Mariposa Energy, LLC
333 S. Grand Ave., Suite 1570, Los Angeles, CA 90071
Tel: (213) 473-0080 Fax: (213) 620-1170

January 16, 2012

Mr. Craig Hoffman, CPM
(09-AFC-3C)
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

SUBJECT: Mariposa Energy Project (09-AFC-3C)
COMPLIANCE-6 Monthly Compliance Report – December 2011

Dear Mr. Hoffman:

Please find attached the Monthly Compliance Report (MCR) for the Mariposa Energy Project (MEP). The attached documentation has been prepared for the month of December 2011, and has been prepared in accordance with California Energy Commission (CEC) General Condition COMPLIANCE-6.

The MCR also contains documentation submitted in accordance with the following CEC Conditions of Certification:

- COMPLIANCE-5 : Updated Compliance Matrix
- AQ-SC3 and AQ-SC5: AQCMM Monthly Report
- BIO-2, BIO-6, BIO-9, BIO-10, BIO-11, BIO-12, BIO-17: Monthly Compliance Report (December 2011)
- BIO-5, CUL-5 and PAL-4: WEAP Training sign in sheets
- CUL-6: Cultural Resources Monthly Report (December 2011)
- PAL-5 : Paleontological Resources Monthly Report (December 2011)
- SOIL & WATER-2: DESCP Monthly Report (December 2011)
- WORKER SAFETY-3: Monthly Safety Report
- GEN-2, TSE-1: Master Submittal Schedule
- GEN-6: Special Inspector's Resume
- TRANS-4: Permits Issued by Government Agencies
- STRUC-1: Submittal Transmittals
- MECH-1: Submittal Transmittals
- MECH-3: Submittal Transmittals
- TSE-4: Submittal Transmittals
- ELEC-1: Submittal Transmittals
- STRUC-1: CBO Submittal Approvals
- STRUC-4: CBO Submittal Approvals
- MECH-1: CBO Submittal Approvals
- MECH-3: CBO Submittal Approvals

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If you have any questions regarding this submittal, please do not hesitate to contact me at (213) 346-2134 or Keith McGregor at (916) 286-0221.

Sincerely,

Chris Curry
Mariposa Energy, LLC
Senior Manager - Development

Attachment: One hard copy of the MEP Monthly Compliance Report (December 2011)
One CD-ROM of the MEP Monthly Compliance Report (December 2011)

cc: Bo Buchynsky, Mariposa Energy, LLC
Gary Normoyle, Mariposa Energy, LLC
James Spicer, Mariposa Energy, LLC
Kristy Santucci, Bureau Veritas (CD-ROM Only)
Keith McGregor, CH2M HILL
Debi Hertz, CH2M HILL

Monthly Compliance Report #6
December 1–31, 2011
Reporting Period

Mariposa Energy Project

Livermore, California
09-AFC-3C

Submitted to

California Energy Commission

Submitted by

Mariposa Energy, LLC

With Technical Assistance by

CH2MHILL

2485 Natomas Park Drive
Sacramento, California 95833

January 2012

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Monthly Compliance Report #6

1.0 Introduction

On May 18, 2011, the California Energy Commission (CEC) issued a license to Mariposa Energy, LLC (Mariposa Energy) for the construction and operation of the Mariposa Energy Project (MEP). The CEC Compliance Project Manager (CPM) issued a limited notice to proceed letter to Mariposa Energy on June 3, 2011, allowing the start of construction activities for surveying and fencing for the power plant and related linear facilities. On June 15, 2011, a full notice to proceed was issued.

This is the sixth Monthly Compliance Report (MCR) for MEP (09-AFC-3C). This report covers engineering, procurement, construction, and environmental compliance activities that occurred during the period from December 1 to December 31, 2011.

2.0 Current Project Status

Mariposa Energy has contracted with LG Constructors (LG) to provide the engineering, procurement, and construction (EPC) services needed to build MEP. The Byron Bethany Irrigation District (BBID) is the construction manager for the water pipeline lateral with Tidelands Construction (Tidelands) as the general construction contractor for the water pipeline lateral. Pacific Gas and Electric Company (PG&E) will design, build, and operate the natural gas pipeline trunk-line from its gas main to the project's gas yard; PG&E's scope will end just downstream of the PG&E revenue meter.

In December, installation of major equipment continued while underground electrical and piping neared completion. As of December 31, 2011, the project was 70 percent complete overall. Table 1 presents the percent complete numbers for the EPC activities as of the end of the month.

TABLE 1
Percent Complete for MEP Engineering, Procurement, and Construction Activities
MEP MCR #6 December 1 to December 31, 2011

Activity	Main MEP Site	Water Pipeline	Transmission Line	Natural Gas Pipeline
Engineering	98	100	99	100
Procurement	100– Engineered Equipment 90 – Subcontracts	100	100	100
Construction	54	97	33	1

Engineering of the main plant continued throughout December. LG's Monthly Progress Report is provided in Exhibit 1. LG prepared 54 drawing package submittals in December that were issued to the Chief Building Official (CBO) for approval or information only.

LG's portion of the 230-kilovolt (kV) transmission line interconnect design is approximately 100 percent complete; PG&E's portion is approximately 100 percent complete. The PG&E engineering design of the natural gas pipeline and meter station is approximately 100 percent complete overall as of December 31, 2011.

Construction at the main plant site in December focused on completing the underground electrical and piping work. With all of the generators and turbines in place by the first week of December, work shifted to many of the smaller structural pads which were completed and equipment set in place. Above ground piping began with ammonia piping at the ECM 600 and chiller water piping at CTG 600. Above ground electrical began with dressing out of the GSU's and work inside the PCM's. Crews are working inside the turbines and generators on alignment and connections. Construction on the buildings to house the operations staff began in December.

Work on the BBID water pipeline and pump station in December focused on electrical work finalization and checkout at the pump station and the tie-in of the BBID installed water line at the site entrance and the LG installed water line from the site entrance into the main plant area. BBID has issued a punch list to their subcontractors for completion of the pump station work. The pump station will be tested when the service/fire water tank and piping to it are complete on the main site.

On December 15, the California Public Utilities Commission approved the 851 filing for the transmission line easement. On December 21, 2011, PGE gave approval to MEP to work in the PG&E easement north of Kelso Road to complete the transmission line work. On December 30, the transmission line subcontractor remobilized to the site and installed the worker exclusion fencing and trench plates along the transmission line corridor north of Kelso.

PG&E staked the natural gas pipeline on December 7. PG&E conducted an onsite compliance review meeting for the pipeline and meter station teams on December 14 in anticipation of starting work on January 3. On December 19, 2011, PG&E's crews potholed to verify the exact location of the pipe they will be connecting too.

December 5-9 a meeting was attended by MEP and LG in Pittsburg at Emerson's plant for the Facility Acceptance Test of the Digital Control System (FAC DCS). On December 16, a monthly progress meeting was held onsite with LG and MEP.

Updated project summary schedules for the main plant and water pipeline are included as Exhibit 2 of this report. Look-ahead schedules for the main plant are provided in Exhibit 3.

A key events list is included as Exhibit 4. The list includes the following revisions this month: "Start Gas Pipeline Construction and Interconnection" is revised to January 17, 2012, and the activity "Complete Water Supply Line Construction" revised to January 31, 2012 for punch list items. The anticipated commercial operation date for MEP remains July 1, 2012.

Construction photos taken during the reporting period are provided as Exhibit 5.

3.0 Engineering, Procurement, and Construction Activities

This section provides information on the EPC activities that were accomplished during the reporting period.

Engineering

In December, LG received CBO approval on the following drawings and calculations: Copies of the CBO submittal approval notifications for STRUC-1, STRUC-4, MECH-1 and MECH-3 are included in Exhibit 14.

The Master Submittal Log was updated by LG on January 6, 2012, and is included in Exhibit 6. Copies of submittal transmittals for STRUC-1, TSE-4, MECH-1, MECH-3, and ELEC-1 are included in Exhibit 6. More specific details on the main plant engineering and design activities conducted during the reporting period are described in LG's Monthly Progress Report for November in Exhibit 1.

The PG&E gas meter design was submitted to the CBO on December 7, 2011 and was returned with comments on December 12, 2011. It was resubmitted on December 14 and approved on December 15, 2011. The plans were resubmitted on December 21 with minor revisions and approved by the CBO on December 27, 2011.

Procurement

During the reporting period, the procurement status for the main plant is as follows:

LG issued a limited Notice to Proceed in December to Newtron Electric for the switchyard installation. They plan to finalize the contract in January. LG has awarded the majority of equipment purchase orders and only the Cal ISO Meter PO was issued in December. No bid packages were issued in December.

PG&E issued the subcontract to install the gas line corridor pipeline in December. PG&E crews will self perform the installation of the meter station. PG&E will also self perform the hot tap portion of the gas line corridor work.

The following major MEP construction activities were accomplished between December 1 and December 31, 2011:

Water Pipeline Corridor and Pump Station Activities

- Tie-in waterline from road to site entrance.

Natural Gas Pipeline Activities

- Staking and potholing.

230-kV Transmission Line Interconnect Activities

- Staking for worker exclusion fencing and transmission line mono-pole foundations.
- Installation of worker exclusion fencing and trench plates.

Main Site Activities

- Hydroseeding of exposed slopes with approved seed mix.
- CTG 900 turbine, generator, roof skid and coil units were installed. The coil units at CTG 800 were installed.
- ECM's 700 and 800 duct and stacks were installed. Silencers were installed inside the ECM 600 exhaust stack after the casing flange joints were seal-welded.
- Trim out of GSU's 600 and 700 with radiator coils, insulators and HV bushings.
- Conduit and pad for the PCM 700 transformer pad, containment walls at PCM 600 transformer pad and conduit for the PCM 800 transformer pad.
- Power Distribution Center (PDC) pad and columns poured. PDC auxiliary and station service transformer pads poured.
- Ammonia Vaporization Skids set at units 600 and 700. Piping from ECM 600 to the ammonia skid at unit 600 completed.
- Below grade fuel gas piping complete to the let down station. Pneumatic testing of the piping complete on December 17, 2012.
- Access walkways and railings at GSU's and platforms and railings at PCMs.
- Electrical Vault and 15 KV generator breaker at unit 900. HVAC units on 15KV breaker compartments. Lineside and Neutral cubicles on CTGs.
- Grounding cable at all equipment pads at units 600 and 700.
- Fuel gas compressor skids set and leveled on pads. Fuel gas final filter skids set at units 600 and 700. Lube oil cooler set at unit 600.
- Auxiliary, sprint, demineralized water injection pump and fire protection skids set at units 600, 700 and 800.
- Electric ductbank from plant gate to site entrance for power, telecom and fiber optic cable.
- Installation of the Service/Fire Water tank twenty five percent complete.
- Delivery and installation of the Aqueous Ammonia storage tank.
- Underground electrical, plumbing and concrete pads for Warehouse and Control/Admin buildings. Pad for Compressed Air system shed poured.
- Drilled and poured fifty-three concrete piers for the switchyard.
- Storm drain piping and outfall installed to the detention pond.
- Below grade chiller water piping complete. Fire water loop ninety-five percent complete.

4.0 Project Compliance Activities

This section includes a description of the documents required by specific conditions to be submitted as part of the MCR. The specific documents required are attached as exhibits unless they have been previously submitted to the CEC's CPM as noted. A compliance matrix is attached as Exhibit 7 listing all of the applicable construction conditions and the status of each. The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates of any approvals by the CBO, CEC CPM, or delegate agency.

AQ-SC3: Discussion on the control of dust plumes during construction is included in the air quality control management (AQCM) report from LG, provided in Exhibit 8.

AQ-SC5: Reporting on the control of diesel construction emissions during construction is included in the AQCM report from LG in Exhibit 8.

BIO-2: Todd Ellwood is the Designated Biologist for MEP. A summary of the biological resource activities for the reporting period is included in Exhibit 9.

BIO-5: Seventy people were trained on the Worker Environmental Awareness Program (WEAP) in December, bringing the cumulative total of WEAP-trained individuals to date to 532.

BIO-6: A discussion on the status of Biological Resources Mitigation Implementation and Monitoring Plan measures (e.g., surveys, species observed, and construction activities) is included in the Designated Biologist's monthly report in Exhibit 9.

BIO-9: A summary of the branchiopod avoidance measures implemented during the reporting period is included in Exhibit 9.

BIO-10: A summary of the implementation of California tiger salamander and California red-legged frog avoidance measures is included in Exhibit 9.

BIO-11: A summary of the implementation of western pond turtle avoidance measures is included in Exhibit 9.

BIO-12: A summary of the implementation of burrowing owl avoidance measures is included in Exhibit 9.

BIO-17: A summary of the implementation of impact avoidance and mitigation measures for waters and wetlands is included in Exhibit 9.

CUL-2: The weekly schedules are being sent to the Cultural Resource Specialist (CRS) via email per this condition and are not included in this report.

CUL-5: Copies of the signed WEAP training sheets are included as Exhibit 10.

CUL-6: Clint Helton is the CRS. The monthly cultural resources monitoring report is included in Exhibit 9.

NOISE-2: No noise complaints occurred during the reporting period.

SOIL & WATER-2: The qualified Stormwater Pollution and Prevention Plan (SWPPP) developer, Mieke Sheffield, has summarized the monthly status report of the Drainage, Erosion, Sedimentation Control Plan (DESCP) measures in Exhibit 9.

TRANS-1: Heavy Haul Roadway use permits were issued in December for the delivery of emission control duct, coil units and equipment skids. The permits issued are as follows:

- County of Alameda: 37460, 37446, 37420, 37424, 37421, 37438, 37438, 37412, 37417, 37413, 37402, 37392, 37391, 37409, 37500, 37499, 37498, 37481, 37488, 37484, 37473, 37445, 37408, 37407, 37432, 37459 and 37449
- Mountain House: TP-11-12-226, TP-11-12-226, TP-11-12-228, TP-11-12-227, TP-11-12-179, TP-11-12-226, TP-11-12-220, TP-11-12-221, TP-11-12-219, TP-11-12-216
- Contra Costa County: PB-11-48-24, PB-11-58-20, PB-11-58-16, PB-11-58-17, PB-11-58-19, PB-11-58-15, PB-11-27-50, PB-11-27-51, PB-11-58-14, PB-11-27-49, PB-11-27-47, PB-11-27-48, PB-11-73-5, PB-11-88-10, PB-11-73-4, PB-11-58-13, PB-11-58-8, and PB-11-58-7
- City of San Diego: T-67985
- San Joaquin County: PS-1103108, PS-1103107, PS-1103109, PS-110365, PS-1103062, PS-1103061, PS-1103064, PS-1103027, PS-110328, PS-1103031, PS-1103006, PS-1103007, PS-1102990, PS-1103005, PS-1102982, PS-1102868, PS-1102869, PS-1102920, PS-1102972, PS-1102974, PS-1102973, PS-1102882, PS-1102883, PS-1102884, PS-1102921, PS-1102900, PS-1102876, PS-1102874, PS-1102877, PS-1102878, PS-1102863, and PS-1102864
- State of California: 486156, 486268, 250143, 484378, 917035, 484581, 484595, 484580, 484594, 483290, 483288, 482870, 482394, 482400, 359745, 482204, 482707, 482334, 358624, 917122, 917320, 917055, 917313, 481869, 248851, 481259, 480524, 480201, 480428, 481367, 481369, 481368, 481210, 247966, 247967, 247968, 480838, 479571, 480531, 479590, 479589, 478738, 459572, 479573, 478438 and 478439.
- Oakland Police: 01-12115959
- City of Orange: 18394
- California Highway Patrol: R-11-310-0069
- City of Los Angeles: OP2011-002871, OP2011-002884
- County of Los Angeles: 165815, 165816, 165818, 165819
- City of Anaheim: TRP2011-04177
- County of Riverside: R02-11-0143
- County of San Bernardino: T11000439

TRANS-4: Alameda County issued an Amendment to the Roadway Encroachment Permit R11-LD11478 to allow for core drilling and other activities in support of roadway repairs on Bruns Road. A copy of the Amendment is included in Exhibit 11.

TRANS-7: The submittal for Obstruction Marking and Lighting at the exhaust stacks was sent to the CEC on December 29, 2011 for approval.

WORKER SAFETY-3: The monthly safety inspection report from LG is included in Exhibit 12 of this report.

HAZ-4: The CBO approved the HAZ-4 submittal on December 6, 2011. The package was then submitted to the CEC for review and approval on December 7, 2011. It was approved by the CEC.

GEN-2: A copy of the latest Master Submittal Schedule updated January 6, 2012, is included in Exhibit 6.

GEN-6: Copies of the CBO-approved resume for an additional welding inspector submitted in December are included in Exhibit 13.

CIVIL-3: No Non-Conformity Reports (NCR) were submitted during the reporting period for the main project site and water pipeline.

STRUC-1: Copies of the structural submittal transmittals are included in Exhibit 6. Copies of the CBO approval of structural submittals are included in Exhibit 14.

STRUC-4: The aqueous ammonia tank drawings were submitted under STRUC-4 on November 25, 2011 and approved by the CBO on December 6, 2011.

MECH-1: Copies of the major piping submittal transmittals are included in Exhibit 6. Copies of the CBO approval of major piping submittals are included in Exhibit 14.

MECH-3: Copies of the HVAC transmittals are included in Exhibit 6. Copies of the CBO approval of HVAC submittals are included in Exhibit 14.

ELEC-1: Copies of the electrical submittal transmittals are included in Exhibit 6.

PAL-4: Copies of the signed WEAP training sheets are included as Exhibit 10.

PAL-5: The paleontological monthly monitoring report is included in Exhibit 9.

TSE-1: The transmission facility design submittals are included in the master submittal schedule, which is included in Exhibit 6.

TSE-4: The signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORs was submitted on December 15, 2011 as TSE-4-8.0. It was reviewed and noted for reference only by the CBO on December 28, 2011. A copy of the transmission facility submittal transmittal is included in Exhibit 6. Major electrical equipment that was received in December includes the 230 KV Circuit Breaker.

VIS-2: A revised Surface Restoration Plan as required by VIS-2 was submitted to the CEC for review and approval on November 15, 2011 and was approved on December 1, 2011.

VIS-4: The Permanent Exterior Site Lighting plan was submitted to the CBO on December 5, 2011, and also submitted to the CEC for review and approval on December 6, 2011. The CEC approved the submittal on December 15, 2011. On December 16, the CBO returned the submittal to LG with review comments.

Submittal Deadlines Not Met

No submittal deadlines were missed during the reporting period.

5.0 Conditions Satisfied During Reporting Period

Table 2 provides a list of the conditions of certification satisfied during the reporting period of December 1 to December 31, 2011.

TABLE 2
Conditions of Certification Satisfied During the Reporting Period
MEP MCR #6 December 1 to December 31, 2011

Condition	Brief Description	Date Submitted	Actions that Satisfied the Condition
STRUC-4	Hazardous material storage tank drawings and specs	11/25/11	Submitted to CBO for review, approved on 12/6/11.
VIS-4	Permanent Exterior Site Lighting plan	12/5/11	Submitted for CEC review, approved on 12/15/11.
VIS-2	Submit Surface Restoration Plan to the CEC for approval.	11/15/11	Approved by the CEC on 12/1/11.
HAZ-4	Submit final design drawings and specifications for the ammonia storage tank and secondary containment to the CEC for approval	12/7/11	Submitted to CEC for review after approval by CBO. Approved by CEC.

6.0 Approved Changes to Conditions of Certification and Filings or Permits Issued by Other Government Agencies

Table 3 provides a list of permits issued by other governmental agencies through December 31, 2011.

TABLE 3
Permits Issued by Other Governmental Agencies during the Reporting Period
MEP MCR #6 December 1 to December 31, 2011

Type of Permit Issued	Governmental Agency	Date Issued	Issued to
851 Advice Letter	CPUC	12/15/11	Mariposa Energy Project
Amendment #1 to Roadway Encroachment Permit	County of Alameda	12/16/11	Teichert

7.0 Anticipated Compliance Activities for January 2012

Mariposa Energy will continue to provide progress updates on the compliance activities discussed above in future monthly reports. Additionally, the following compliance documents will continue to be monitored with the CEC or submitted during January:

- TRANS-5: Transportation of Hazardous Materials
- GEN-7: Discrepancy in Design
- HAZ-8: Fuel Gas Pipe Cleaning Plan
- TLSN-4: Grounding of Metal objects in T-line Corridor

8.0 Additions to Onsite Compliance File

Copies of the documents included in the exhibits to this MCR have been added to the onsite compliance files.

9.0 Request to Dispose of Items Required to be Maintained in Project Files

There are no files in the project compliance files that Mariposa Energy is requesting to dispose of.

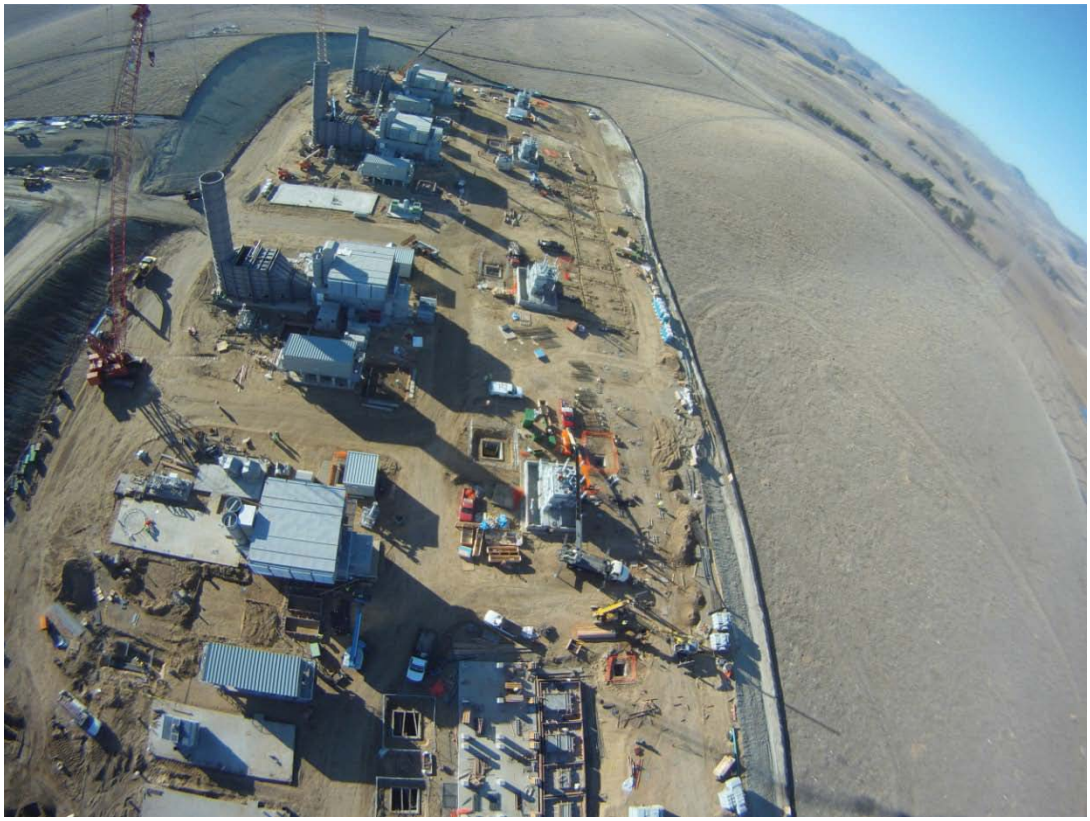
10.0 Complaints, Violations, Warnings, Citations

As a follow up to the complaints on the condition of Bruns Road by Alameda and Contra Costa Counties, MEP and LG construction met with County representatives from the public works departments on December 14 to review the condition of Bruns Road and discuss possible repair work. After the meeting, the two counties agreed to design a repair method that would be satisfactory to them for LG to use. The repair method was given to LG on December 23, 2011, and the repair work to the road is scheduled for early January.

Exhibit 1
LG Monthly Progress Reports

Diamond Generating Corporation
A Subsidiary of Mitsubishi Corporation

MARIPOSA ENERGY PROJECT MONTHLY PROGRESS REPORT DECEMBER 2011



LG Constructors

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1 Executive Summary

Summary

Mariposa Energy, LLC (MEL) issued a Notice to Proceed (NTP) to LG Constructors (LG) on December 20, 2010 to begin engineering activities for the Mariposa Energy Project. LG began working on the project on December 20, 2010 developing specifications for the long lead procurement items for the project and reviewing the contract documents.

The project was approved by the California Energy Commission on May 18th, 2011. The ATC from the BAAQMD and CBO was received.

MEL granted full site access on July 18th. The easement on the transmission line corridor next to the Kelso Compressor Station was finally approved in late December by the CPUC and PG&E.

Engineering & Design

Engineering & Design continued with the specifications and design for the remaining BOP equipment for the site. Electrical and piping worked on the above ground drawings to finalize the construction requirements. Several documents continue to be submitted to the CBO for review and comments incorporated as required. Engineering is currently 98% complete.

Procurement

Procurement activities for December included issuing purchase orders for some of the remaining pieces of engineered equipment. The engineered equipment is 99% bought out at the end of the month.

Issued Equipment Bid Packages for: None

Issued Purchase Orders for: Cal Iso Meter.

No Subcontracts were issued during the month.

Construction

During the month of December, Construction activities continued with the award for the Switchyard Installation Contract to Newtron Electric for the project. Collins Electric installing electrical manholes and duct bank and mobilizing for the AG Electrical/ I&C work, AZCO fabricating and installing underground pipe and erecting AG equipment, and the Overaa working on miscellaneous foundations. The Unit 800 and 900 CTG, and the ECM equipment for Unit 800 and Gas Compressors arrived during the month.

Startup & Commissioning

During the month of December, Startup personnel began mobilizing at the site. The Startup Manager continued working on the startup program developing turnover packages, and contracted with Frank Riley/Power Industries to perform startup electrical testing at the site.

Schedule

Engineering critical path currently runs through the electrical drawings for the cable and conduit schedules. Other engineering critical tasking includes the completion of the Control Room Consoles procurement supporting the DCS.

Notable engineering accomplishments for this reporting period include completion of the Structural Steel Support design.

Electrical issued the Arc Flash Study. Work continues on Relay Coordination and Settings design incorporating final vendor supplied data. The A/G Electrical subcontract bid package was awarded to Collins Electric. Switchyard Construction was out for bid with an award at the end of December.

Construction critical path runs through the Switchyard Foundation construction and 230KV Breaker installation. Other major critical path tasking includes CTG 600 Final Enclosure Dress-Out & Filter Media installation, AG piping tie in tasking, HV/MV cable pulls & terminations and PDC set & trim out tasking.

The PDC delivery is still a key player on the critical path. Expediting is working to accelerate the delivery date. Other critical notables include starting the Field Erected tanks mobilization later than planned. Construction is working to accelerate the work by use of a 5/day 10 hour shift for this subcontractor. Late Chiller fabrication & delivery issues continue to push critical. Expediting is working with Stellar to resolve these issues. Provisions in the schedule to minimize the float impact have been addressed with project management.

Major construction accomplishments for this reporting period include continued effort for the process piping installation, structural foundations installations and the fit out of the CTG power trains.

Other notable accomplishments include the form & place concrete for the Circuit Breaker & Misc Equipment Foundations and the Intake Air Filter Assemblies for CTG 700, 800 & 900.

ECM Tempering Air Fan equipment foundations were completed as well as the Ammonia Vapor Skids.

The Control & Administration Building Foundation slab was also completed this reporting period.

Priorities/ Issues/ Concerns

The full authorization to mobilize on site was given on July 18th approximately one month after the contract date. The delay due to in performing site grading activities has compressed the underground piping and underground electric schedules along with the foundation work to where they are on the critical path for completion of those activities prior to above ground mechanical and electrical work.

The delay in transmission line work is a concern for back feed availability at site in February 2012. We are targeting to complete this effort in February pending construction constraints for environmental concerns.

Delays in the Chiller shipment will impact the startup target construction turnover dates.

The 32 day delay due to the burrowing owls has caused the A/G electrical subcontract to be impacted due to later than planned award which is pushing out the planned cable delivery and cable pull tasking for unit 600. This issue is being evaluated by the subcontracts & construction to assess a corrective action plan.

2 Safety

Major Activities and Accomplishments:

- No Safety items to report.
- Continued to provide safety training for craft employees

Planned Activities for next month:

- We will continue working on site safety staffing requirements with the subcontractors.
- Continue safety training for craft employees.

Safety Record

See Safety Statistics next page.

Mariposa Energy Project HSE Statistics

December 2011		This Month	YTD	PTD	Comments refer to this month only
Lag Indicators	Lost Time Injury (LTI)	0	0	0	
	Medical Treatment Case (MTC)	0	0	0	
	Restricted Work Case (RWC)	0	0	0	
	First Aid	0	0	0	
	Near Miss	0	1	1	
	Equipment Damage	0	0	0	
	Environmental Incident	0	1	1	
	Procedure breach	0	0	0	
Lead Indicators	Audits	0	3	3	
	WEAP Training	75	404	404	
	HSE Meetings	72	335	335	
	SBO's	66	301	301	
	Training Hours	150	750	750	
	Orientations	75	375	375	
	P.T.P's	202	990	990	
	Random Drug Tests	0	0	0	
	Senior Management Site Visits	1	10	10	
	Emergency Drills	0	0	0	
Frequencies	Hours Worked	22,751	85,302	85,302	
	Average # Persons	145			
	OSHA Recordable Incident Rate	0.0			
	LTIFR (12m moving avg)	0.0			

The information shown in this report includes all weekly data since previous months report up to the last reporting week within this month

3 Environment

Permit Status

The easement along the Kelso gas compressor station was resolved during the month and the 851 permit issued.

4 Summary of Progress and Status

Engineering Progress:

General

Major Activities and Accomplishments:

- As of December 30, 2011, engineering was 98% percent complete. Engineering percent complete by discipline is provided in Section 11
- Continued reviewing vendor drawing submittal packages
- The Master Documents Deliverables List is updated and attached to this report (Contract Exhibit B Scope of Work Section A.13.2 and CEC compliance item GEN—2a)
- The document control Master Document Index including vendor submittals is attached to this report
- Completed DCS FAT

Planned Activities for January 2012:

- Obtain CBO approval on all remaining drawings and calculations.
- Attend PDC FAT at Siemens

Layouts

Major Activities and Accomplishments:

- None

Planned Activities for January 2012:

- None

Civil

Major Activities and Accomplishments:

- None

Planned Activities for January 2012:

- None

Structural

Major Activities and Accomplishments:

- Completed bus duct and miscellaneous T-support foundations and structural drawings.

Planned Activities for January 2012:

- Resolve CBO comments on pipe supports

Architectural

Major Activities and Accomplishments:

- Pre-engineered building supplier drawing review

Planned Activities for January 2012:

- None.

Process/Mechanical

Major Activities and Accomplishments:

- none

Planned Activities for January 2012:

- Issue performance testing specification for bid
- Issue insulation and painting bid packages

Electrical

Major Activities and Accomplishments:

- Revised grounding, lighting and MV and LV 1-line drawings to incorporate vendor data and address CBO comments
- Issued PDC tray layout drawings IFC
- Issued cable schedule IFC
- Issued lighting plan CEC submittal
- Issued Arc Flash and Relay Coordination Studies

Planned Activities for January 2012:

- Finalize conduit schedule and termination reports
- Issue ESD schematics IFC
- Resolve remaining CBO electrical comments

Instrument/Controls

Major Activities and Accomplishments:

- Attended DCS FAT

Planned Activities for January 2012:

- Update Control System Architecture drawings

Piping

Major Activities and Accomplishments:

- General UG and AG piping revisions and field support

Planned Activities for January 2012:

- Issue insulation bid package
- Resolve CBO comments on pipe supports

Transmission and Distribution

Major Activities and Accomplishments:

- none

Planned Activities for January 2012:

- Complete switchyard wiring diagrams
- Resolve remaining CBO comments on switchyard and T-line

Areas of Concern

- None

Procurement Status

Current Month Major Activities

- Issued Equipment Inquiry Packages for: None, all major packages have been released and issued.
- Received Equipment Bids for: None, all major package proposals have been received.
- Awarded Equipment Purchase Orders for: Cal Iso Meter.
- Issued Subcontract Bid Packages for: None.
- Received revised Subcontract Proposal for: None.
- Awarded Subcontracts for: Limited Notice to Proceed Issued for Switchyard Installation.

Next Month Planned Major Activities

- Issue Equipment Inquiry Packages for: None, all major packages have been released and issued.
- Receive Equipment Bids for: None, all major package proposals have been received.
- Evaluate and Award Equipment Packages for: None, all major package proposals have been received.
- Issue Subcontract Inquiry Packages for: Painting & Coating and Final Site Work / Grading & Paving.
- Receive Subcontract Proposals for: Painting & Coating.
- Award Subcontracts for: Switchyard Installation (finalize).

Construction and Safety:

Major Activities and Accomplishments:

- Completed piping east road
- Completed and tested UG CW piping
- Complete UG piping south side of unit 800
- Complete UG piping north side of unit 800
- Complete UG piping south side of unit 900
- Complete UG piping north side of unit 900
- Completed ammonia piping at unit 600 ECM
- Placed Multi Media foundation
- Placed PDC foundation
- Placed AUX/SST transformer foundation
- Placed misc pads south side of ECM 800
- Placed misc pads south side of ECM 900
- Placed Ammonia storage and unloading foundations
- Placed unit 600 transformer foundation
- Set CTG 900
- Set all GSB
- Set 800, and 900 CTG roof skids
- Set 800 and 900 CT inlet filters and platforms (filters installed at a later date)
- Set ECM 700 and 800
- Placed unit 700 transformer foundation
- Started tank erection
- Placed Admin/warehouse/and air compressor foundations
- Set FG compressors
- Set Aux equipment for CTG 600 area
- Set Aux equipment for CTG 700 area
- Set ammonia Tank
- Set Ammonia skids on unit 600 and 700 ECM
- Start plant grounding
- Completed remaining UG electrical DB (99% complete)
- Awarded AG electrical contract

Planned Activities for next month:

- Complete fire protection pipe line
- Excavating to support site activities
- Complete storm water system
- Place misc pads north side of CTG 800
- Place misc pads north side of CTG 900
- Place unit 800 transformer foundation
- Place unit 900 transformer foundation
- Place DW, SW, and WW pump foundations
- Complete switch yard foundations
- Complete SW/FW tank erection
- Complete DW tank erection
- Hydro SW/FW and DW tanks
- Start Control Admin/warehouse installation
- Complete UG FG area piping

- complete 600 turbine and generator alignment
- complete 700 turbine and generator alignment
- complete 800 turbine and generator alignment
- complete 900 turbine and generator alignment
- complete GSU600-900 trim out
- Trim out all PCMs
- Start cable tray and conduit
- start pulling cable
- Set PDC
- Trim out PDC
- Set misc pumps around tank
- Set multimedia skids
- Set first Chiller module
- Trim out first chiller module
- Erect ECM 900
- Complete weld out of ECM 600 and 700
- Set tempering, seal air fans, and ducting for ECM 600
- Set tempering and seal air fans for ECM 700
- Install ammonia piping at ECM 700 and 800

Labor Relations:

- A meeting held during the month to discuss craft jurisdictions.

Subcontracts:

- We will review bid packages for Painting.

Startup and Commissioning:

Startup and Commissioning:

- Completed review of Rev 3 P&ID's and comments forwarded to Engineering.
- T/O database development in progress. Will complete when Engineering completes required database list(s) .
- Completed review of Engineering issued SDD's on BOP Mechanical systems. Will complete remainder of System SDD review when SDD's are complete by Engineering.
- StartUp Manager mobilized to the site 13 Dec 11. On site full time, 15 Dec 11.
- StartUp Lead Electrical Engineer re - scheduled to mobilize to the site the 16 Jan 12. Expected on site 24 Jan 12.
- StartUp T/O Coordinator mobilized to site 12 Dec 11. On site full time, 15 Dec 11.
- StartUp 3rd Party Electrical Test group to be on site the last week of Jan 12 to witness GSU testing activities.
- Project Commissioning Directive and ITP review completed in Atlanta the week of 17 Oct 11. Revised ITP's to be issued Jan 2012.
- StartUp DCS Engineer attended DCS FAT in Pittsburgh the week of 05 Dec 11.
- StartUp Electrical Engineer scheduled to attend PDC FAT which was delayed, and is now currently scheduled for the 11th and 12th of Jan 2012.
- StartUp Lead Mech mobilized to site 02 Jan 12. Expected on site 09 Jan 12.
- Start Up scheduled to attend chiller FAT, when new date is confirmed in Jan.

5 Priorities/ Issues/ Concerns

Pending Change Status

The transmission line installation was released by MEL during the month for the area north of Kelso Road. LGC is working with Contra Costa to determine the associated costs.

Change Order Status

The delay in full site access was issued and responded to comments. MEL issued a change order for the first 16 day delay and proposed an offer for the delay from July 2nd to 17th. LGC is reviewing the offer and will respond.

The heater sizing for the anti-icing heater was issued and responded to comments. Further review is ongoing.

Delay for the Transmission Line installation is pending.

Priorities/ Issues/ Concerns

Resolution on the Transmission Line Easement has been resolved. MEL issued written direction to LGC to use the current transmission line routing and proceed with construction.

Claim Status

No issues at this time.

6 Engineering Deliverables

Master Document Index

Equipment List

Engineering Document Index with CBO review status

The lists are attached at the end of the report.

7 Procurement Reports

Procurement Status Reports

Expediting Report

The reports are included at the end of the report.

8 Quality Assurance/ Quality Control

Quality Assurance

December 2011 QA/QC

Monthly Activities

Engineering

- Review of submitted ITP from Unigus (EIT subtier).
- Review and comment on QA Programs and working with companies to obtain supplemental information to obtain CBO approval of the following:
  Thomas & Betts
  Norfork Steel (subtier of NuSteel)
  Unigus
  Eaton

Procurement

- Supplier Surveillance activities -
  – Continuing conversations with Procurement regarding TMI/Stellar and their progress
  Supplier Surveillance activities – planning but not performed
  – Identifying Houston area personnel to monitor Siemens (PDC) performance.

Construction

Quality Assurance activities included continuing inspection of UG electrical and piping installation, pre-pour inspections and monitor civil activities.

- Monitor and inspection of UG electrical installation
- Monitor of Manhole and Ductbank installation
- Monitor of foundation preparation and placement
- Receipt inspections of incoming material
- Monitor grading, fill and backfill activities
- Management of Materials Testing contract
- Monitor of compaction and concrete testing
- Review of specifications and revisions.
- Review and posting of Signet reports
- Interface with CBO and client
- Posting of Inspection Request
- Review of CBO Inspection Reports
- Review of drawings and revisions
- Review of Sub-Contractor submittals
- Monitor of HDPE fusion installation
- Monitor of field welding
- Review of subcontractor QC, NDE, and Equipment Maintenance & Storage records
- Inspection of foundations for equipment setting
- Monitor of equipment setting and grouting
- Field drawing audit of sub-contractor
- Monitor of Switchyard pier installation
- Monitor of Hydrostatic and Pneumatic testing of piping systems

Next Month Planned Major Activities

Review of Project Specification Sections and Drawings as applicable

Working with Suppliers in their designation as Approved Fabricators by CBO

Review of Supplier Submittals

Planning and performance of Supplier Surveillance activities

Upcoming Inspections and Testing

Soils compaction

Concrete testing

Piping inspection and hydrostatic and pneumatic Testing

Grout testing

Hilti anchor bolt placement

Supplier Shop Inspections

Stellar – Chiller

Siemens - PDC

Nonconformance Report Log

None to date

9 Project Schedule

Schedule Overview

The Level 3 re-baseline schedule was worked on during the month.

Critical Path Analysis

Progressing was completed on engineering, procurement and construction tasking.

Critical Path Analysis:

Engineering:

1. Completion of Electrical Design.

Procurement:

1. Chiller Delivery
2. PDC Delivery.

Subcontracts:

1. Electrical/I&C Subcontract
2. Switchyard Subcontract

Construction:

1. U/G Electrical Completion
2. U/G Process Piping Completion
3. Transmission Line Completion
4. CTG Centerline Assembly # 600, 700, 800, and 900
5. AG Electrical Work
6. Field Erected Tanks Installation
7. Building Erection

Level 1 Schedule is attached.

11 Progress Measurement

Engineering (Percent Complete) and Manpower

The overall engineering percent complete is 98% and can be broken down by discipline as follows:

Architectural	98%
Civil	100%
Electrical	98%
General Arrangements	100%
Instrument & Controls	95%
Mechanical	98%
Piping	99%
Structural	100%
Transmission & Distribution	98%

The overall engineering progress curves are on the following sheets. The following graph also indicates the overall engineering manpower status based on full time equivalents.

Procurement (Percent Complete)

The current procurement percent complete is 85%.

Construction (Percent Complete)

The current construction percent complete is 54%

Overall (Percent Complete)

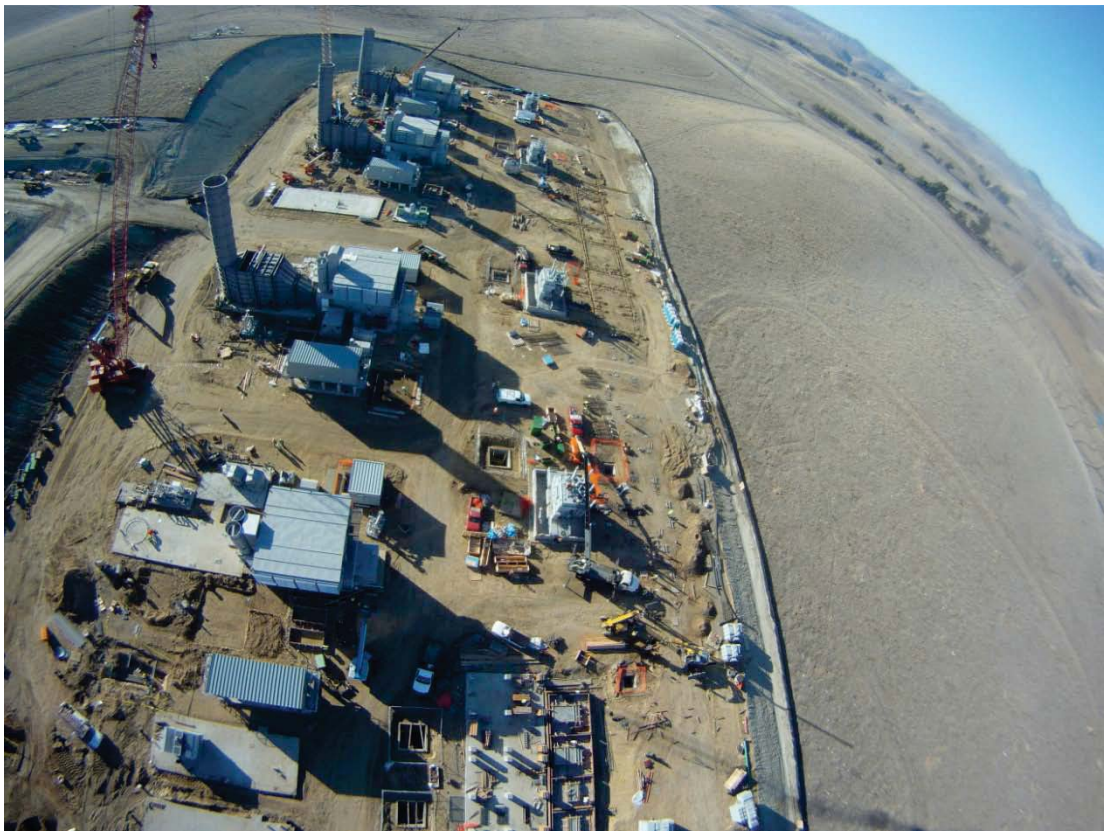
The current overall percent complete is 69%

14 Meeting Status and Schedule

- Pre-bid meeting with Switchyard Erection contractors was held on December 1st .
- Project Review Meeting with MEL was held on December 16th
- Next Project Review Meeting with MEL will be held on January 12th.

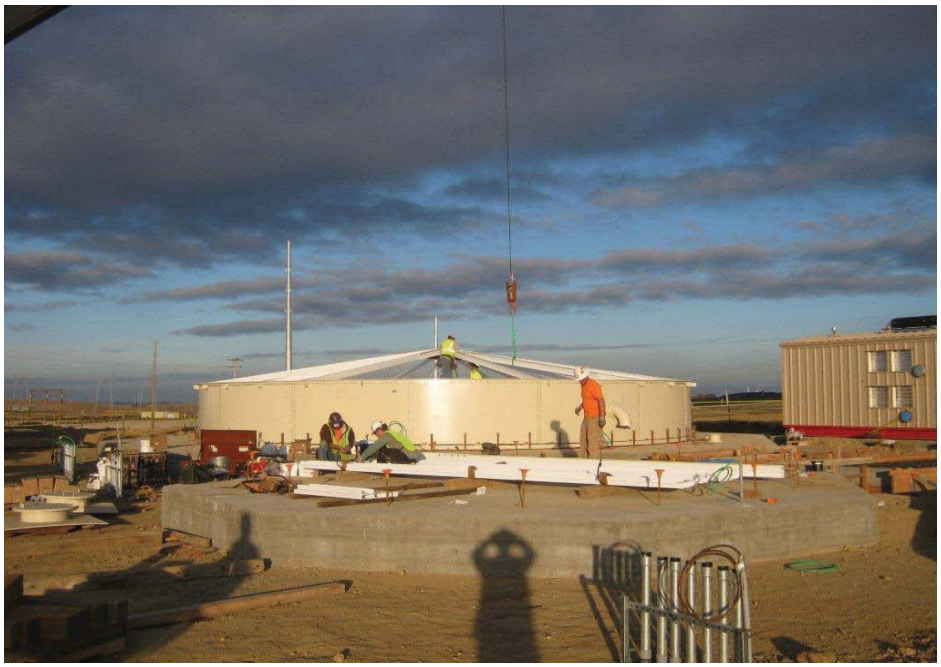
15 Progress Photographs

Aerial Site View 1



Aerial Site View 2

ECM Ammonia Grid



Raw Water Storage Tank

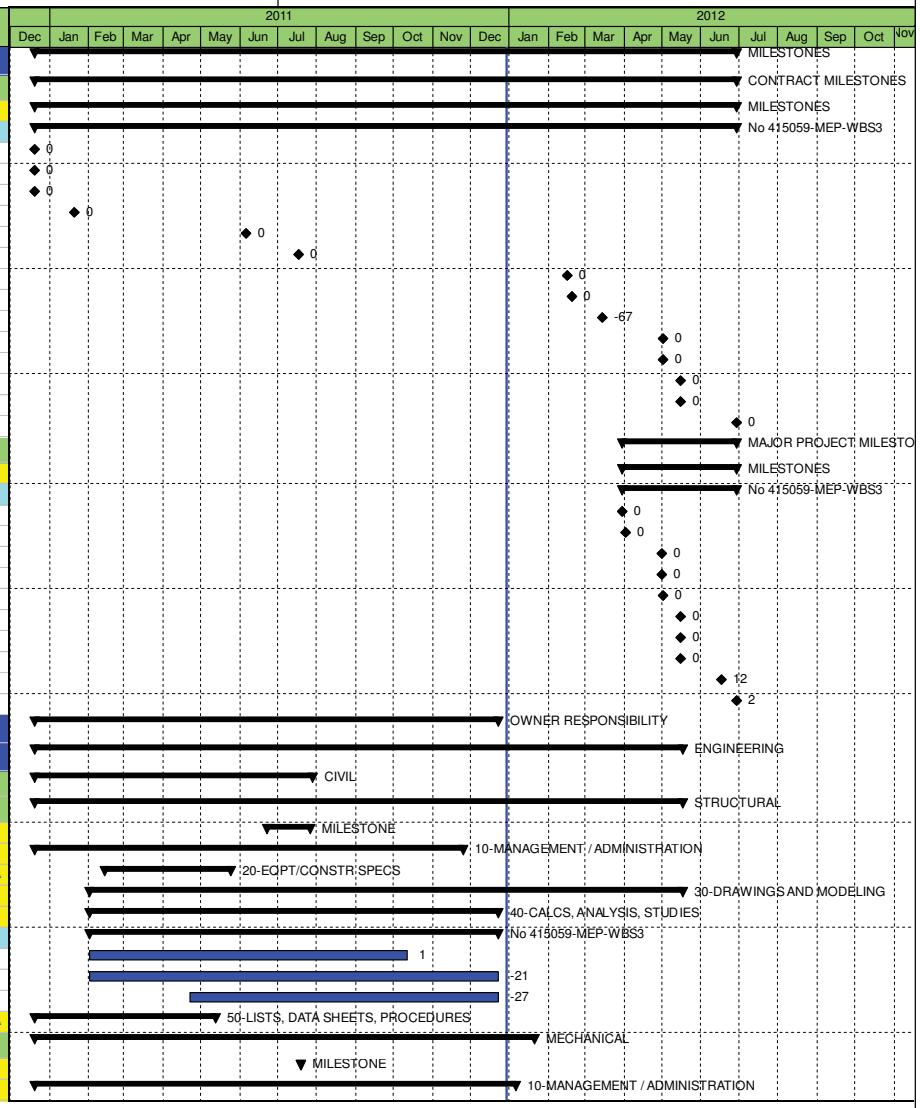
Units 600, 700, and 800

Unit 600, 700 and 800 ECM

Exhibit 2
Project Summary Schedule

LG Schedule

Activity ID	Activity Name	% Comp	OD	RD	Start	Finish
MILESTONES			391	97	20-Dec-10 A	29-Jun-12
CONTRACT MILESTONES			391	97	20-Dec-10 A	29-Jun-12
MILESTONES			391	97	20-Dec-10 A	29-Jun-12
No 415059-MEP-WBS3			391	97	20-Dec-10 A	29-Jun-12
MS0600	CONTRACT AWARD	100%	0	0	20-Dec-10 A	
MS1001	NOTICE TO PROCEED	100%	0	0	20-Dec-10 A	
MS1002	ENGR RELEASE	100%	0	0	20-Dec-10 A	
MS1004	CUSTOMER KICK OFF MEETING	100%	0	0		20-Jan-11 A
MS1014	LIMITED SITEWORK MOB TO SUPPORT FW PMP FNDS	100%	0	0	06-Jun-11 A	
MS1010	SITEWORK CONSTRUCTION MOBILIZATION	100%	0	0	18-Jul-11 A	
MS1085	NAT GAS AVAILABLE BY OWNER	0%	0	0		15-Feb-12*
MS1080	BACK FEED POWER AVAILABLE BY OWNER	0%	0	0		19-Feb-12*
MS1012	T-LINE CONSTRUCTION COMPLETED	0%	0	0		14-Mar-12
MS1091B	PROJECT MECHANICAL COMPLETION-U1 and U2 & BOP	0%	0	0		01-May-12*
MS1091C2	GUARANTEE FIRST FIRE UNITS 1&2	0%	0	0		01-May-12*
MS1091D	PROJECT MECHANICAL COMPLETION-U3 and U4	0%	0	0		15-May-12*
MS1091C4	GUARANTEE FIRST FIRE U3 AND U4	0%	0	0		15-May-12*
MS1091C	PROJECT GUARANTEED SUBSTANTIAL COMPLETION	0%	0	0		29-Jun-12*
MAJOR PROJECT MILESTONES			65	65	30-Mar-12	29-Jun-12
MILESTONES			65	65	30-Mar-12	29-Jun-12
No 415059-MEP-WBS3			65	65	30-Mar-12	29-Jun-12
MS1102	UTILITIES AVAILABLE	0%	0	0		30-Mar-12*
MS1106	INITIAL SYNC	0%	0	0		02-Apr-12*
MS1100	TARGET UNIT 1 READY FOR FIRST FIRE	0%	0	0		01-May-12*
MS1105	TARGET UNIT2 READY FOR FIRST FIRE	0%	0	0		01-May-12*
MS1090A	TARGET MECHANICAL COMPLETION-U1 and U2 (Target 01MAY12)	0%	0	0		01-May-12*
MS1090B	TARGET MECHANICAL COMPLETION-U3 and U4 (Target 15MAY12)	0%	0	0		15-May-12*
MS1110	TARGET UNIT 3 READY FOR FIRST FIRE	0%	0	0		15-May-12*
MS1115	TARGET UNIT 4 READY FOR FIRST FIRE	0%	0	0		15-May-12*
MS1090C	TARGET SUBSTANTIAL COMPLETION Target (29JUN12)	0%	0	0		17-Jun-12*
MS1104	COD	0%	0	0		29-Jun-12*
OWNER RESPONSIBILITY			257	0	20-Dec-10 A	23-Dec-11 A
ENGINEERING			360	99	20-Dec-10 A	17-May-12
CIVIL			138	0	20-Dec-10 A	29-Jul-11 A
STRUCTURAL			360	30	20-Dec-10 A	17-May-12
MILESTONE			85	0	23-Jun-11 A	27-Jul-11 A
10-MANAGEMENT / ADMINISTRATION			183	0	20-Dec-10 A	25-Nov-11 A
20-EQPT/CONSTR SPECS			69	0	14-Feb-11 A	24-May-11 A
30-DRAWINGS AND MODELING			330	30	02-Feb-11 A	17-May-12
40-CALCS, ANALYSIS, STUDIES			165	0	02-Feb-11 A	23-Dec-11 A
No 415059-MEP-WBS3			165	0	02-Feb-11 A	23-Dec-11 A
EPST211000	DEVELOP STR FNDS CALCULATIONS	100%	95	0	02-Feb-11 A	12-Oct-11 A
EPST211090	DEVELOP STR ANALYSIS DOCUMENTS & MTO	100%	140	0	02-Feb-11 A	23-Dec-11 A
EPST211010	DEVELOP STR STEEL CALCULATIONS	100%	110	0	22-Apr-11 A	23-Dec-11 A
50-LISTS, DATA SHEETS, PROCEDURES			73	0	20-Dec-10 A	12-May-11 A
MECHANICAL			276	15	20-Dec-10 A	20-Jan-12
MILESTONE			0	0	20-Jul-11 A	20-Jul-11 A
10-MANAGEMENT / ADMINISTRATION			133	4	20-Dec-10 A	05-Jan-12



Second Baseline | Remaining Work | Milestone
Actual Work | Critical Remaining Work | Summary

TASK filter: All Activities

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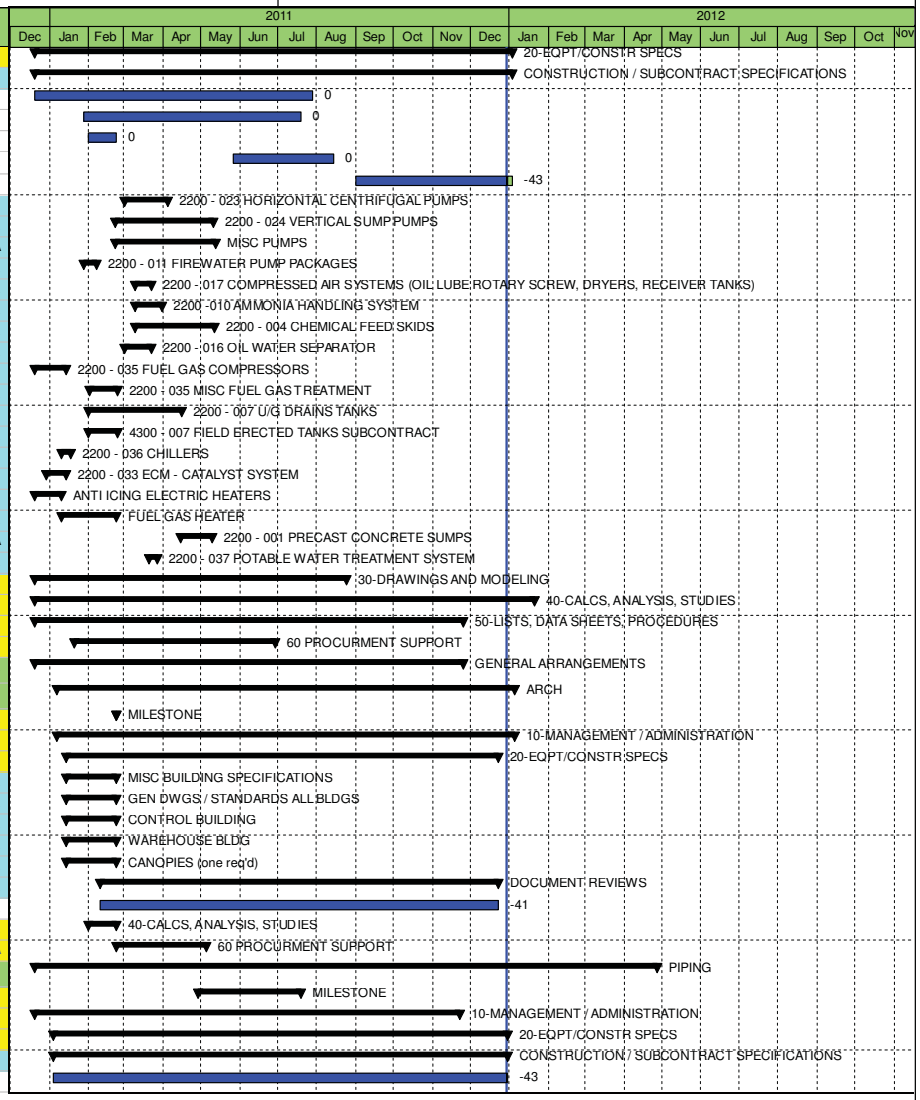
Activity ID	Activity Name	% Comp	OD	RD	Start	Finish
20-EQPT/CONSTR SPECS			210	2	20-Dec-10 A	03-Jan-12
CONSTRUCTION / SUBCONTRACT SPECIFICATIONS			210	2	20-Dec-10 A	03-Jan-12
EPX06D0522	SPECIFICATIONS GENERAL	100%	39	0	20-Dec-10 A	29-Jul-11 A
EPM501032	PREP & ISSUE FIRE PROT S/C SPECS	100%	90	0	28-Jan-11 A	20-Jul-11 A
EPM501030	PREP & ISSUE PRE-ENGR BLDG SPECS	100%	17	0	01-Feb-11 A	23-Feb-11 A
EPM501034	PREP & ISSUE CONSTR SPECS	100%	19	0	27-May-11 A	15-Aug-11 A
EPM501036	PREP & ISSUE S/U SPECS	90%	15	2	01-Sep-11 A	03-Jan-12
2200 - 023 HORIZONTAL CENTRIFUGAL PUMPS			45	0	02-Mar-11 A	05-Apr-11 A
2200 - 024 VERTICAL SUMP PUMPS			68	0	22-Feb-11 A	11-May-11 A
MISC PUMPS			50	0	22-Feb-11 A	13-May-11 A
2200 - 011 FIREWATER PUMP PACKAGES			7	0	28-Jan-11 A	07-Feb-11 A
2200 - 017 COMPRESSED AIR SYSTEMS (OIL LUBE ROTARY SCREW, DRYERS, RECEIVER TANKS)			10	0	10-Mar-11 A	23-Mar-11 A
2200 -010 AMMONIA HANDLING SYSTEM			16	0	10-Mar-11 A	31-Mar-11 A
2200 - 004 CHEMICAL FEED SKIDS			42	0	10-Mar-11 A	11-May-11 A
2200 - 016 OIL WATER SEPARATOR			16	0	01-Mar-11 A	23-Mar-11 A
2200 - 035 FUEL GAS COMPRESSORS			15	0	20-Dec-10 A	14-Jan-11 A
2200 - 035 MISC FUEL GAS TREATMENT			16	0	02-Feb-11 A	23-Feb-11 A
2200 - 007 U/G DRAINS TANKS			44	0	01-Feb-11 A	15-Apr-11 A
4300 - 007 FIELD ERECTED TANKS SUBCONTRACT			17	0	01-Feb-11 A	23-Feb-11 A
2200 - 036 CHILLERS			6	0	11-Jan-11 A	18-Jan-11 A
2200 - 033 ECM - CATALYST SYSTEM			12	0	29-Dec-10 A	14-Jan-11 A
ANTI ICING ELECTRIC HEATERS			15	0	20-Dec-10 A	11-Jan-11 A
FUEL GAS HEATER			32	0	11-Jan-11 A	23-Feb-11 A
2200 - 001 PRECAST CONCRETE SUMPS			47	0	15-Apr-11 A	10-May-11 A
2200 - 037 POTABLE WATER TREATMENT SYSTEM			16	0	21-Mar-11 A	28-Mar-11 A
30-DRAWINGS AND MODELING			137	0	20-Dec-10 A	25-Aug-11 A
40-CALCS, ANALYSIS, STUDIES			276	15	20-Dec-10 A	20-Jan-12
50-LISTS, DATA SHEETS, PROCEDURES			176	0	20-Dec-10 A	25-Nov-11 A
60 PROCURMENT SUPPORT			61	0	21-Jan-11 A	29-Jun-11 A
GENERAL ARRANGEMENTS			128	0	20-Dec-10 A	25-Nov-11 A
ARCH			76	4	07-Jan-11 A	05-Jan-12
MILESTONE			0	0	23-Feb-11 A	23-Feb-11 A
10-MANAGEMENT / ADMINISTRATION			76	4	07-Jan-11 A	05-Jan-12
20-EQPT/CONSTR SPECS			63	0	14-Jan-11 A	23-Dec-11 A
MISC BUILDING SPECIFICATIONS			29	0	14-Jan-11 A	23-Feb-11 A
GEN DWGS / STANDARDS ALL BLDGS			29	0	14-Jan-11 A	23-Feb-11 A
CONTROL BUILDING			26	0	14-Jan-11 A	23-Feb-11 A
WAREHOUSE BLDG			26	0	14-Jan-11 A	23-Feb-11 A
CANOPIES (one req'd)			29	0	14-Jan-11 A	23-Feb-11 A
DOCUMENT REVIEWS			44	0	10-Feb-11 A	23-Dec-11 A
EPAR2080	PE BLDGS - DESIGN DRAWING DOCUMENT REVIEWS/APPROVAL	100%	44	0	10-Feb-11 A	23-Dec-11 A
40-CALCS, ANALYSIS, STUDIES			17	0	01-Feb-11 A	23-Feb-11 A
60 PROCURMENT SUPPORT			38	0	23-Feb-11 A	06-May-11 A
PIPING			346	85	20-Dec-10 A	27-Apr-12
MILESTONE			51	0	29-Apr-11 A	19-Jul-11 A
10-MANAGEMENT / ADMINISTRATION			147	0	20-Dec-10 A	22-Nov-11 A
20-EQPT/CONSTR SPECS			134	1	04-Jan-11 A	30-Dec-11
CONSTRUCTION / SUBCONTRACT SPECIFICATIONS			103	1	04-Jan-11 A	30-Dec-11
EPPD00040	Develop Construction Specifications (Rem Insulation/Panting)	99%	88	1	04-Jan-11 A	30-Dec-11



Second Baseline | Remaining Work | Milestone
Actual Work | Critical Remaining Work | Summary

TASK filter: All Activities

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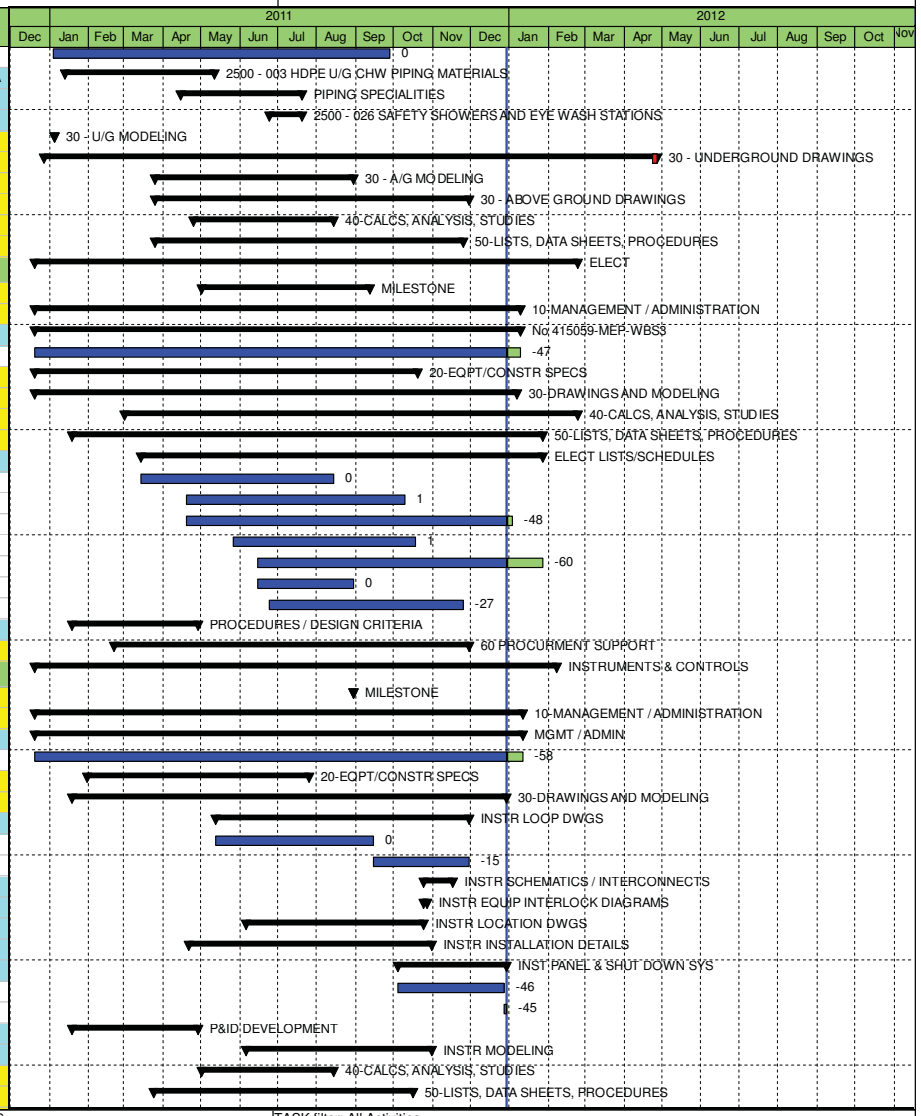
Activity ID	Activity Name	% Comp	OD	RD	Start	Finish
EPPD00050	Interdiscipline Spec Reviews	100%	103	0	04-Jan-11 A	27-Sep-11 A
2500 - 003 HDPE U/G CHW PIPING MATERIALS			56	0	13-Jan-11 A	12-May-11 A
PIPING SPECIALITIES			60	0	15-Apr-11 A	20-Jul-11 A
2500 - 026 SAFETY SHOWERS AND EYE WASH STATIONS			12	0	24-Jun-11 A	20-Jul-11 A
30 - U/G MODELING			67	0	05-Jan-11 A	05-Jan-11 A
30 - UNDERGROUND DRAWINGS			341	5	28-Dec-10 A	27-Apr-12
30 - A/G MODELING			80	0	25-Mar-11 A	30-Aug-11 A
30 - ABOVE GROUND DRAWINGS			138	0	25-Mar-11 A	30-Nov-11 A
40-CALCS, ANALYSIS, STUDIES			25	0	25-Apr-11 A	15-Aug-11 A
50-LISTS, DATA SHEETS, PROCEDURES			105	0	25-Mar-11 A	25-Nov-11 A
ELECT			301	40	20-Dec-10 A	24-Feb-12
MILESTONE			88	0	02-May-11 A	12-Sep-11 A
10-MANAGEMENT / ADMINISTRATION			157	6	20-Dec-10 A	09-Jan-12
No 415059-MEP-WBS3			157	6	20-Dec-10 A	09-Jan-12
EPE1000400	ELECT MGMT / ADMINISTRATIVE	96%	157	6	20-Dec-10 A	09-Jan-12
20-EQPT/CONSTR SPECS			223	0	20-Dec-10 A	20-Oct-11 A
30-DRAWINGS AND MODELING			286	5	20-Dec-10 A	06-Jan-12
40-CALCS, ANALYSIS, STUDIES			251	40	02-Mar-11 A	24-Feb-12
50-LISTS, DATA SHEETS, PROCEDURES			170	20	19-Jan-11 A	27-Jan-12
ELECT LISTS/SCHEDULES			131	20	15-Mar-11 A	27-Jan-12
EPE1001915	ELECT EQUIPMENT SCHEDULE & LOAD TABULATION	100%	32	0	15-Mar-11 A	15-Aug-11 A
EPE1001913	PANEL SCHEDULES	100%	15	0	20-Apr-11 A	10-Oct-11 A
EPE1001917	CIRCUIT SCHEDULE	95%	45	2	20-Apr-11 A	03-Jan-12
EPE1001923	LTG FIXTURE SCHEDULE	100%	53	0	27-May-11 A	18-Oct-11 A
EPE1001921	TERMINIATION LISTS	35%	25	20	15-Jun-11 A	27-Jan-12
EPE1001925	TEMINATION LIST PRELIM FOR BID	100%	5	0	15-Jun-11 A	30-Aug-11 A
EPE1001919	CONDUIT/TRAY SCHEDULE	100%	33	0	24-Jun-11 A	25-Nov-11 A
PROCEDURES / DESIGN CRITERIA			50	0	19-Jan-11 A	29-Apr-11 A
60 PROCURMENT SUPPORT			59	0	21-Feb-11 A	29-Nov-11 A
INSTRUMENTS & CONTROLS			288	27	20-Dec-10 A	07-Feb-12
MILESTONE			0	0	30-Aug-11 A	30-Aug-11 A
10-MANAGEMENT / ADMINISTRATION			211	8	20-Dec-10 A	11-Jan-12
MGMT / ADMIN			211	8	20-Dec-10 A	11-Jan-12
EPI100062	I&C MGMT / ADMINISTRATION	95%	211	8	20-Dec-10 A	11-Jan-12
20-EQPT/CONSTR SPECS			149	0	31-Jan-11 A	25-Jul-11 A
30-DRAWINGS AND MODELING			245	0	19-Jan-11 A	30-Dec-11 A
INSTR LOOP DWGS			163	0	13-May-11 A	30-Nov-11 A
EPI010090	PREP INSTRUMENT LOOP DRAWINGS (Preliminary)	100%	35	0	13-May-11 A	15-Sep-11 A
EPI010110	INCORP COMMENTS & ISSUE - INSTR LOOP DWGS (Final)	100%	40	0	15-Sep-11 A	30-Nov-11 A
INSTR SCHEMATICS / INTERCONNECTS			15	0	25-Oct-11 A	17-Nov-11 A
INSTR EQUIP INTERLOCK DIAGRAMS			35	0	25-Oct-11 A	28-Oct-11 A
INSTR LOCATION DWGS			108	0	06-Jun-11 A	25-Oct-11 A
INSTR INSTALLATION DETAILS			103	0	22-Apr-11 A	31-Oct-11 A
INST PANEL & SHUT DOWN SYS			41	0	05-Oct-11 A	30-Dec-11 A
EPI010226	PREP INST PANEL & SHUT DOWN SYS	100%	8	0	05-Oct-11 A	28-Dec-11 A
EPI010236	INCORP COMMENT & ISSUE INST PANEL & SHUT DOWN DETAILS	100%	1	0	28-Dec-11 A	30-Dec-11 A
P&ID DEVELOPMENT			97	0	19-Jan-11 A	29-Apr-11 A
INSTR MODELING			30	0	06-Jun-11 A	31-Oct-11 A
40-CALCS, ANALYSIS, STUDIES			11	0	02-May-11 A	15-Aug-11 A
50-LISTS, DATA SHEETS, PROCEDURES			64	0	25-Mar-11 A	17-Oct-11 A



Second Baseline | Remaining Work | Milestone
Actual Work | Critical Remaining Work | Summary

TASK filter: All Activities

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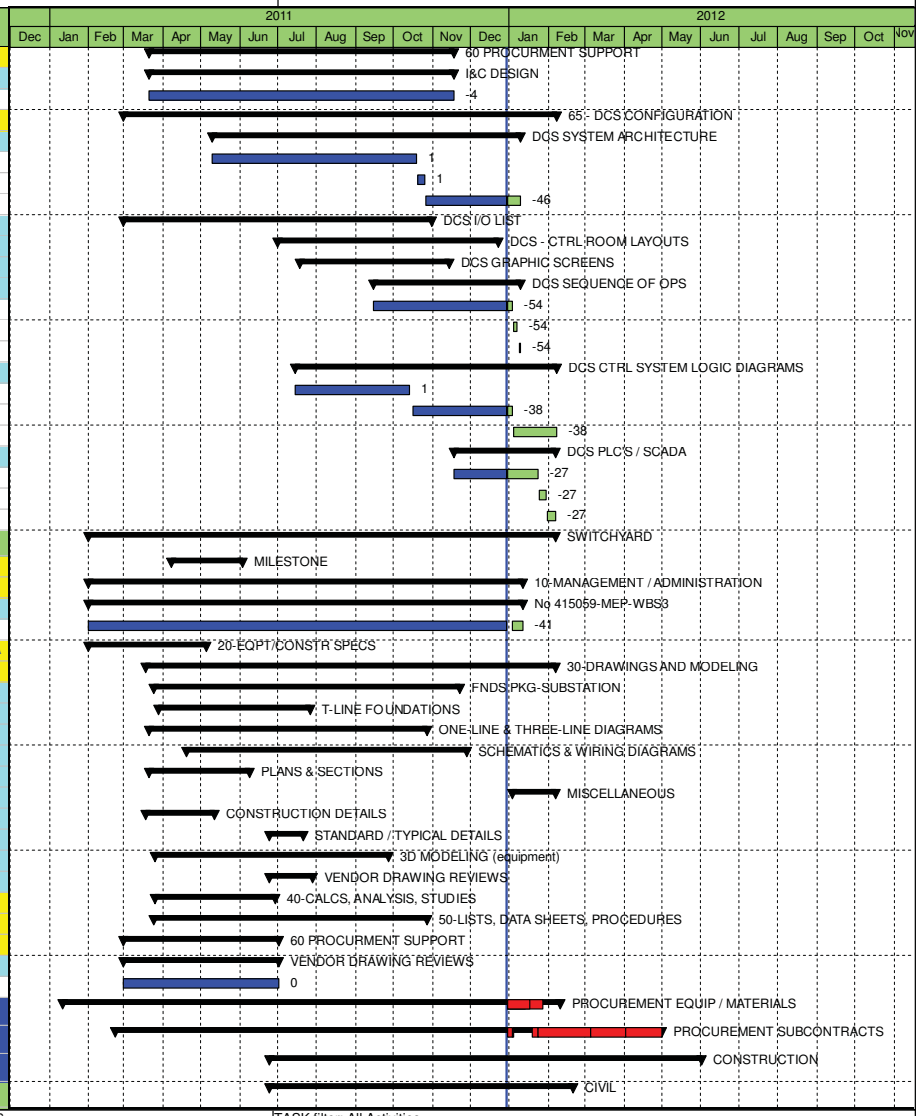
Activity ID	Activity Name	% Comp	OD	RD	Start	Finish
60 PROCURMENT SUPPORT			130	0	21-Mar-11 A	18-Nov-11 A
I&C DESIGN			130	0	21-Mar-11 A	18-Nov-11 A
EPM500132	PROCUREMENT SUPPORT	100%	130	0	21-Mar-11 A	18-Nov-11 A
65 - DCS CONFIGURATION			239	27	01-Mar-11 A	07-Feb-12
DCS SYSTEM ARCHITECTURE			138	6	10-May-11 A	09-Jan-12
EPM600112	DEVELOP DCS SYSTEM ARCHITECTURE	100%	45	0	10-May-11 A	19-Oct-11 A
EPM600114	ENG REVIEW DCS SYSTEM ARCHITECTURE	100%	5	0	20-Oct-11 A	26-Oct-11 A
EPM600116	ISSUE DCS SYSTEM ARCHITECTURE (post FAT)	95%	3	6	27-Oct-11 A	09-Jan-12
DCS I/O LIST			188	0	01-Mar-11 A	31-Oct-11 A
DCS - CTRL ROOM LAYOUTS			98	0	01-Jul-11 A	23-Dec-11 A
DCS GRAPHIC SCREENS			85	0	18-Jul-11 A	14-Nov-11 A
DCS SEQUENCE OF OPS			9	6	15-Sep-11 A	09-Jan-12
EPM600124	DEVELOP SEQ OF OPS	50%	5	2	15-Sep-11 A	03-Jan-12
EPM600126	ENG REVIEW SO OPS	0%	3	3	04-Jan-12	06-Jan-12
EPM600128	ISSUE DCS SOPS	0%	1	1	09-Jan-12	09-Jan-12
DCS CTRL SYSTEM LOGIC DIAGRAMS			129	27	15-Jul-11 A	07-Feb-12
EPM500160	DEVELOP DCS CTRL SYS LOGIC DIAGRAMS	100%	25	0	15-Jul-11 A	14-Oct-11 A
EPM500220	ENG REVIEW DCS CTRL SYS LOGIC DIAGRAMS	90%	15	2	17-Oct-11 A	03-Jan-12
EPM500230	ISSUE DCS CTRL SYS LOGIC DIAGRAMS	0%	25	25	04-Jan-12	07-Feb-12
DCS PLC'S / SCADA			53	26	18-Nov-11 A	06-Feb-12
EPM500170	DEVELOP DCS PLC'S/SCADA/AGC	15%	20	16	18-Nov-11 A	23-Jan-12
EPM500240	ENG REVIEW DCS PLC'S	0%	5	5	24-Jan-12	30-Jan-12
EPM500250	ISSUE DCS PLC'S	0%	5	5	31-Jan-12	06-Feb-12
SWITCHYARD			258	25	01-Feb-11 A	06-Feb-12
MILESTONE			38	0	08-Apr-11 A	03-Jun-11 A
10-MANAGEMENT / ADMINISTRATION			138	7	01-Feb-11 A	11-Jan-12
No 415059-MEP-WBS3			138	7	01-Feb-11 A	11-Jan-12
EPSSW1001	SWYD - MGMT / ADMINISTRATIVE	95%	138	7	01-Feb-11 A	11-Jan-12
20-EQPT/CONSTR SPECS			68	0	01-Feb-11 A	05-May-11 A
30-DRAWINGS AND MODELING			225	25	18-Mar-11 A	06-Feb-12
FNDS PKG-SUBSTATION			159	0	25-Mar-11 A	22-Nov-11 A
T-LINE FOUNDATIONS			105	0	28-Mar-11 A	27-Jul-11 A
ONE-LINE & THREE-LINE DIAGRAMS			173	0	21-Mar-11 A	28-Oct-11 A
SCHEMATICS & WIRING DIAGRAMS			134	0	20-Apr-11 A	28-Nov-11 A
PLANS & SECTIONS			101	0	21-Mar-11 A	09-Jun-11 A
MISCELLANEOUS			25	25	03-Jan-12	06-Feb-12
CONSTRUCTION DETAILS			39	0	18-Mar-11 A	11-May-11 A
STANDARD / TYPICAL DETAILS			19	0	24-Jun-11 A	21-Jul-11 A
3D MODELING (equipment)			8	0	25-Mar-11 A	27-Sep-11 A
VENDOR DRAWING REVIEWS			30	0	24-Jun-11 A	29-Jul-11 A
40-CALCS, ANALYSIS, STUDIES			12	0	25-Mar-11 A	29-Jun-11 A
50-LISTS, DATA SHEETS, PROCEDURES			100	0	25-Mar-11 A	28-Oct-11 A
60 PROCURMENT SUPPORT			15	0	01-Mar-11 A	01-Jul-11 A
VENDOR DRAWING REVIEWS			15	0	01-Mar-11 A	01-Jul-11 A
EPSSW1065	SWYD PROCUREMENT SUPPORT/Vendor Reviews	100%	15	0	01-Mar-11 A	01-Jul-11 A
PROCUREMENT EQUIP / MATERIALS			311	30	12-Jan-11 A	10-Feb-12
PROCUREMENT SUBCONTRACTS			303	86	22-Feb-11 A	30-Apr-12
CONSTRUCTION			240	110	24-Jun-11 A	01-Jun-12
CIVIL			70	36	24-Jun-11 A	20-Feb-12



Second Baseline | Remaining Work | Milestone
Actual Work | Critical Remaining Work | Summary

TASK filter: All Activities

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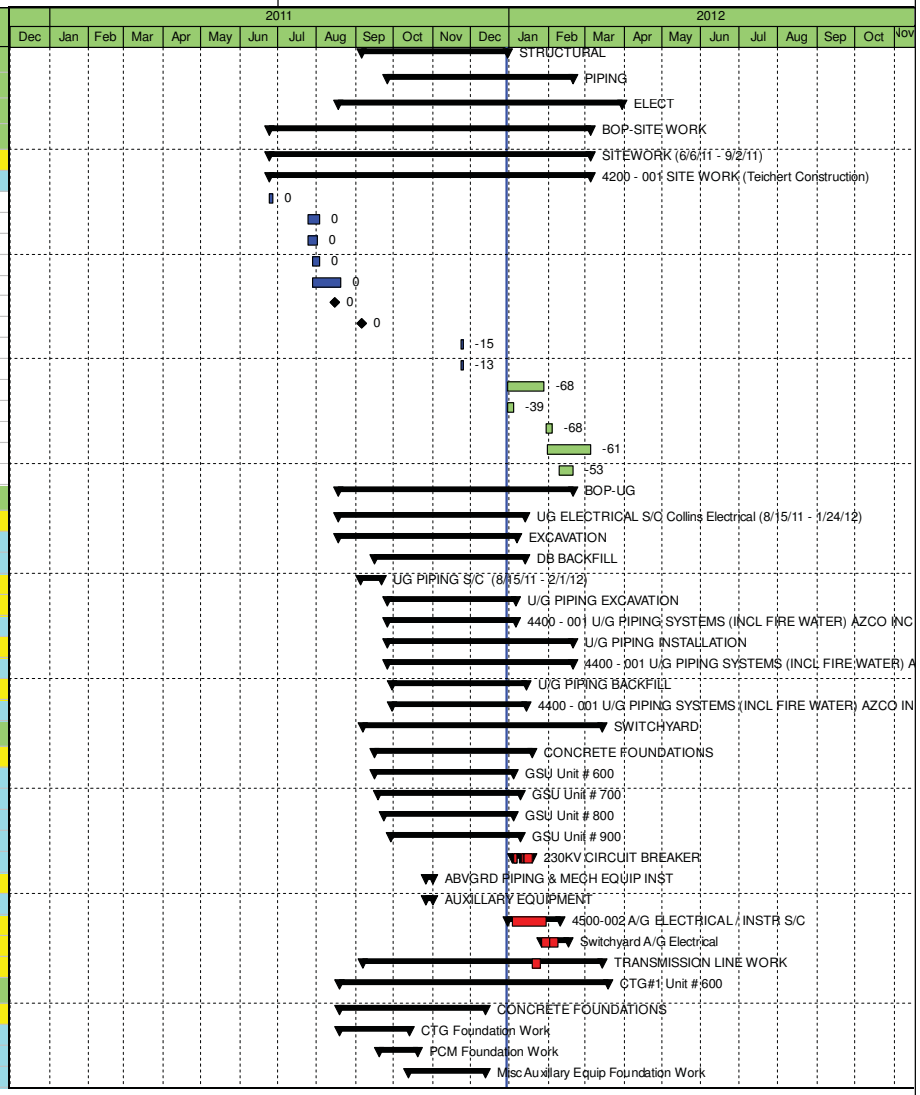
Activity ID	Activity Name	% Comp	OD	RD	Start	Finish
STRUCTURAL			55	0	06-Sep-11 A	30-Dec-11
PIPING			85	36	26-Sep-11 A	20-Feb-12
ELECT			116	65	18-Aug-11 A	30-Mar-12
BOP-SITE WORK			214	56	24-Jun-11 A	05-Mar-12
SITEWORK (6/6/11 - 9/2/11)			214	56	24-Jun-11 A	05-Mar-12
4200 - 001 SITE WORK (Teichert Construction)			214	56	24-Jun-11 A	05-Mar-12
CS0SIT146	SITE SURVEY & SWPP INST (LNTP)	100%	2	0	24-Jun-11 A	27-Jun-11 A
CS0SIT148	PREP CONSTRUCTION LAYDOWN & OFFICE AREA	100%	5	0	25-Jul-11 A	03-Aug-11 A
CS0SIT152	GRADE PERMANENT SITE ENTRANCE ROAD	100%	3	0	25-Jul-11 A	01-Aug-11 A
CS0SIT150	CONSTRUCT CRAFT PARKING AND CONSTRUCTION SITE ACCESS ROAD	100%	10	0	29-Jul-11 A	03-Aug-11 A
CS0SIT154	GRADE PLANT SITE	100%	20	0	29-Jul-11 A	19-Aug-11 A
CS0SIT140	BEGIN UG PIPING / ELECT/ UTILITIES	100%	0	0	15-Aug-11 A	
CS0SIT144	BEGIN FOUNDATION WORK	100%	0	0	06-Sep-11 A	
CS0SIT160	EXCAVATE-INSTALL-BACKFILL 30" HDPE CULVERT	100%	2	0	24-Nov-11 A	25-Nov-11 A
CS0SIT162	EXCAVATE-INSTALL-BACKFILL 36" HDPE CULVERT	100%	2	0	24-Nov-11 A	25-Nov-11 A
CS0SIT156	INSTALL PERIMETER DRAINAGE DITCH	0%	25	25	30-Dec-11	28-Jan-12
CS0SIT164	INSTALL RIP RAP ENERGY DISSIPATORS	0%	4	4	30-Dec-11	04-Jan-12
CS0SIT158	PERIMETER DRAINAGE DITCH EROSION CTRL	0%	5	5	30-Jan-12	03-Feb-12
CS0SIT168	INSTALL PLANT ROAD SUBBASE MATERIAL	0%	30	30	31-Jan-12	05-Mar-12
CS0SIT166	INSTALL SITE SECURITY FENCING	0%	10	10	09-Feb-12	20-Feb-12
BOP-UG			149	36	18-Aug-11 A	20-Feb-12
UG ELECTRICAL S/C Collins Electrical (8/15/11 - 1/24/12)			112	5	18-Aug-11 A	13-Jan-12
EXCAVATION			104	5	18-Aug-11 A	06-Jan-12
DB BACKFILL			81	0	16-Sep-11 A	13-Jan-12 A
UG PIPING S/C (8/15/11 - 2/1/12)			0	0	05-Sep-11 A	22-Sep-11 A
U/G PIPING EXCAVATION			62	4	26-Sep-11 A	05-Jan-12
4400 - 001 U/G PIPING SYSTEMS (INCL FIRE WATER) AZCO INC			62	4	26-Sep-11 A	05-Jan-12
U/G PIPING INSTALLATION			107	36	26-Sep-11 A	20-Feb-12
4400 - 001 U/G PIPING SYSTEMS (INCL FIRE WATER) AZCO INC			107	36	26-Sep-11 A	20-Feb-12
U/G PIPING BACKFILL			108	10	30-Sep-11 A	14-Jan-12
4400 - 001 U/G PIPING SYSTEMS (INCL FIRE WATER) AZCO INC			108	10	30-Sep-11 A	14-Jan-12
SWITCHYARD			136	53	06-Sep-11 A	14-Mar-12
CONCRETE FOUNDATIONS			84	13	16-Sep-11 A	18-Jan-12
GSU Unit # 600			74	3	16-Sep-11 A	04-Jan-12
GSU Unit # 700			70	3	19-Sep-11 A	09-Jan-12
GSU Unit # 800			69	3	23-Sep-11 A	04-Jan-12
GSU Unit # 900			68	3	29-Sep-11 A	09-Jan-12
230KV CIRCUIT BREAKER			12	12	03-Jan-12	18-Jan-12
ABVGRD PIPING & MECH EQUIP INST			6	0	27-Oct-11 A	01-Nov-11 A
AUXILLARY EQUIPMENT			6	0	27-Oct-11 A	01-Nov-11 A
4500-002 A/G ELECTRICAL / INSTR S/C			30	29	30-Dec-11 A	10-Feb-12
Switchyard A/G Electrical			16	16	26-Jan-12	16-Feb-12
TRANSMISSION LINE WORK			136	53	06-Sep-11 A	14-Mar-12
CTG#1 Unit # 600			140	56	19-Aug-11 A	19-Mar-12
CONCRETE FOUNDATIONS			72	0	19-Aug-11 A	12-Dec-11 A
CTG Foundation Work			38	0	19-Aug-11 A	14-Oct-11 A
PCM Foundation Work			18	0	20-Sep-11 A	20-Oct-11 A
Misc Auxillary Equip Foundation Work			44	0	13-Oct-11 A	12-Dec-11 A



Second Baseline | Remaining Work | Milestone
Actual Work | Critical Remaining Work | Summary

TASK filter: All Activities

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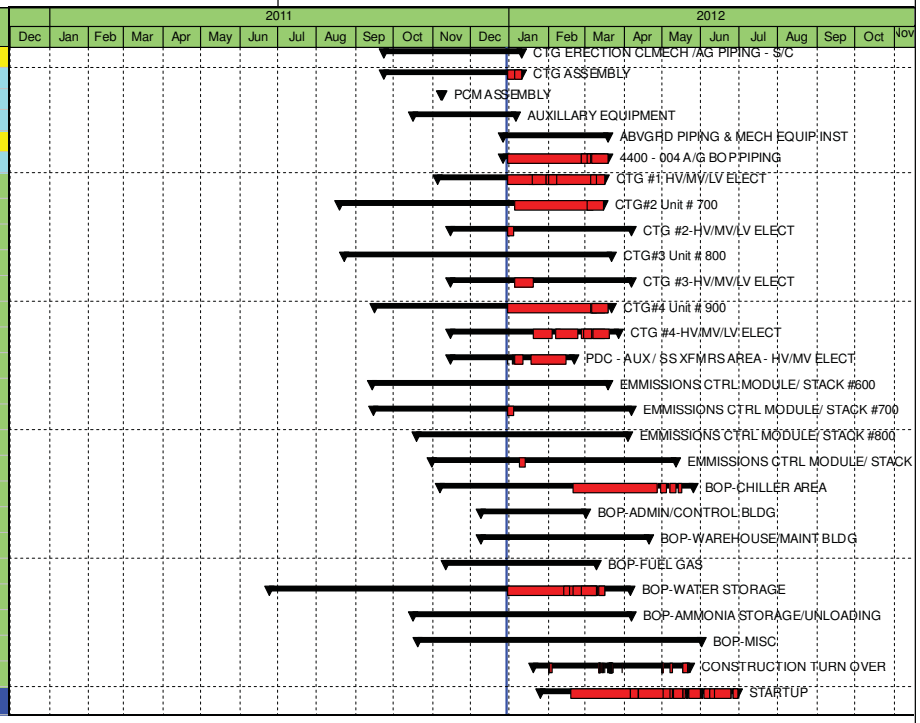
Activity ID	Activity Name	% Comp	OD	RD	Start	Finish
	CTG ERECTION CLMECH /AG PIPING - S/C		78	7	23-Sep-11 A	10-Jan-12
	CTG ASSEMBLY		69	7	23-Sep-11 A	10-Jan-12
	PCM ASSEMBLY		2	0	08-Nov-11 A	09-Nov-11 A
	AUXILLARY EQUIPMENT		65	4	17-Oct-11 A	05-Jan-12
	ABVGRD PIPING & MECH EQUIP INST		56	56	27-Dec-11 A	19-Mar-12
	4400 - 004 A/G BOP PIPING		56	56	27-Dec-11 A	19-Mar-12
	CTG #1 HV/MV/LV ELECT		82	55	05-Nov-11 A	16-Mar-12
	CTG#2 Unit # 700		129	54	19-Aug-11 A	15-Mar-12
	CTG #2-HV/MV/LV ELECT		97	70	15-Nov-11 A	06-Apr-12
	CTG#3 Unit # 800		129	58	23-Aug-11 A	21-Mar-12
	CTG #3-HV/MV/LV ELECT		97	70	15-Nov-11 A	06-Apr-12
	CTG#4 Unit # 900		124	58	16-Sep-11 A	21-Mar-12
	CTG #4-HV/MV/LV ELECT		89	62	15-Nov-11 A	27-Mar-12
	PDC - AUX / SS XFMRS AREA - HV/MV ELECT		62	37	15-Nov-11 A	21-Feb-12
	EMMISSIONS CTRL MODULE/ STACK #600		113	56	14-Sep-11 A	19-Mar-12
	EMMISSIONS CTRL MODULE/ STACK #700		136	70	15-Sep-11 A	06-Apr-12
	EMMISSIONS CTRL MODULE/ STACK #800		115	67	19-Oct-11 A	03-Apr-12
	EMMISSIONS CTRL MODULE/ STACK #900		135	95	31-Oct-11 A	11-May-12
	BOP-CHILLER AREA		128	105	07-Nov-11 A	25-May-12
	BOP-ADMIN/CONTROL BLDG		57	44	09-Dec-11 A	01-Mar-12
	BOP-WAREHOUSE/MAINT BLDG		93	73	09-Dec-11 A	20-Apr-12
	BOP-FUEL GAS		81	50	12-Nov-11 A	09-Mar-12
	BOP-WATER STORAGE		199	69	24-Jun-11 A	05-Apr-12
	BOP-AMMONIA STORAGE/UNLOADING		110	70	17-Oct-11 A	06-Apr-12
	BOP-MISC		124	110	20-Oct-11 A	01-Jun-12
	CONSTRUCTION TURN OVER		89	89	20-Jan-12	23-May-12
	STARTUP		113	113	25-Jan-12	30-Jun-12



Second Baseline | Remaining Work | Milestone
Actual Work | Critical Remaining Work | Summary

TASK filter: All Activities

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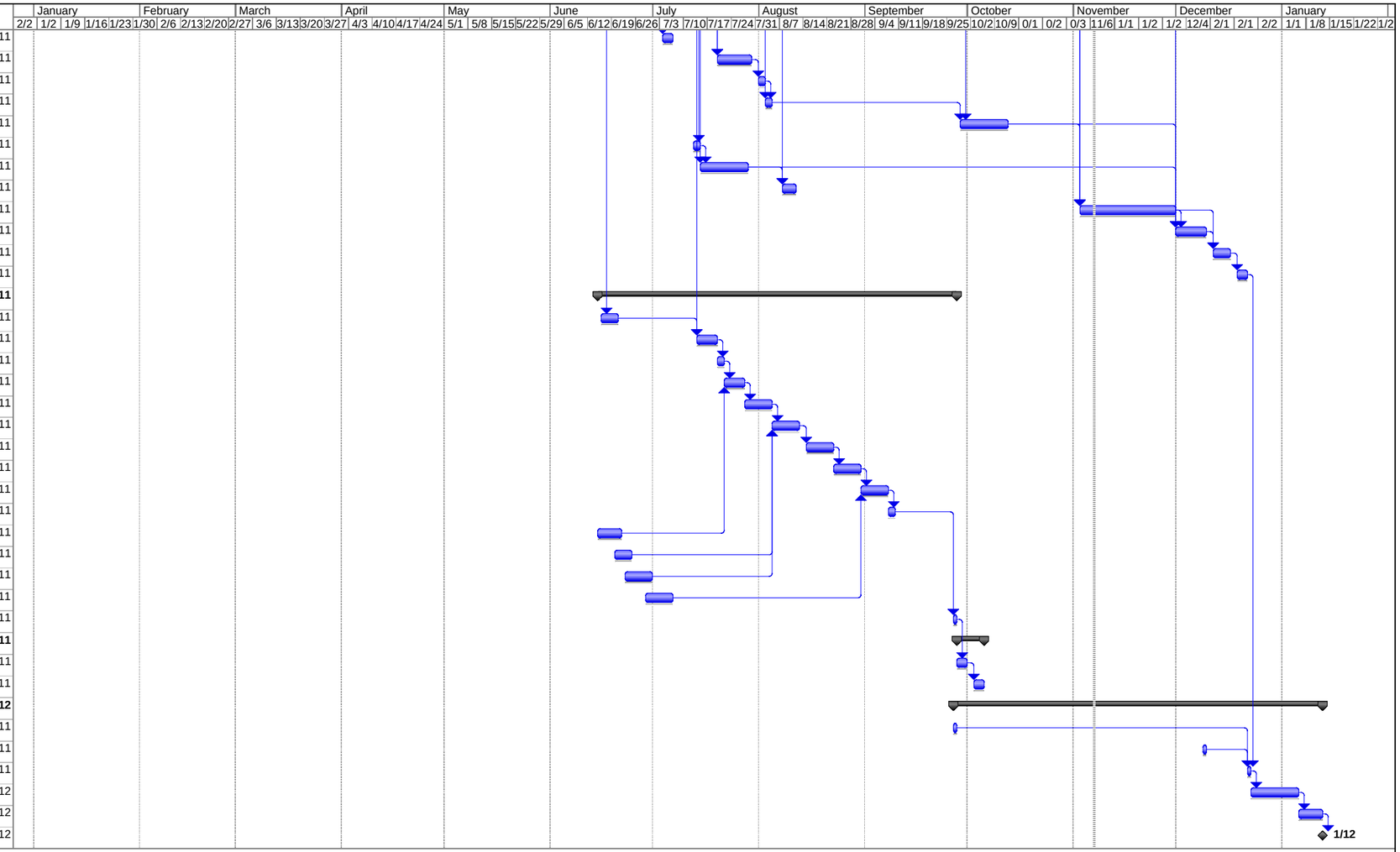
BBID Schedule

ID		ID	Task Name	Duration	Start	Finish
1		1	CEC Permit to Construct	19 wks	Mon 1/3/11	Fri 5/13/11
2		2	Notice to Proceed	0 days	Fri 3/4/11	Fri 3/4/11
3		3	Mobilization	1 day	Wed 6/15/11	Wed 6/15/11
4		4	Sedimentation and Errosion Control Measures	3 days	Wed 6/1/11	Fri 6/3/11
5		**5**	**Submittal Preparation**	**15 days**	**Fri 3/4/11**	**Thu 3/24/11**
6		6	Adminstrative - Work Plans	10 days	Fri 3/4/11	Thu 3/17/11
7		7	Pumps	15 days	Fri 3/4/11	Thu 3/24/11
8		8	Surge Tank	15 days	Fri 3/4/11	Thu 3/24/11
9		9	Precast Concrete	15 days	Fri 3/4/11	Thu 3/24/11
10		10	Pipe and Fittings	10 days	Fri 3/4/11	Thu 3/17/11
11		11	Cathodic Protection	10 days	Fri 3/4/11	Thu 3/17/11
12		12	Aggregates	10 days	Fri 3/4/11	Thu 3/17/11
13		13	Concrete	10 days	Fri 3/4/11	Thu 3/17/11
14		14	Instrumentation	10 days	Fri 3/4/11	Thu 3/17/11
15		**15**	**Prefab Building - By Others**	**10 days**	**Fri 3/4/11**	**Thu 3/17/11**
16		16	Building Reactions	10 days	Fri 3/4/11	Thu 3/17/11
17		17	Doors and frames	10 days	Fri 3/4/11	Thu 3/17/11
18		18	A/C Unti	10 days	Fri 3/4/11	Thu 3/17/11
19		19	Miscellaneous Metals	10 days	Fri 3/4/11	Thu 3/17/11
20		**20**	**Submittal Review and Approval**	**150 days**	**Fri 3/25/11**	**Thu 10/20/11**
21		21	Administrative - Work Plans	15 days	Fri 3/25/11	Thu 4/14/11
22		22	Pumps	3 days	Fri 3/25/11	Tue 3/29/11
23		23	Surge Tank	38 days	Fri 3/25/11	Tue 5/17/11
24		24	Precast Concrete	54 days	Fri 3/25/11	Wed 6/8/11
25		25	Pipe and Fittings	42 days	Fri 3/25/11	Mon 5/23/11
26		26	Cathodic Protection	6 days	Fri 3/25/11	Fri 4/1/11
27		27	Aggregates	29 days	Fri 3/25/11	Wed 5/4/11
28		28	Concrete	38 days	Fri 3/25/11	Tue 5/17/11
29		**29**	**Prefab Building - By Others**	**150 days**	**Fri 3/25/11**	**Thu 10/20/11**
30		30	Building Reactions	80 days	Fri 3/25/11	Thu 7/14/11
31		31	Doors and Frames	22 days	Fri 3/25/11	Mon 4/25/11
32		32	A/C Unit	150 days	Fri 3/25/11	Thu 10/20/11
33		33	Instrumentation	15 days	Fri 3/25/11	Thu 4/14/11
34		34	Traveling Fine Screen	46 days	Fri 3/25/11	Fri 5/27/11
35		35	Miscellaneous Metals	15 days	Fri 3/25/11	Thu 4/14/11
36		**36**	**Owner Furnished Equipment**	**147 days**	**Fri 2/4/11**	**Mon 8/29/11**
37		37	Transformer - Fabrication and Delivery	11 wks	Thu 5/12/11	Wed 7/27/11
38		38	MCC - Fabrication and Delivery	15 wks	Tue 5/17/11	Mon 8/29/11
39		39	Sectionalizing Switch - Fabrication and Delivery	13 wks	Fri 2/4/11	Thu 5/5/11
40		**40**	**Manufacture and Deliver Material**	**131 days**	**Wed 3/30/11**	**Wed 9/28/11**
41		41	Pumps	60 days	Wed 3/30/11	Tue 6/21/11
42		42	Surge Tank	40 days	Wed 5/18/11	Tue 7/12/11
43		43	Precast Concrete	14 days	Thu 6/9/11	Tue 6/28/11
44		44	Pipe and Fittings	10 days	Tue 5/24/11	Mon 6/6/11
45		45	Cathodic Protection	10 days	Mon 4/4/11	Fri 4/15/11
46		46	Reinforcing Steel	10 days	Wed 5/18/11	Tue 5/31/11
47		47	Instrumentation	60 days	Fri 4/15/11	Thu 7/7/11
48		48	Prefab Building and accessories	6 wks	Thu 8/18/11	Wed 9/28/11
49		49	Traveling Fine Screen	10 wks	Mon 5/30/11	Fri 8/5/11
50		50	Miscellaneous Metals	15 days	Fri 4/15/11	Thu 5/5/11
51		**51**	**Pump Station**	**136 days**	**Wed 6/15/11**	**Wed 12/21/11**
52		52	Pothole Utilities	3 days	Wed 6/15/11	Fri 6/17/11
53		53	Demo Existing Well Structure	3 days	Mon 6/20/11	Wed 6/22/11
54		54	Install Junction Structure and RCP Pipe	3 days	Wed 6/29/11	Fri 7/1/11

Project: Project1
Date: Mon 11/7/11

Task | Progress | Summary | External Tasks | Deadline
Split | Milestone | Project Summary | External Milestone

ID		ID	Task Name	Duration	Start	Finish
55		55	Install Precast Wet Well	3 days	Mon 7/4/11	Wed 7/6/11
56		56	Building Foundation	8 days	Wed 7/20/11	Fri 7/29/11
57		57	Surge Tank Foundation	2 days	Mon 8/1/11	Tue 8/2/11
58		58	Install Pumps	2 days	Wed 8/3/11	Thu 8/4/11
59		59	Install Prefab Building	10 days	Thu 9/29/11	Wed 10/12/11
60		60	Install Surge Tank	2 days	Wed 7/13/11	Thu 7/14/11
61		61	Install Pump Station Piping	10 days	Fri 7/15/11	Thu 7/28/11
62		62	Install Traveling Screen	4 days	Mon 8/8/11	Thu 8/11/11
63		63	Electrical - By Others	4 wks	Thu 11/3/11	Wed 11/30/11
64		64	Install Instrumentation	7 days	Thu 12/1/11	Fri 12/9/11
65		65	Test Piping, Tanks, and Pumps	5 days	Mon 12/12/11	Fri 12/16/11
66		66	Painting	3 days	Mon 12/19/11	Wed 12/21/11
67		**67**	**Pipeline**	**75 days**	**Wed 6/15/11**	**Tue 9/27/11**
68		68	Pothole	3 days	Thu 6/16/11	Mon 6/20/11
69		69	Excavate, Lay, Backfill Station 10+04 to 20+00	4 days	Thu 7/14/11	Tue 7/19/11
70		70	Excavate, Lay, Backfill Station 20+00 to 30+00	2 days	Wed 7/20/11	Thu 7/21/11
71		71	Excavate, Lay, Backfill Station 30+00 to 40+00	4 days	Fri 7/22/11	Wed 7/27/11
72		72	Excavate, Lay, Backfill Station 40+00 to 50+00	6 days	Thu 7/28/11	Thu 8/4/11
73		73	Excavate, Lay, Backfill Station 50+00 to 60+00	6 days	Fri 8/5/11	Fri 8/12/11
74		74	Excavate, Lay, Backfill Station 60+00 to 70+00	6 days	Mon 8/15/11	Mon 8/22/11
75		75	Excavate, Lay, Backfill Station 70+00 to 80+00	6 days	Tue 8/23/11	Tue 8/30/11
76		76	Excavate, Lay, Backfill Station 80+00 to 90+00	6 days	Wed 8/31/11	Wed 9/7/11
77		77	Excavate, Lay, Backfill Station 90+00 to 92+86	2 days	Thu 9/8/11	Fri 9/9/11
78		78	Install Casing Station 37+16 to 37+36	5 days	Wed 6/15/11	Tue 6/21/11
79		79	Install Casing Station 54+46 to 54+66	5 days	Mon 6/20/11	Fri 6/24/11
80		80	Install Casing Station 57+16 to 57+41	6 days	Thu 6/23/11	Thu 6/30/11
81		81	Install Casing Station 89+21 to 89+51	6 days	Wed 6/29/11	Wed 7/6/11
82		82	Hydrotest Pipeline	1 day	Tue 9/27/11	Tue 9/27/11
83		**83**	**Restoration**	**6 days**	**Wed 9/28/11**	**Wed 10/5/11**
84		84	Pave Corssings and Damaged Areas	3 days	Wed 9/28/11	Fri 9/30/11
85		85	Place Shoulder Backing	3 days	Mon 10/3/11	Wed 10/5/11
86		**86**	**Completion**	**78 days**	**Tue 9/27/11**	**Thu 1/12/12**
87		87	Make Pipeline Connection to Pump Station	1 day	Tue 9/27/11	Tue 9/27/11
88		88	Make Pipeline Connection to DGC (place holder)	1 day	Fri 12/9/11	Fri 12/9/11
89		89	Substantial Completion	1 day	Thu 12/22/11	Thu 12/22/11
90		90	Punchlist	10 days	Fri 12/23/11	Thu 1/5/12
91		91	Demobilization	5 days	Fri 1/6/12	Thu 1/12/12
92		92	Final Completion	0 days	Thu 1/12/12	Thu 1/12/12



Project: Project1
Date: Mon 11/7/11

Task | Progress | Summary | External Tasks | Deadline
Split | Milestone | Project Summary | External Milestone

Exhibit 3
Look Ahead Schedules

LG Schedule

OVERAA

MONDAY- 12-27-11

JOB # 3211

MARIPOSA ENERGY PROJ.

Activity Description	Week 16							Week 17							Week 18							Week 19							Week 19							TARGET START DATE	Comments
	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su		
	12/19	12/20	12/21	12/22	12/23	12/24	12/25	12/26	12/27	12/28	12/29	1/12	1/13	1/14	1/2	1/3	1/4	1/5	1/6	1/7	1/8	1/9	1/10	1/11	1/12	1/13	1/14	1/15	1/16	1/17	1/18	1/19	1/20	1/21	1/22		
MOB																																					I=INSPECTION
OVERAA FOUNDATIONS																																					P=POUR
#43-36-38-37																																					
FORM SOG									X	X	X	X				X	X																				DELAYED DUE TO UNDERGOUND PIPING
INSTALL REBAR										X	X	X				X	X																				START DATE WAS 11-28-11
INSTALL BOLT											X						X																				
IOR -LG INSPECTION											I							I																			
PLACE & FINISH SOG												P							P																		#43 0NLY
STRIP CLEAN WATERBLAST																X	X					X	X														
#19-20-21-@ UNIT 900																																					
FORM SOG	X	X	X																																		
INSTALL REBAR		X	X																																		
IOR -LG INSPECTION				I																																	
PLACE & FINISH SOG					P																																
STRIP CLEAN WATERBLAST									X	X																											
FORM SOG																																					ORIGINAL START DATE 11-28-11
INSTALL REBAR																																					
INSTALL BOLTS																																					
IOR -LG INSPECTION																																					
PLACE AND FINISH SOG																																					
STRIP CLEAN WATERBLAST																																					
MISC. FND #800 6-7-8-9-10&17																																					
FORM SOG	X	X	X																																		
INSTALL REBAR		X	X	X																																	
INSTALL BOLTS				X																																	
IOR -LG INSPECTION				I																																	
PLACE AND FINISH SOG					P																																
STRIP CLEAN WATERBLAST									X																												
MISC. FND #900 6-7-8-9-10&17																																					
FORM SOG									X	X	X																										
INSTALL REBAR											X	X				X																					
INSTALL BOLTS																X																					
IOR -LG INSPECTION																I																					
PLACE AND FINISH SOG																	P																				
STRIP CLEAN WATERBLAST																		X	X																		
LUBE OIL COOLER&CTG TRANSFORMER@600																																					
FORM SOG																																					DELAYED DUE TO UNDERGROUND ELC.
INSTALL REBAR																																					& PIPING
FORM CURB INTSALL WATER STOP																																					THESE AREAS ARE OVERAA'S
IOR -LG INSPECTION																																					CRITICAL PATH
PLACE AND FINISH																																					ORIGANAL START 11-14-11
STRIP CLEAN WATERBLAST																																					
FORM CURBS AND PEDS																																					
INSTALL BOLTS & IMBEDS	X	X	X	X																																	
IOR -LG INSPECTION				I																																	
PLACE & FINISH CURB AND PEDS					P																																
STRIP CLEAN WATERBLAST									X	X																											

3:46 PM 1/3/2012

OVERAA

MONDAY- 12-27-11

JOB # 3211

MARIPOSA ENERGY PROJ.

Activity Description	Week 16							Week 17							Week 18							Week 19							Week 19							TARGET START DATE	Comments
	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su		
	12/19	12/20	12/21	12/22	12/23	12/24	12/25	12/26	12/27	12/28	12/29	1/12	1/13	1/14	1/2	1/3	1/4	1/5	1/6	1/7	1/8	1/9	1/10	1/11	1/12	1/13	1/14	1/15	1/16	1/17	1/18	1/19	1/20	1/21	1/22		
LUBE OILCOOLER&CTG TRANSFORMER @ 700																																					
FORM SOG																																					
INSTALL REBAR																																					
FORM CURB INSTALL WATERSTOP		X	X	X	X																																
IOR -LG INSPECTION					I																																
PLACE AND FINISH SOG									P																												
STRIP CLEAN WATERBLAST										X	X																										
FORM CURB AND PEDS										X	X	X				X																					
INSTALL BOLTS & IMBEDS																X																					
IOR -LG INSPECTION																I																					
PLACE AND FINISH PEDS AND CURB																	P																				
STRIP CLEAN WATERBLAST																		X	X																		
LUBE OIL COOLER&CTG TRANSFORMER@800																																					
FORM SOG					X				X	X	X																										
INSTALL REBAR									X	X	X																										
FORM CURB AND WATERSTOP									X	X	X																										
IOR -LG INSPECTION											I																										
PLACE AND FINISH SOG												P																									
STRIP CLEAN WATERBLAST																X	X																				
FORM CURB AND PEDS																X	X	X	X																		
IOR -LG INSPECTION																			I																		
PLACE AND FINISH PEDS AND CURB																						P															
STRIP CLEAN WATERBLAST																							X	X													
LUBE OIL COOLER&CTG TRANSFORMER@900																																					
FORM SOG											X	X				X	X																				
INSTALL REBAR												X				X	X																				
FORM CURB & WATERSTOP																X	X																				
IOR -LG INSPECTION																	I																				
PLACE AND FINISH SOG																		P																			
STRIP CLEAN WATERBLAST																			X																		
FORM CURB AND PEDS																			X			X	X	X													
IOR -LG INSPECTION																								I													
PLACE AND FINISH CURBS AND PEDS																									P												
STRIP CLEAN WATERBLAST																										X											
#33-25&26																																					PDC DELAYED DUE TO UNDERGROUND ELC.
FORM SOG																X	X	X																			ORIGANAL STRART DATE 11-21-11
INSTALL REBAR																	X	X																			
IOR -LG INSPECTION																		I																			
PLACE AND FINISH SOG																			P																		
STRIP CLEAN WATERBLAST																						X	X														
AUX. STATION SERVICE TRANS. #23																																					
FORM SOG																																					
INSTALL REBAR			X	X																																	
FORM CURB & WATERSTOP	X	X	X	X																																	
IOR -LG INSPECTION				I																																	

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OVERAA

MONDAY- 12-27-11

JOB # 3211

MARIPOSA ENERGY PROJ.

Activity Description	Week 16							Week 17							Week 18							Week 19							Week 19							TARGET START DATE	Comments
	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su		
	12/19	12/20	12/21	12/22	12/23	12/24	12/25	12/26	12/27	12/28	12/29	1/12	1/13	1/14	1/2	1/3	1/4	1/5	1/6	1/7	1/8	1/9	1/10	1/11	1/12	1/13	1/14	1/15	1/16	1/17	1/18	1/19	1/20	1/21	1/22		
PLACE AND FINISH					P																																
STRIP CLEAN WATERBLAST									X	X																											
FORM CURBS AND PEDS									X	X	X	X																									
IOR -LG INSPECTION												I																									
PLACE AND FINISH CURBS AND PEDS																P																					
STRIP CLEAN WATERBLAST																	X	X																			
26-35-33-35-34																																					
FORM SOG											X	X				X	X	X	X			X															UNDER GROUND PIPING WONT BE DONE
INSTALL REBAR												X				X	X	X	X			X															TILL THE 4TH @#35
INSTALL BOLTS																	X					X															
IOR -LG INSPECTION																	I					I															
PLACE AND FINISH SOG																		P					P														
STRIP CLEAN WATERBLAST																			X			X		X	X												
SWITC YARD																																					
LAY OUT BATTERBOARDS AND SURVEY	X	X																																			
DRILL & POUR AND INSTALL REBAR			X	X	X				X	X	X	H				X	X	X																			H=HOLIDAY SCHEDULE
IOR -LG INSPECTION			I	I	I				I	I	I	H				I	I	I																			
PLACE & FINISH PIERS			P	P	P				P	P	P	H				P	P	P																			
STRIP CLEAN WATERBLAST																			X			X	X	X	X												
AQUES AMMONIA SYST. FND. #30																																					
FORM SOG																																					
INSTALL REBAR																																					
FORM CURB																																					
IOR -LG INSPECTION																																					
PLACE & FINISH SOG																																					
STRIP CLEAN WATERBLAST																																					
FORM CURB AND PED											X	X																									
FORM UPER SOG																																					
INSTALL REBAR																																					
IOR -LG INSPECTION																I																					
PLACE & FINISH SOG & PED AND CURB																P																					DELAYED DUE TO COMPACTION
STRIP CLEAN WATERBLAST																	X	X																			
CHILLER PACKAGE FOUNDATION #28																																					
FORM SOG																																					DELAYED DUE TO UNDERGROUND ELC.
INSTALL REBAR																																					& PIPING
IOR -LG INSPECTION																																					
PLACE & FINISG SOG																																					
STRIP CLEAN WATERBLAST																																					
FORM PEDS											X	X				X																					
PLACE AND FINISH PEDS																P																					
STRIP CLEAN WATERBLAST																	X	X																			
FUEL GAS COMPRESSOR FND. # 24																																					
FORM SOG																																					
INSTALL REBAR																																					DELAYED DUE TO UNDERGROUN ELC.
IOR -LG INSPECTION																																					& PIPING
PLACE AND FINISH SOG																																					
STRIP CLEAN WATERBLAST																																					

OVERAA

MONDAY- 12-27-11

JOB # 3211

MARIPOSA ENERGY PROJ.

Activity Description	Week 16							Week 17							Week 18							Week 19							Week 19							TARGET START DATE	Comments
	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su	M	T	W	Th	F	S	Su		
	12/19	12/20	12/21	12/22	12/23	12/24	12/25	12/26	12/27	12/28	12/29	1/12	1/13	1/14	1/2	1/3	1/4	1/5	1/6	1/7	1/8	1/9	1/10	1/11	1/12	1/13	1/14	1/15	1/16	1/17	1/18	1/19	1/20	1/21	1/22		
FORM CURBS																	X	X	X			X															
INSTALL REBAR																			X			X	X														
IOR -LG INSPECTION																							I														
PLACE AND FINISH SOG																								P													
STRIP CLEAN WATERBLAST																									X	X											
ANTI-ICE. 12&13 & MISC STAIR LANDINGS																																					
FORM SOG																																					DELAYED DUE TO UNDERGROUND PIPING
INSTALL REBAR																			X			X	X														ORIGINAL START
FORM STARTER WALL																						X	X														12/30/2011
IOR -LG INSPECTION																							I														
PLACE AND FINISH SOG																								P													
FORM WALLS AND PEDS																									X	X				X	X						
INSTALL REBAR WALLS AND PEDS																										X				X							
IOR -LG INSPECTION																															I						
PLACE AND FINISH WALLS AND PEDS																																P					
STRIP CLEAN WATERBLAST																																	X				
DE-MOB CLEAN UP AND PUNCHLIST																						X	X	X	X	C				X	X	X	X				SUBSTANTIAL COMPLETION
																																					1/13/2012
Personnel:																																					
Craft	16	16	16	16	16				19	19	19	24				19	19	19	24			16	18	13	5	5			16	18	13	5	5				
Carpenter	13	13	13	13	13				13	13	13	13				13	13	13	13			11	11	11	3	3			11	11	11	3	3				
Laborer	3	3	3	3	3				3	3	3	3				3	3	3	3			2	2	2	2	2			2	2	2	2	2				
Operators																																					
Ironworker									3	3	3	3				3	3	3	3			3							3								
DOLAN(Concrete)												5							5				5							5							
Total Personnel	5	7	7	7	7	###	###	5	7	7	7	7	###	###	5	7	7	7	7	###	###	5	7	7	7	7	###	###	5	7	7	7	7	###	###		

NORTH STAR SURVEY
IOR-LG
COLINS /ASCO
OVERAA
PCS

AZCO INC.

Above Ground

WORK ITEMS	MONTH	December							January														%
	DAY	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	COMPLETE
	DATE	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
weldout/detail 600/700 ecm				x	x	x	x				x	x	x	x				x	x	x	x		
600/700 detail inlets				x	x	x	x				x	x	x	x				x	x	x	x		
900 exhaust sole plates																							
600 machine alignments																							
700 machine alignments				x	x	x	x				x	x											
800 machine alignments													x	x				x	x	x	x		
800 scr modules 3210 and 3212																							
800 co modules 3110 and 3112				x	x	x	x				x	x	x	x				x	x	x	x		
800 ecm 4210 and 4212 ducts					x	x	x																
800 ecm 4100 duct						x	x				x	x											
800 ecm upper stack					x	x	x				x												
800/900 detail inlets																		x	x	x	x		
Level Fuel gas compressors				x	x	x	x																
600/700 inlet detailing				x	x	x	x				x	x	x	x									
600 set GE auxiliaries																							
700 set GE auxiliaries				x	x	x	x				x	x											
800 set GE auxiliaries							x				x	x	x	x				x	x				
Seal Air Fans											x	x	x	x				x	x	x	x		
Tempering Air Fans											x	x	x	x				x	x	x	x		

B = BEGIN S = SUSPEND C = COMPLETE X = ACTIVITY - - - = INTERMITTENT WORK

CLIENT CH2MHILL Mariposa ISSUE DATE: December 27, 2011

AZCO INC.

Above Ground

WORK ITEMS	MONTH	December							January														%
	DAY	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	COMPLETE
	DATE	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
600 ammonia piping																							
600 Aux piping/supports																		x	x	x	x		
600 chilled water				x	x	x	x				x	x	x	x									
700 ammonia piping											x	x	x	x				x	x	x	x		
700 GE chilled water																		x	x	x	x		
800 GE chilled water																							
900 GE chilled water																							
600 lube oil coolers				x																			
700 lube oil coolers											x	x	x	x									
Set ammonia tank																							
B = BEGIN S = SUSPEND		x		x	x	x	x				x	x											

CLIENT	CH2MHILL Mariposa	ISSUE DATE:	December 27, 2011
LOCATION	Byron, Ca 14415	BY	Joe Secola

AZCO INC.

3-WEEK LOOK AHEAD, UNDERGROUND

WORK ITEMS	MONTH	December						January															% COMPLETE	COMMENTS
	DAY	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S		
	DATE	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Balance of Plant																								
CHILLED WATE R			x	x																				includes insulation and backfill
Back fill Chilled water			x	x	x																			includes insulation and backfill
TANK FARM PIPING			x	x	x	x				x	x													includes insulation and backfill
warehouse area piping			x	x	x	x				x	x													includes insulation and backfill
chiller drains			x	x																				includes insulation and backfill
Fuel gas drains																								Complete
DEMINERALIZED WATER			x	x	x																			includes insulation and backfill
Pipe testing			x	x	x	x				x	x	x	x			x	x	x	x	x				includes insulation and backfill
Fire protection details			x	x	x	x				x	x	x	x			x	x	x	x	x				includes insulation and backfill
																								includes insulation and backfill
																								includes insulation and backfill
																								includes insulation and backfill

B = BEGIN S = SUSPEND C = COMPLETE X = ACTIVITY ## P = POUR

CLIENT CH2MHILL Mariposa ISSUE DATE: December 27, 2011

LOCATION Byron, CA 14415 BY Adam Schmitt, Project Coordinator

AZCO INC.

3-WEEK LOOK AHEAD, UNDERGROUND

WORK ITEMS	MONTH	December						January															%
	DAY	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	COMPLET
	DATE	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Unit 9																							
CHILLED WATE R																							
FUEL GAS																							
OILY WATER DRAINS																							
INSTRUMENT AND SERVICE AIR																							
SERVICE WATER																							
WASH WATER DRAINS		x	x	x																			
DEMINERALIZED WATER																							
SOUTHSIDE AIR AND WATER																							
FIRE PROTECTION																							
CATHODIC PROTECTION																							
BACKFILL		x	x	x	x																		
NORTH OF 9 EAST ROAD																							
CHILLED WATE R																							
FUEL GAS																							
FIRE PROTECTION		x	x	x	x				x	x													
INSTRUMENT AND SERVICE AIR		x	x	x	x				x	x													
SERVICE WATER		x	x	x	x				x	x													
DEMINERALIZED WATER		x	x	x	x				x	x													
AMMONIA		x	x	x	x				x	x													
FUEL GAS COMPRESSOR AREA																							

B = BEGIN S = SUSPEND C = COMPLETE X = ACTIVITY ##

Collins Electrical Company Underground Electrical

3-WEEK LOOK AHEAD

WORK ITEMS	MONTH	December							January							January							%	COMMENTS
	DAY	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	COMPLETE	
	DATE	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
MH#4 to MH#3																							100%	
MH#3 & MH#4 to PDC																							100%	
CV#6-CV#8																							100%	
CV#9																							90%	
Unit 600 CTG XFMR & PCM																							100%	
Unit 700 CTG XFMR & PCM																							100%	
Unit 800 CTG XFMR & PCM		x	x																				60%	
Unit 900 CTG XFMR & PCM		x	x	x																			50%	
MH#13 to aux xforms		x	x	x	x				x	x							x	x					40%	
MH#12 East & West & North		x	x	x																			30%	
MH #19 to Bruns Road																							60%	
MH#10 East & West																							0%	
PDC West to xformer																							0%	
Grounding Grid		x	x	x	x				x	x	x	x				x	x	x	x				15%	
GE Terms U6 - U7		x	x	x	x				x	x	x	x				x	x	x	x				5%	
Various Site Lighting		x	x	x	x				x	x	x	x				x	x	x	x				0%	
GSU 600		x	x	x	x																		5%	
GSU 700				x	x				x	x	x	x											0%	
GSU 800											x	x				x	x	x	x				0%	
GSU 900																			x	x			0%	
																							%	
Nipples, mandrel, pull rope		x	x	x	x				x	x	x	x				x	x	x	x				70%	

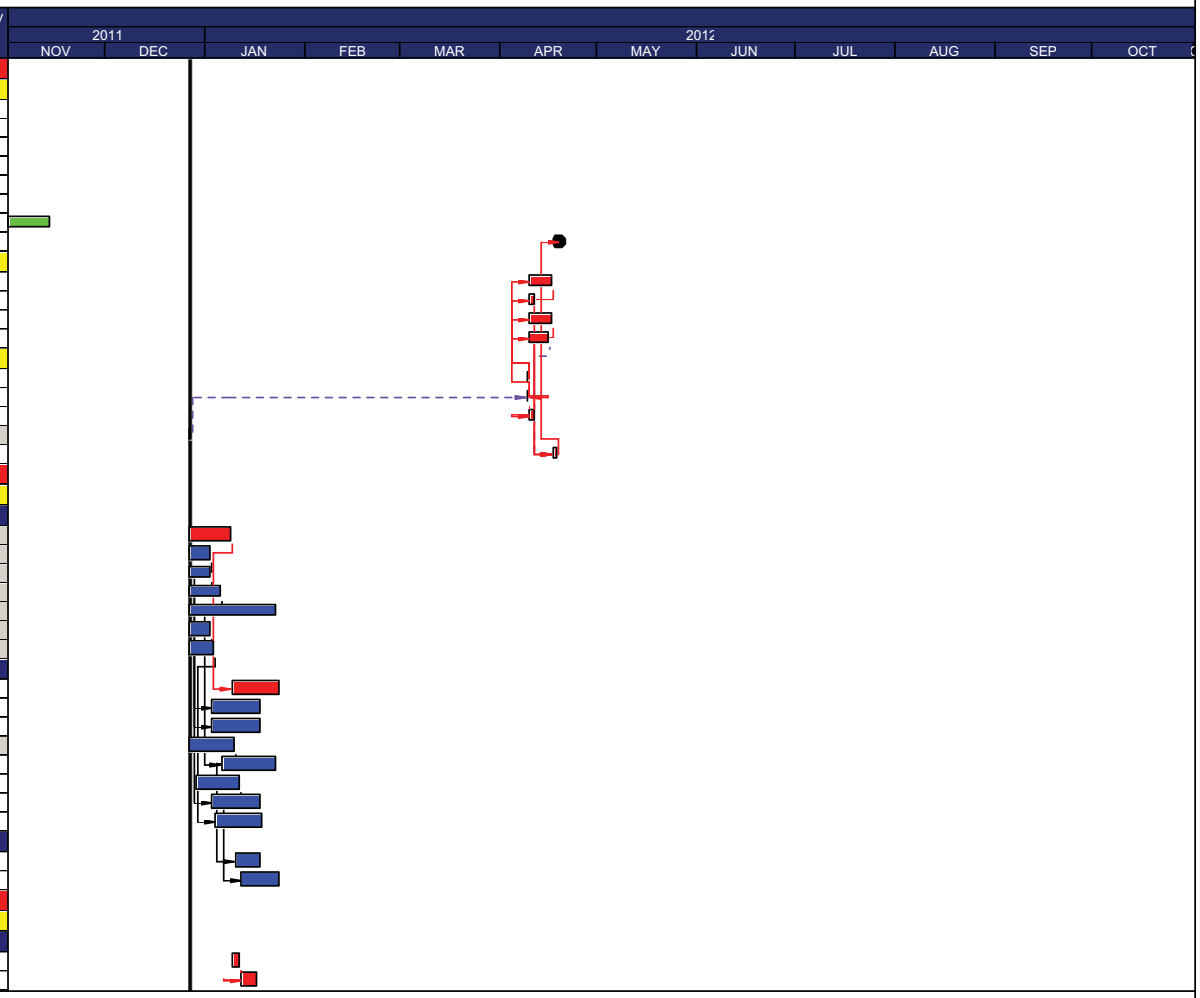
E/B = Excavate/Backfill S = SUSPEND D = Install DB X = ACTIVITY - - - = INTERMITTENT WORK

CLIENT CH2MHILL Mariposa ISSUE DATE: December 19, 2011

LOCATION Byron, Ca BY

Design/Build
Mariposa Energy

Activity ID	Description	Original Duration	Early Start	Early Finish	Total Float	Responsibility
1 - ADMINISTRATION						
1-1 - CONTRACT						
1000	Notice of Awar	0	06MAY11 A			CH2M-HILL
1010	Contract Review (by WEI	5d	02MAY11 A	06MAY11 A		WEL
1020	Certificates of Insuranc	5d	02MAY11 A	06MAY11 A		WEL
1030	Bonds	5d	02MAY11 A	17OCT11 A		WEL
1040	Contract Document Review (by CH2M	5d	09MAY11 A	06MAY11 A		CH2M-HILL
1050	Notice to Procee	0	06MAY11 A			CH2M-HILL
1060	Mobilization	3d	02AUG11 A	14NOV11 A		WEL
1070	Contract Completio	0		19APR12	-13d	WEL/CH2M
1-2 - PROJECT CLOSEOUT						
1210	Record Drawings	5d	10APR12	17APR12	-13d	WEL
1220	Spare Parts	2d	10APR12	12APR12	-10d	WEL
1230	WEL Warranty Manageme	5d	10APR12	17APR12	-13d	WEL
1240	Operation & Maintenance Manua	4d	10APR12	16APR12	-12d	WEL
1-3 - COMMISSIONING						
1400	Clean-up	1d	09APR12	10APR12	-13d	WEL
1410	Starting and Adjusting	1d	09APR12	10APR12	-13d	WEL
1420	Functional Performance Testin	2d	10APR12	12APR12	-8d	WEL
1430	Commissioning Plar	1d	27DEC11	28DEC11	58d	WEL
1440	Owner Training	2d	17APR12	19APR12	-13d	WEL/CH2M
2 - PRE-CONSTRUCTION ACTIVITY						
2-2 - MATERIAL PROCUREMENT						
2-2.1 - SUBMITTALS						
2018	Architectural Casework & Countertop	9d	27DEC11	09JAN12	-3d	WEL
2022	Joint Sealants	5d	27DEC11	03JAN12	11d	WEL
2028	Gypsum Wallboar	5d	27DEC11	03JAN12	11d	WEL
2034	Paints and Coatings	8d	27DEC11	06JAN12	28d	WEL
2036	Signage	18d	27DEC11	23JAN12	17d	WEL
2042	Window Blinds	5d	27DEC11	03JAN12	28d	WEL
2048	Testing, Adjusting and Balancin	6d	27DEC11	04JAN12	13d	WEL
2-2.2 - SUBMITTAL REVIEW						
2218	Architectural Casework & Countertop	10d	09JAN12	24JAN12	-3d	WEL
2222	Joint Sealants	10d	03JAN12	18JAN12	11d	WEL
2228	Gypsum Wallboar	10d	03JAN12	18JAN12	11d	WEL
2232	Flooring	10d	27DEC11	10JAN12	41d	WEL
2234	Paints and Coatings	10d	06JAN12	23JAN12	28d	WEL
2240	Fire Extinguishers	10d	29DEC11	12JAN12	39d	WEL
2242	Window Blinds	10d	03JAN12	18JAN12	28d	WEL
2248	Testing, Adjusting and Balancin	10d	04JAN12	19JAN12	13d	WEL
2-2.3 - FABRICATION AND DELIVERY						
2432	Flooring	5d	10JAN12	18JAN12	41d	WEL
2440	Fire Extinguishers	7d	12JAN12	24JAN12	39d	WEL
3 - CONSTRUCTION						
3-1 - CONTROL ADMINISTRATION						
3-1.2 - STRUCTURE						
3050	PEMB Main Frames	3d	09JAN12	12JAN12	-13d	WEL
3052	PEMB Secondary - Wall	2d	12JAN12	17JAN12	-13d	WEL



Data date	27DEC11
Start date	02MAY11
Must finish date	30MAR12
Page number	1A

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W. E. Lyons Construction

Early bar
Progress bar
Critical bar
Summary bar
Progress point

Critical point
Summary point
Start milestone point
Finish milestone point

Exhibit 4
Key Events List

COMPLIANCE TABLE 1
SUMMARY of COMPLIANCE CONDITIONS OF CERTIFICATION

KEY EVENTS LIST

PROJECT: Mariposa Energy Project

DOCKET #: 09-AFC-03C

COMPLIANCE PROJECT MANAGER: Craig Hoffman

EVENT DESCRIPTION	DATE
Certification Date	5/18/11
Obtain Site Control	6/15/11*
Online Date	7/1/12
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	6/7/11
Start Ground Disturbance	6/7/11
Start Grading	6/15/11
Start Construction	6/7/11
Begin Pouring Major Foundation Concrete	6/22/11
Begin Installation of Major Equipment	10/21/11
Completion of Installation of Major Equipment	5/1/12
First Combustion of Gas Turbine	5/1/12
Obtain Building Occupation Permit	5/29/12
Start Commercial Operation	7/1/12
Complete All Construction	7/1/12
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	09/2/11
Synchronization with Grid and Interconnection	03/3/12
Complete T/L Construction	2/17/12
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	1/17/12
Complete Gas Pipeline Construction	2/14/12
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	6/7/11
Complete Water Supply Line Construction	1/31/12

COMPLIANCE TABLE 1
SUMMARY of COMPLIANCE CONDITIONS OF CERTIFICATION

*A full NTP was issued on June 15, 2011, however a partial NTP was issued on June 3, 2011, which allowed the completion of land surveying activities, installation of the worker and biological exclusion fencing, installation of BMPs, and the completion of preconstruction surveys.

Exhibit 5
Construction Photographs

On December 1, 2011 the exposed slopes were hydroseeded with the approved seed mix. This was done for erosion control as well as site restoration of disturbed slopes.

The ammonia vaporization skid was set at ECM 600 on December 2, 2011.

The deep stormwater piping trench from the main pad to the stormwater detention pond was excavated on December 1, 2011.

The end of the storm drain piping into the detention pond surrounded by rip rap.

Backfilling the fuel gas pipes to the fuel gas compressor skids.

The 230 KV Circuit Breaker was delivered to the site on December 7, 2011.

The fuel compressor skids were delivered and set on their pads December 9th and 13th.

Piping from the ECM to the Ammonia Vaporization skid at unit 600 was installed in December.

The supply and return piping to the chiller pads was completed in December.

Collins installed the pre-cast concrete control vault sections at unit 900 on December 13.

ECM 700 stack was set on December 13, 2011.

The aqueous ammonia tank was set in place December 14, 2011.

Telephone/fiber optic vaults and conduit were installed along the access road in December.

The CTG auxiliary skid and demineralized water injection pump skids (foreground) were set at CTG 600 in mid-December.

The fuel gas final filter skid was set at ECM 600 on December 16, 2011

The columns at the Power Distribution Center were poured on December 19, 2011.

Chilled water supply and return piping to the south coil unit at 600 were installed the week of December 19, 2011.

The admin/control building pad and footings prepped with vapor barrier and sand before the slab rebar is installed on December 20, 2011.

A trencher digs for copper grounding cable that surrounds all the equipment pads and runs between pads. The grounding cable was installed at 600, 700 and 800 in December.

On December 22, 2011 construction of the switchyard began with the installation of drilled piers at GSU's. They are drilled and filled with concrete in the same day.

The warehouse building concrete pad was poured on December 23, 2011.

The lube oil cooler was set in place at unit 600 on December 27, 2011. In the background, the area around equipment pads is brought up to grade and compacted.

The service/fire water tank was under construction the last week of December.

The radiator coils and insulators are installed at GSU 600.

The status of construction at the south end of the plant on December 30, 2011.

The status of construction at the center of the plant on December 30, 2011.

The status of construction at the north end of the plant on December 30, 2011.

Exhibit 6
Master Submittal Schedule and Transmittals for STRUC, MECH, TSE, and ELEC

Master Submittal Schedule

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
					GENERAL						
		Index	CBO-001		Drawing and Specification Index (this document)		approval	Y	GEN-2a, 2b, TSE-1	Gen 2-1.0 approved 7/1/11	
		Resumes	G-P2001		Engineers of Record Resumes		issued	Y	GEN-4a, 5a	Approved	
			M_L3_Sched_110302		Project Schedule for Mariposa Energy Project (prelim L# baseline)		issued	Y	GEN	Approved	
					Supplier QA/QC plans for approved fabricator status	varies	Information	Y	BV sect 9	on going	
	GA	Drawing			**LAYOUTS**						
	GA	Drawing			**Drawings**						
	GA	Drawing	G-PK001	1	General Arrangement Drawing Index	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PP001	1	General Arrangement Site Plan	4/14/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE001	1	General Arrangement Equipment Location Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE601	1	General Arrangement Unit 600 Power Block Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE701	1	General Arrangement Unit 700 Power Block Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE801	1	General Arrangement Unit 800 Power Block Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE901	2	General Arrangement Unit 900 Power Block Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11; Rev 2 approved 11/22	CBO-001/A3,4
	GA	Drawing	G-PE002	2	General Arrangement Water Treatment Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11; Rev 2 approved 11/22	CBO-001/A3,4
	GA	Drawing	G-SS001	0	Gen. Arrangement Sections A-A & E-E Unit 600 (Looking N & S)	5/31/11	information	N	-	RO Approved 10/11/11	-
	GA	Drawing	G-SS002	0	General Arrangement Section B-B Overall Elevation View (Looking E)	5/31/11	information	N	-	RO Approved 10/11/11	-
	GA	Drawing	G-SS003	0	General Arrangement Sections C-C & F-F PDC, Chillers & Water Treatment (Looking N)	5/31/11	information	N	-	RO Approved 10/11/11	-
	GA	Drawing	G-SS004	0	General Arrangement Section D-D Overall Elevation View (Looking West)	5/31/11	information	N	-	RO Approved 10/11/11	-
	GA	Drawing	G-PC001	3	Construction Laydown & Parking Plan	5/31/11	issued	Y	BV request	R3 Approved 9/7/11	-
9/11	GA	Drawing	S-D5001	0	Construction Offices Site layout	-	issued	Y	BV request	R0 Approved 9/7/11	-
9/11	GA	Drawing	S-D5002	0	Construction Offices Accessibility Details	-	issued	Y	BV request	R0 Approved 9/7/011	-
	GA	Drawing	G-PC002	A	Transmission Line Routing Plan	-	information	N	-	R1 Approved 10/11/11	-
	CI				**CIVIL**						
	CI	Specification			**Construction Specifications**						
6/1	CI	Specification	022100	0	Surveying		Issued	N	-	-	-
	CI	Specification	310000	0	General Provisions–Site Work	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Specification	312000	2	Earthwork	5/10/11	Issued	Y	CIVIL-1	Approved 6/23	
	CI	Specification	312333	1	Trench Excavation	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Specification	312500	Void	Erosion and Sediment Control - Deleted (see SWPPP)		VOID	N	-	-	-
	CI	Specification	321123	1	Aggregate Base	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Specification	321216	0	Asphaltic Concrete Pavement	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Specification	323113	0	Chain Link Fence and Gates	5/10/11	Issued	N	-	-	-
11/11	CI	Specification	323234	0	Mechanically Stabalized Earth (MSE) Slopes		Issued	Y	CIVIL-1a	rev 0 approved 12/1/11	
	CI	Specification	334000	0	Storm Sewers and Drainage Structures	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing			**DRAWINGS**						
	CI	Drawing	C-N0001	0	Project Information and General Notes	3/9/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-S0001	2	Overall Site Plan	4/22/11	Issued	Y	CIVIL-1a	R2 Approved 8/23	
	CI	Drawing	C-G0001	2	Finish Grading & Drainage Plan sht 1	4/22/11	Issued	Y	CIVIL-1a	R2 Approved 8/23	
	CI	Drawing	C-G0002	5	Finish Grading & Drainage Plan sht 2	4/22/11	Issued	Y	CIVIL-1a	R4 Approved 9/23; Rev 5 approved 11/30/11	
	CI	Drawing	C-G0003	1	Finish Grading & Drainage Plan sht 3	4/22/11	Issued	Y	CIVIL-1a	R1 Approved	
	CI	Drawing	C-G0004	1	Finish Grading & Drainage Plan sht 4	4/22/11	Issued	Y	CIVIL-1a	R1 Approved	
	CI	Drawing	C-G0005	2	Finish Grading & Drainage Plan sht 5	4/22/11	Issued	Y	CIVIL-1a	R2 Approved 8/23	
	CI	Drawing	C-G0006	3	Finish Grading & Drainage Plan sht 6	4/22/11	Issued	Y	CIVIL-1a	R3 Approved 8/23	
	CI	Drawing	C-G0010	0	Finish Grading & Drainage Sections & Details sheet 1	4/22/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-G0011	1	Finish Grading & Drainage Sections & Details sheet 2	4/22/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-G0012	1	Grading & Drainage Sections & Details	4/22/11	Issued	Y	CIVIL-1a	R1 Approved 8/23	
8/11	CI	Drawing	C-G0013	0	Outlet Structure Details	4/22/11	Issued	Y	CIVIL-1a	R0 Approved 8/26/11	
11/11	CI	Drawing	C-G0014	0	Grading & Drainage Sections & Details		Issued	Y	CIVIL-1a	rev 0 approved 12/1/11	
	CI	Drawing	C-HC001	1	Plant Loop Road Horizontal Control	4/22/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-SF001	1	Surfacing Plan	4/22/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-PR001	0	Road Profiles sht 1	4/22/11	Issued	N	-	Approved	-

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	CI	Drawing	C-PR002	1	Road Profiles sht 2	4/22/11	Issued	N	-	R1 Approved 8/23	-
	CI	Drawing	C-PR003	1	Storm Sewer Profiles sht 1	5/24/11	approval	Y	CIVIL-1a	R1 Approved 8/23	
	CI	Drawing	C-ST001	2	Overall Storm Drain Plan	5/24/11	approval	Y	CIVIL-1a	R2 Approved 8/23	
	CI	Drawing	C-W0020	1	Plant Access road Plan & Profile sheet 1	4/22/11	Issued	Y	Trans-4a	Reference Only	
	CI	Drawing	C-W0021	3	Plant Access road Plan & Profile sheet 2	4/22/11	Issued	Y	Trans-4a	R0 Reference Only. Rev 3 Approved 8/22	
5/31	CI	Drawing	C-W0022	A	Kelso Construction Access Encroachment	--	Issued	Y	-	-	
5/31	CI	Drawing	C-D0001	1	Site Security Fence and Gate Details	5/10/11	Issued	N	-	-	-
5/31	CI	Drawing	C-D0002	1	Site Substation Fence and Gate Details	5/10/11	Issued	N	-	-	-
5/31	CI	Drawing	C-D0003	1	Site Security Fence Slide Gate Detail	5/10/11	Issued	N	-	-	
5/31	CI	Drawing	C-FN001	1	Site Fencing Plan	5/10/11	Issued	N	-	-	
	CI	Study/Calc			**Calculations**		-	-	-	-	-
5/11	CI	Study/Calc	CE-01	1	Hydrology Calculations	7/26/11	Issued	Y	CIVIL-1a	R0 Approved 5/10/11; R1 Approved 9/28	
8/11	CI	Study/Calc	CE-03	0	Outlet Structure Calculations	7/26/11	Issued	Y	CIVIL-1a	Rev 0 Approved 8/26/11	
	~~CI~~	~~Study/Calc~~	~~deleted~~		~~Cut & Fill~~	~~7/26/11~~	~~information~~	~~Y~~	~~CIVIL-1a~~	-	-
	ST				**STRUCTURAL**						
	ST	Specification			**Engineering Specifications**	-	-	-	-	-	CBO-001/A E1
	ST	Specification	013610		Civil, Structural, Architectural, and Site Requirements	4/7/11	information	N	-	-	
	ST	Specification	014523	1	Sampling Testing and Inspection of Concrete and Earthwork	4/7/11	Issued	Y	Struc1a,b,c	Approved	
	ST	Specification	033000	3	Cast-in-Place Concrete	4/7/11	Issued	Y	Struc-1a,b,c	Approved; R3 approved 12/8/11	
	ST	Specification	036000	0	Structural & Equipment Grouting	4/7/11	Issued	Y	Struc-1a,b,c	Approved	
	ST	Specification	051000	0	Erection of Structural & Miscellaneous Steel	4/11/11	Issued	Y	Struc-1a,b,c	Rev 0 approved 9/20/11	
	ST	Specification	051200	0	Supply & Fabrication of Structural & Misc Steel	4/11/11	information	Y	Struc-1a,b,c	Rev 0 approved 9/20/11	
	ST	Specification	099001	1	Protective Coatings	4/11/11	Issued	Y	Struc-1a,b,c	Rev 0 & Rev 1 Reference only	
	ST	Specification	133419	1	Pre-Engineered Building (colloboration w/ Architectural)	2/23/11	Issued	Y	Struc-1a,b,c	Rev 1 approved	
	ST	Drawing			**General Drawings**	-	-	-	-	-	-
	ST	Drawing	S-S0001	0	Structural Cover Sheet	4/19/11	Issued	Y	Struc-1a,b,c	R0 Approved Struc1-1.0 4/18	
	ST	Drawing	S-S0002	2	Concrete Notes and Standard Details Sheet 1	4/19/11	Issued	Y	Struc-1a,b,c	R0 Approved Struc 1-1.0; R1 Approved 9/28; R2 Approved 10/14/11	
	ST	Drawing	S-S0003	1	Concrete Standard Details Sheet 2	4/19/11	Issued	Y	Struc-1a,b,c	R0 Approved Struc 1-1.0 4/18; R1 Approved 9/28	
	ST	Drawing	S-S0004	0	Concrete Standard Details Sheet 3	4/19/11	Issued	Y	Struc-1a,b,c	Approved	
	ST	Drawing	S-S0005	0	Structural Steel Notes and Standard Details Sheet 1	4/19/11	Issued	Y	Struc-1a,b,c	Approved 7/19	F
	ST	Drawing	S-S0006	0	Structural Steel Typical Details Sheet 2	4/19/11	Issued	Y	Struc-1a,b,c	Approved 7/19	
	ST	Drawing	S-S0007	1	Structural Steel Typical Details Sheet 3	4/19/11	Issued	Y	Struc-1a,b,c	Approved 7/19	
	ST	Drawing	S-S0008	2	Structural Engineer's Statement of Special Inspection Program	4/19/11	Issued	Y	Struc-1a,b,c	Approved	
	ST	Drawing			**Concrete Drawings**	-	-	-	-	-	-
	ST	Drawing	S-C1001	1	Foundation Location Plan	6/14/11	Issued	Y	Struc-1a,b,c	R1 approved 8/4/11	
5/31	~~ST~~	~~Drawing~~	~~S-C1002~~	Deleted	~~Warehouse Building Foundation Plan (may incl w/ bldg sub)~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
5/31	~~ST~~	~~Drawing~~	~~S-C1003~~	Deleted	~~Warehouse Building Foundation Sections (may incl w/ bldg sub)~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
5/31	~~ST~~	~~Drawing~~	~~S-C1004~~	Deleted	~~Control/Admin Building Foundation Plan (may incl w/ bldg sub)~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
5/31	~~ST~~	~~Drawing~~	~~S-C1005~~	Deleted	~~Control/Admin Building Foundation Sections (may incl w/ bldg sub)~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
5/31	~~ST~~	~~Drawing~~	~~S-C1006~~	Deleted	~~Air Compressor Shed Foundation Plan & Sections~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
	ST	Drawing	S-C1007	1	CTG Foundation Plan - Sections and Details	6/17/11	Issued	Y	Struc-1a,b,c	Approved 7/7	
	ST	Drawing	S-C1008	1	CTG Foundation Plans - Grouting Plan	6/17/11	Issued	Y	Struc-1a,b,c	Approved 7/7	
	ST	Drawing	S-C1009	2	CTG Auxiliary Skid, FP Skid. & Sprint Skid Fdn Plans & Sections	6/17/11	Issued	Y	Struc-1a,b,c	R1 Approved 7/7: R2 Approved 9/28	
	ST	Drawing	S-C1010	0	CTG Anchor Bolt & Grout Pocket Details	6/17/11	Issued	Y	Struc-1a,b,c	Approved	
	ST	Drawing	S-C1011	2	CTG Transformer Fdn. Plans, Sections & Details	6/17/11	Issued	Y	STRUC-1	Approved 8/17/11	
	ST	Drawing	S-C1012	2	CTG Power Control Module Fdn. Plan, Sections & Details	6/17/11	Issued	Y	Struc-1a,b,c	R2 Approved 9/21	
	ST	Drawing	S-C1013	2	CTG LO Cooler Foundation Plan & Sections	6/17/11	information	Y	Struc-1a,b,c	R2 Approval 9/19/11	
	ST	Drawing	S-C1014	2	ECM Foundation Plan and Sections	6/22/11	Issued	Y	STRUC-1	Conditional approval 6/22. Rev 2 Approved 9/26	
	ST	Drawing	S-C1015	2	Ammonia Skid/CEMS Shelter Foundation Plans & Sections	5/23/11	information	Y	Struc-1a,b,c, Haz-4	Rev 0 comments, Rev 1 comments 9/21; R2 conditional approval 9/28 Struc-, Haz-4 &Struc-4-2 approval 12/6/11	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	ST	Drawing	S-C1016	4	~~BOP Power Distribution Center~~/Aux Transformer Foundations	9/21/11	**Issued**	Y	Struc-1a,b,c	**Approved 8/17/11 rev 4 approved 11/28/11**	
	ST	Drawing	S-C1017	1	Fuel Gas Compressor Foundations	7/27/11	**Issued**	Y	Struc-1a,b,c	**R0 Approval 8/31/11; Rev 1 approved 12/5/11**	
11/11	ST	Drawing	S-C1018	0	Fuel Gas Dew Point Heater and Anti-icing Heater Foundation		**Issued**	Y	Struc-1a,b,c	**rev 0 Approved 11/28/11**	
11/11	ST	Drawing	S-C1019	0	Anti-icing Heater Transformer Foundation		**Issued**	Y	Struc-1a,b,c	**rev 0 Approved 11/28/11**	
11/11	~~ST~~	~~Drawing~~	~~S-C1019~~	deleted	~~Gas Metering Station Foundations~~	~~10/7/11~~	~~**Information**~~	~~Y~~	~~Struc-1a,b,c~~	N/A	
	ST	Drawing	S-C1020	2	Chiller Package Foundations, Plan, Sections & Details	8/8/11	**Issued**	Y	Struc-1a,b,c	**R0 Conditional Approval 8/22; Rev 1 Approved 11/9/11; Rev 2 approved 12/12/11**	
	ST	Drawing	S-C1021	1	Aqueous Ammonia System Foundations	5/20/11	information	Y	Struc-1a,b,c	**R0 Conditional approval 8/30/11, Rev 1 approved 11/7/11. HAZ-4 & Struc-4-2 approval 12/6/11**	10.1.2 approved which should release this
	ST	Drawing	S-C1022	1	GSU Transformer Foundation Plan & Details	7/7/11	**Issued**	Y	STRUC-1	**R1 Approved 9/6/11**	
	ST	Drawing	S-C1023	1	GSU Transformer Foundation Sections & Details	7/7/11	**Issued**	Y	STRUC-1	**R1 Approved 9/6/11**	
	ST	Drawing	S-C1024	1	Fuel Gas Filter/Drains Tank Foundations Plan & Details	6/21/11	**Issued**	Y	Struc-1a,b,c	**R0 Approval 8/31/11; Rev 1 approval 11/10/11**	
	ST	Drawing	S-C1025	1	Oil/Water Separator Foundation Plans & Sections	5/26/11	Issued	Y	Struc-1a,b,c	**R0 Approval 8/25/11; Rev 1 Approved 10/6**	
	ST	Drawing	S-C1026	0	Service/Waste/Demin Water Pump Foundation Plans & Sections	7/12/11	information	Y	Struc-1a,b,c	**Rev 0 approved 11/16/11**	
	ST	Drawing	S-C1027	1	Fire Protection Water Pump Foundation Plans & Sections	5/19/11	**Issued**	Y	Struc-1a,b,c	**R1 Approved 8/23/11**	
	ST	Drawing	S-C1028	1	Raw Water Tank Foundation Plans & Sections	8/2/11	**Issued**	Y	Struc-1a,b,c	**Conditional approval 8/30/11; rev 1 Approval 11/7/11**	
10/11	ST	Drawing	S-C1029	1	Multimedia Filter Skid Foundation	8/9/11	**Issued**	Y	Struc-1a,b,c	**Rev 0 approved 11/16/11**	
10/11	ST	Drawing	S-C1030	1	PDC Foundation Plan, Section and Details	6/16/11	information	Y	Struc-1a,b,c	**Rev 1 approved 11/3/11**	
	ST	Drawing	S-C1031	1	Miscellaneous Pipe Support Foundations - Plans & Sections	6/16/11	**Issued**	Y	Struc-1a,b,c	rev 0 comments 12/12/11; rev 1 pending 12/19/11	
11/11	ST	Drawing	S-C1032	1	Miscellaneous Pipe Support Foundations - Plans & Sections		**Issued**	Y	Struc-1a,b,c	rev 0 comments 12/12/11; Rev 2 pending 12/19/11	
11/11	ST	Drawing	S-C1033	0	Fuel Gas Letdown Station & CTG Engine Removal Foundation		**Issued**	Y	Struc-1a,b,c	**rev 0 approved 11/29/11**	
11/11	ST	Drawing	S-C1034	0	MCC & CTG Engine Rotor Removal Foundation		**Issued**	Y	Struc-1a,b,c	**rev 0 approved 12/15/11; rev 2 pending 1/6/12**	
	ST	Drawing			**Steel Drawings**				**CBO-001/A E1**	**--**	**CBO-001/A E1**
	ST	Drawing	S-S1001	2	CTG Access Platforms Plans Sections & Details	11/15/11	Issued	Y	Struc-1a,b,c	**R2 Approved 9/20/11**	
8/11	~~ST~~	~~Drawing~~	~~S-S1002~~	deleted	~~Chiller Package Access Platforms Plans Sections & Details~~	~~11/15/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
	ST	Drawing	S-S1003	0	GSU Transformer Access Platforms Plans Sections & Details	11/15/11	Issued	Y	Struc-1a,b,c	**Rev 0 Approved 9/29/11**	
	ST	Drawing	S-S1004	0	Aux Transformer Access Platforms Plans Sections & Details	11/15/11	Issued	Y	Struc-1a,b,c	**Rev 0 Approved 9/29/11**	
10/19	ST	Drawing	S-S1005	0	PDC Access Platforms Plans Sections & Details	11/15/11	Issued	Y	Struc-1a,b,c	**Rev 0 Approved 9/29/11**	
	ST	Drawing	S-S1006	0	PDC Access Platforms Plans and Sections	11/15/11	information	Y	Struc-1a,b,c	**Rev 0 Approved 11/7/11**	
	ST	Drawing	S-S1007		Misc Tee Supports- Non-Seg. Bus Duct -Plans, Sections	11/15/11	information	Y	Struc-1a,b,c	**Rev 0 Approved 12/22/11**	
12/11	ST	Drawing	S-S1008	0	Misc Tee Supports- Elevations, Sections, Details sht 1	--	Issued	Y	Struc-1a,b,c	**Rev 0 Approved 12/22/11**	
12/11	ST	Drawing	S-S1009	0	Misc Tee Supports- Elevations, Sections, Details sht 2	--	Issued	Y	Struc-1a,b,c	**Rev 0 Approved 12/22/11**	
12/11	ST	Drawing	S-S1010	0	Misc Tee Supports- Elevations, Sections, Details sht 3	--	Issued	Y	Struc-1a,b,c	**Rev 0 Approved 12/22/11**	
12/11	ST	Drawing	S-S1011	0	Misc Tee Supports- Elevations, Sections, Details sht 4	--	Issued	Y	Struc-1a,b,c	**Rev 0 Approved 12/22/11**	
12/11	ST	Drawing	S-S1012	1	GSU Transformer to CTG Bus Supports Elev, Sect, Details	--	Issued	Y	Struc-1a,b,c	**Rev 0 approved 12/22/11; rev 1 Approved 12/28/11**	
12/11	ST	Drawing	S-S1013	1	SST Transformer Bus Supports Elev, Sect, Details	--	Issued	Y	Struc-1a,b,c	**Rev 0 approved 12/22/11; rev 1 Approved 12/28/11**	
12/11	ST	Drawing	S-S1014	1	Aux Transformer Bus Supports Elev, Sect, Details	--	Issued	Y	Struc-1a,b,c	**Rev 0 approved 12/22/11; rev 1 Approved 12/28/11**	
	ST	Calc/Study			**Calculations**	--	Issued	Y		--	
5/11	~~ST~~	~~Calc/Study~~	~~SC-01 pending~~	~~n/a~~	~~Warehouse Foundation (if not by sub);~~ **by Subcontractor**	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
5/11	~~ST~~	~~Calc/Study~~	~~SC-02 pending~~	~~n/a~~	~~Admin Building Foundation (if not by sub);~~ **by Subcontractor**	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
10/11	~~ST~~	~~Calc/Study~~	~~SC-03~~	~~n/a~~	~~Air Compressor Shed Foundation~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
	ST	Calc/Study	SC-04	2	CTG Foundation & Misc. Skids	6/17/11	Issued	Y	Struc-1a,b,c	**R2 Approved 9/28**	
	ST	Calc/Study	SC-05	1	ECM Foundation & Misc. Skids	6/22/11	Issued	Y	STRUC-1	**Conditional approval 6/22; R1 Approved 9/26**	
	ST	Calc/Study	SC-06	3	Fire Water Pump Foundations	9/6/11	information	Y	Struc-1a,b,c	**R3 Approved 8/23/11**	
	ST	Calc/Study	SC-07	0	Ammonia Skid / CEMS Shelter Foundations	5/23/11	information	Y	Struc-1a,b,c	R1 conditional approval 9/28, R2 pending 9/27	
	ST	Calc/Study	SC-08	2	CTG LO Cooler Foundation	6/17/11	Issued	Y	Struc-1a,b,c	**R2 Approval 9/19/11**	

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	ST	Calc/Study	SC-09	1	Fuel Gas Compressor Foundations	7/27/11	Issued	Y	Struc-1a,b,c	**R0 Approval 8/31/11; Rev 1 approved 12/5/11**	
10/11	~~ST~~	~~Calc/Study~~	~~SC-10~~	~~n/a~~	~~Fuel Gas Compressor Cooler & Misc. Foundations~~	~~7/27/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
	ST	Calc/Study	SC-11	1	Chiller Package Foundations	8/8/11	issued	Y	Struc-1a,b,c	**R0 Conditional Approval 8/22; Rev 1 Approved 11/9/11**	
10/11	~~ST~~	~~Calc/Study~~	~~SC-12~~	~~n/a~~	~~Water Wash Drains Sump & Skid~~	~~6/17/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
	ST	Calc/Study	SC-13	1	Misc Transformer Foundations	9/21/11	Issued	Y	Struc-1a,b,c	**Approved 8/17/11**	
	ST	Calc/Study	SC-14	1	Main GSU Transformer Foundation	7/7/11	information	Y	Struc-1a,b,c	**R1 Approved 9/6/11**	
	ST	Calc/Study	SC-15	0	PDC Foundation	6/17/11	Issued	Y	Struc-1a,b,c	**Rev 0 approved 11/3/11**	
	ST	Calc/Study	SC-16	0	Tank Foundations	8/2/11	information	Y	Struc-1a,b,c	**Conditional approval 8/30/11. rev 0 Approved 11/7/11**	
10/11	~~ST~~	~~Calc/Study~~	~~SC-17~~	n/a	~~Generator Circuit Breaker Foundation~~ - see Jensen Vault	~~9/21/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	N/A	
	ST	Calc/Study	SC-18	0	Aqueous Ammonia System Foundations	5/20/11	information	Y	Struc-1a,b,c	**Conditional approval 8/30/11. rev 0 Approved 11/7/11**	
	ST	Calc/Study	SC-19	0	Oil/Water Separator Foundation Plans & Sections	5/26/11	Issued	Y	Struc-1a,b,c	**R0 Approval 8/25/11**	
11/11	~~ST~~	~~Calc/Study~~	~~SC-20~~	Deleted	~~Miscellaneous Pipe Support Foundations~~ - See SC-25, SC-26	~~6/16/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	N/A	
5/11	ST	Calc/Study	SC-21	2	CTG PCM (power control module)	6/17/11	information	Y	Struc-1a,b,c	**R2 Approved 9/21**	
11/11	ST	Calc/Study	SC-22	1	Anti-Icing heater transf, Anti-icing Heater, Fuel Gas htr foundations	--	Issued	Y	Struc-1a,b,c	rev 0 Approved 11/28; rev 1 pending 11/28/11	
10/11	ST	Calc/Study	SC-23	0	Multimedia Filter and Water Pump Foundations Calculation	--	information	Y	Struc-1a,b,c	**R0 Approval 11/16/11**	
11/11	ST	Calc/Study	SC-24	0	Fuel Gas Letdown Station Foundation Calculation	--	Issued	Y	Struc-1a,b,c	**rev 0 approved 11/29/11**	
11/11	ST	Calc/Study	SC-25	0	Pipe Support Foundations calculation	--	Issued	Y	Struc-1a,b,c	rev 0 comments 12/12/11	
11/11	ST	Calc/Study	SC-26	1	Miscellaneous Pipe Support Foundations calculation	--	Issued	Y	Struc-1a,b,c	rev 0 comments 12/12/11; rev 1 pending 12/19/11	
11/11	ST	Calc/Study	SC-27	0	CIP Anchor Qualification	--	Issued	Y	Struc-1a,b,c	**rev 0 approved 11/29/11**	
11/11	ST	Calc/Study	SC-28	0	MCC Foundation	--	Issued	Y	Struc-1a,b,c	**rev 0 approved 12/15/11**	
	ST	Calc/Study	SS-01	2	CTG Access Platforms (or by sub)	11/15/11	Issued	Y	Struc-1a,b,c	**R2 Approved 9/20/11**	
	ST	Calc/Study	SS-02	0	Misc Pipe Support	11/15/11	information	Y	Struc-1a,b,c	**R0 Approval 12/22/11**	
	ST	Calc/Study	SS-03	0	Bus duct support	11/15/11	information	Y	Struc-1a,b,c	**R0 Approval 12/22/11**	
12/11	~~ST~~	~~Calc/Study~~	~~SS-04~~	Deleted	~~General Tee Supports for Pipe, Cable Tray and Bus~~	~~11/15/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
	ME				**MECHANICAL / PROCESS**						
	ME	Specification			**Construction/Subcontract Specifications**	-	-	-	-	-	-
9/11	~~ME~~	~~Specification~~	deleted		~~Centerline Erection Spec~~	~~7/18/11~~	~~Information~~	~~N~~	-	**N/A**	-
	ME	Specification	017320	0	BOP Mechanical Installation	7/18/11	**Issued**	N	-	**N/A**	-
	ME	Specification	230000	1	Building HVAC	7/18/11	**Issued**	Y	Mech3	**Approved**	CBO-001/A M2
	ME	Specification	220000	2	Building Plumbing	7/18/11	**Issued**	Y	Mech-1	**Approved**	CBO-001/A M3
5/11	ME	Specification	211000	1	Fire Protection Subcontract (above ground & integration)	5/19/11	Information	Y	Fire-1-3.0	**Approved. Rev 1 approved 12/1/11**	
9/11	~~ME~~	~~Specification~~	deleted		~~Construction Subcontract Package~~	~~7/18/11~~	~~Information~~	~~N~~	~~N~~	**N/A**	-
	ME	Specification			Insulation Subcontract		Information	N	N	**N/A**	-
	ME	Specification			Chemical Cleaning Subcontract	6/15/11	Information	N	N	**N/A**	-
	ME	Specification			Performance Testing (subcontract)	6/15/11	Information	N	N	**N/A**	-
	ME	Specification			**Equipment Specifications**	-	-	-	-	-	-
	ME	Specification	013600	1	General Design Requirements	2/14/11	**Issued**	N	N	**N/A**	-
	ME	Specification	013300	0	Submittals Requirements	2/14/11	**Issued**	N	N	**N/A**	-
	ME	Specification	016500	1	Product Shipment, Delivery, Receiving & Storage	2/14/11	**Issued**	N	N	**N/A**	-
9/11	~~ME~~	~~Specification~~	deleted		~~Miscellaneous Pumps~~	~~3/30/11~~	~~Approval~~	~~N~~	~~N~~	**N/A**	-
	ME	Specification	213000	1	Fire Pump Skid	2/4/11	**Issued**				
	ME	Specification	221500	3	Air Compressor Package	3/22/11	**Issued**	N	N	**N/A**	-
	ME	Specification	236400	3	Air Coolded Chiller	1/14/11	**Issued**	N	N	**N/A**	
	ME	Specification	421213	1	Fuel Gas Heater	2/22/11	**Issued**	N	N	**N/A**	-
	ME	Specification	432113.20	0	Horizontal Pumps	3/30/11	**Issued**	N	N	**N/A**	-
	ME	Specification	432143.30	1	Sump Pumps	4/20/11	**Issued**	N	N	**N/A**	-
	ME	Specification	431213	1	Fuel Gas Compressors	1/10/11	**Issued**	N	N	**N/A**	-
	ME	Specification	434001	0	Polyethyelene Storage Tanks	3/31/11	**Issued**	N	N	**N/A**	-
	ME	Specification	434116.13	1	Underground Tanks - FRP	3/31/11	**Issued**	N	N	**N/A**	-
	ME	Specification	441100	3	Ammonia Storage & Transfer	3/29/11	**Issued**	Rev 2 Approval / Ref	Struc-4a / Haz-4	**R3 Approved 8/9**	rev 0 approved
	ME	Specification	433269 DS	A	Chemical Feed System	3/31/11	**Issued**	N	N	**N/A**	-

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	ME	Specification	444253	0	Oil Water Separator	3/22/11	**Issued**	N	N	**N/A**	-
9/11	~~ME~~	~~Specification~~	deleted		~~Misc. Gas Treatment~~	~~2/22/11~~	~~Approval~~	~~N~~	~~N~~	**N/A**	-
	ME	Specification	441110	1	Emissions Control Module (ECM: stack, SCR, CO, attemp fans)	1/13/11	**Issued**	N	N	**N/A**	-
	ME	Specification	460713	2	Potable Water System	-	**Issued**	Y	Mech3	**Approved**	CBO-001/A M3
	ME	Specification	466100	1	Filtered Water System		**Issued**	N	N	**N/A**	-
9/11	~~ME~~	~~Specification~~	deleted		~~Pressure Vessels~~	-	~~Approval~~	~~N~~	~~N~~	**N/A**	-
5/11	~~ME~~	~~Specification~~	~~n/a~~	~~n/a~~	~~Sumps;~~ Deleted - See M-T0004, M-T0005 drawings	~~7/13/11~~	~~Approval~~	~~N~~	~~N~~	**N/A**	-
	ME	Drawing			**P&ID's**	-	-	-	-	-	-
	ME	Drawing	M-SYM01	2	Symbols & Nomenclature sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R1 Approved 8/29/11- Reference Only. R2 Ref Only 10/13/11	
	ME	Drawing	M-SYM02	1	Symbols & Nomenclature sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-AMM01	3	Aqueous Ammonia Storage and Transfer	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Ref Only 10/13/11	
	ME	Drawing	M-CHW01	3	Chilled Water System	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CM01	3	Compressed Air System Service Air sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CM02	1	Compressed Air System Instrument Air sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG61	3	CTG and Auxilliaries, Unit 600	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 pending 9/30	
	ME	Drawing	M-CTG71	3	CTG and Auxilliaries, Unit 700	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG81	3	CTG and Auxilliaries, Unit 800	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG91	3	CTG and Auxilliaries, Unit 900	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG62	3	CTG Inlet Plenum, Unit 600	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG72	3	CTG Inlet Plenum, Unit 700	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG82	3	CTG Inlet Plenum, Unit 800	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG92	3	CTG Inlet Plenum, Unit 900	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG63	2	CTG Vents and Drains, Unit 600	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG73	2	CTG Vents and Drains, Unit 700	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG83	2	CTG Vents and Drains, Unit 800	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG93	2	CTG Vents and Drains, Unit 900	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG64	2	CTG/Exhaust/CEMS System, Unit 600	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG74	2	CTG/Exhaust/CEMS System, Unit 700	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG84	2	CTG/Exhaust/CEMS System, Unit 800	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG94	2	CTG/Exhaust/CEMS System, Unit 900	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-DOW01	3	Oily Water Drain System Sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 pending 9/30	
	ME	Drawing	M-DOW02	2	Oily Water Drain System Sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-DOW03	3	Oily Water Drain System Sht 3	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-DW01	2	Demineralized Water System	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	ME	Drawing	M-FG01	3	Fuel Gas System Sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-FG02	3	Fuel Gas System sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
7/11	ME	Drawing	M-FG03	3	Fuel Gas System sht 3	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
7/11	ME	Drawing	M-FG04	3	Fuel Gas System sht 4	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-FP01	2	Fire Protection	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-PW01	3	Potable Water System sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-PW02	2	Potable Water System sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-SW01	3	Service Water System	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-SWW01	1	Sanitary Waste Water System	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-WW01	3	Waste Water System sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
7/11	~~ME~~	~~Drawing~~	~~M-WW01~~	~~0~~	~~Waste Water System sht 2~~	-	-	-	-	-	
	ME	Other			**Other Mech Documents**	-	-	-	-	-	-
	ME	Criteria	FP1-1	1	Fire Risk Evaluation	4/14/11	**Issued**	Y	Fire-1	**Approved**	
	ME	List	M-EL-01	3	Equipment List	5/19/11	**Issued**	N	-	-	-
	ME	Calc/Study	ME-MEP-008	A	Compressed Air Requirements		**Issued**	N	-	-	-
	ME	Criteria	ME-MEP-009	A	Fire Protection Fire Water Pump Sizing	4/14/11	**Issued**	Y	Fire-1	**Approved**	
9/11	ME	Narrative	SDD's	mult	System Design Description (narratives; 9 docs)	-	**Issued**	N	-	-	
	ME	Drawing	M-T0001	1	Demineralized Water Storage Tank	2/21/11	**Issued**	N	-	-	-
	ME	Drawing	M-T0002	1	Raw Water / Fire Water Storage Tank	2/21/11	**Issued**	N	-	-	-
	ME	Drawing	M-T0003	1	Waste Water Storage Tank	2/21/11	**Issued**	N	-	-	-
5/11	ME	Drawing	M-T0004	0	Oily Water Sump Detail	-	**Issued**	N	-	-	-
5/11	ME	Drawing	M-T0005	0	Waste Water Sump Detail	-	**Issued**	N	-	-	-
	ME	Drawing	M-WB01	1	Water Balance- Peak	3/31/11	**Issued**	N	-	-	-
	ME	Drawing	M-WB02	1	Water Balance- Design	3/31/11	**Issued**	N	-	-	-
	AR				**ARCHITECTURAL**						
	AR	Specification			**Construction/Subcontract Specs**	-	-	-	-	-	-
6/11	AR	Specification	62000	1	Finish Carpentry	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
7/11	~~AR~~	~~Specification~~	~~72100~~	~~1~~	~~Building Insulation~~	~~2/23/11~~	**Deleted**			-	
6/11	AR	Specification	79000	1	Joint Sealants	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	81100	1	Steel Doors and Frames	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
7/11	~~AR~~	~~Specification~~	~~81400~~	~~1~~	~~Wood Doors~~	~~2/23/11~~	**Deleted**			-	5/17 lettr on index
6/11	AR	Specification	87000	1	Door Hardware	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	88000	1	Glazing	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	92116	1	Gypsum Board	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	92216	1	Non-Load Bearing Steel Framing	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
7/11	~~AR~~	~~Specification~~	~~93013~~	~~1~~	~~Ceramic Tile~~	~~2/23/11~~	**Deleted**			-	5/17 lettr on index
6/11	AR	Specification	95123	1	Acoustical Tile Ceillings	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	96500	1	Resilient Tile Flooring and Base	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	99010	1	Painting	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
6/11	AR	Specification	101400	1	Signage	2/23/11	Issued	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	102800	1	Toilet and Bath Accessories	2/23/11	Issued	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
	AR	Specification	133400	2	Pre-Engineered Bldgs Basis of Design	2/23/11	Issued	Y	Struc-1a,b,c	Approved	CBO-001/A S2
	AR	Specification	133419	1	Pre-Engineered Bldgs (collaborate w/Struct)	2/23/11	Issued	Y	Struc-1a,b,c	Approved	CBO-001/A S2
	AR	Drawing			**Drawings**	-	-	-	-	-	-
	AR	Drawing			**General Drawings / Standards - All Buildings**	2/23/11	--	--	-	-	-
	AR	Drawing	A-S4001	1	Finish Schedule & Legend	2/23/11	Issued	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
	AR	Drawing	A-S4002	1	Door Schedules	2/23/11	Issued	N-see vendor	-	-	-
	AR	Drawing			**Control Building**	2/23/11	--	--	-	-	-
	AR	Drawing	A-P1001	1	Overall Floor Plan	2/23/11	Issued	N-see vendor	-	-	-
	AR	Drawing	A-E1002	1	Exterior Elevations	2/23/11	Issued	N-see vendor	-	-	-
	AR	Drawing			**Warehouse**	2/23/11	--	--	-	-	-
	AR	Drawing	A-P2001	2	Overall Floor Plan	2/23/11	Issued	N-see vendor	-	-	-
	AR	Drawing	A-E2002	2	Exterior Elevations	2/23/11	Issued	N-see vendor	-	-	-
	AR	Drawing			**Canopies (one required)**	2/23/11	--	--	-	-	-
	AR	Drawing	A-P3001	1	Air Compressor Shed Floor Plan, Elevation	2/23/11	Issued	N-see vendor	-	-	-
	IC				**INSTRUMENTS & CONTROLS**						
	IC	Specification			**Construction Specifications**	-	-	-	-	-	-
	IC	Specification	409010	0	BPO Instrument Installation and Testing	-	Issued	N	-	N/A	-
	IC	Specification	409040	1	I&C for Mechanical Packages	2/14/11	Approval	N	-	N/A	-
	IC	Specification	N		**Instrument Specifications & Data Sheets**	-	-	-	-	-	-
	IC	Specification	409113.23.92	1	CEMS - Continuos Emissions Mon. System	2/9/11	Information	N	-	N/A	-
	IC	Specification	409423.40	A	Control System Consoles		Approval	N	-	N/A	-
	IC	Specification	409423	1	Distributed Control System (DCS)	3/25/11	Issued	N	-	N/A	-
	IC	Datasheet	409119.29.10	A	Pressure Indicators	9/5/11	Issued	N	-	N/A	-
	IC	Datasheet	409119.29.40	A	Pressure Transmitter (Gauge/Absoulte/Differential	9/5/11	Issued	N	-	N/A	-
	IC	Datasheet	409213.29.22	B	Pressure Regulator (Self Contained)	9/5/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409213-23-10~~	deleted	~~Pressure Relief Valves~~	~~9/5/11~~		~~N~~	-	N/A	-
	IC	Datasheet	409119.36.10	A	Temperature Gage & Thermowell	9/5/11	Issued	N	-	N/A	-
	IC	Datasheet	409119.36.72	A	Thermocouple & Thermowell	9/5/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409119-36-71~~	deleted	~~RTD~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409119-36-50~~	deleted	~~Thermowell~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409119-36-40~~	deleted	~~Temperature Transmitter, Element, & Thermowell~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409123-36-10~~	deleted	~~Level Gage / Indicator~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	IC	Datasheet	409123-36-34	A	Level Switch (Vibrating)		Issued	N	-		
	IC	Datasheet	409123.36.42	A	Level Transmitter (Differential Pressure)	9/5/11	Issued	N	-	N/A	-
11/11	IC	Datasheet	409123.36.44	B	Level Transmitter (Guided Wave Radar)		Issued	N	-		
11/11	~~IC~~	~~Specification~~	~~409123-36-36~~	deleted	~~Level Switch - Float~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	IC	Datasheet	409123.33.11	A	DP Flow Indicator		Information	N	-		
	IC	Datasheet	409123.33.74	A	Flow Element (Orifice)	9/5/11	Issued	N	-	N/A	-
	IC	Datasheet	409123.33.85	A	Flowmeter (Turbine)		Issued	N	-		
	IC	Datasheet	409123.33.89	A	Flow Transmitter (Differential Pressure)	9/5/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409123-33-83~~	deleted	~~MAG Flow Meter - Vortex~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409123-33-87~~	deleted	~~Flow Meter - Variable Area~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409123-33-88~~	deleted	~~Fuel Gas Flow Revenue Check Meter (ultrasonic)~~	~~9/5/11~~		~~N~~	-	N/A	-
	IC	Specification	N		**Control Valves**	-	-	-	-	-	-
	IC	Datasheet	409213.13.30	B	Modulating Control Valve Globe	4/14/11	Information	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409213-13-20-10~~	deleted	~~Control Valves - Ball Modulating~~	~~4/14/11~~	~~Approval~~	~~N~~	-	N/A	-
	IC	Datasheet	409213.13.10.10	B	Modulating Control Valve Butterfly	4/14/11	Information	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409213-13-10-20~~	deleted	~~Control Valves - Butterfly On/Off~~	~~4/14/11~~	~~Approval~~	~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409213-26~~	deleted	~~Solenoid Valves~~	~~4/14/11~~	~~Approval~~	~~N~~	-	N/A	-
	IC	Datasheet	409213.13.20.20	B	On - Off Control Valve Ball	4/14/11	Information	N	-	N/A	-
	IC	Specification			**Analyzers**	-	-	-	-	-	-
	IC	Datasheet	409116.19.92	0	Analyzer (Conductivity)	4/21/11	Information	N	-	N/A	-
	IC	Datasheet	409113.29.91	0	Analyzer (pH)	4/21/11	Issued	N	-	N/A	-
6/11	IC	Datasheet	409113.29.94	0	Analyzer (Silica)	-	Issued	N	-	N/A	-
6/11	IC	Datasheet	409113.29.95	0	Analyzer (Chlorine)	-	Issued	N	-	N/A	-
	IC	Datasheet	409123.56	0	Weather Station	4/21/11	Issued	N	-	N/A	-

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	IC	Datasheet	409113.26	0	Analyzer (Natural Gas Chromatograph)	4/21/11	Issued	N	-	N/A	-
	IC	Drawing			**DRAWINGS**	-	-	-	-	-	-
	IC	Drawing			**Loop, Schematic & Wiring Diagrams**	-	-	-	-	-	-
	IC	Drawing	I-W1000 - I-W1021	0	Instrument Loop Diagrams (set of 21)	10/3/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-S0300 - I-S0307~~	deleted	~~Schematics (set of 8)~~	~~-~~	~~Information~~	~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Drawing~~	~~set of 72~~	deleted	~~Interconnect & Wiring Diagrams (set of 72)~~	~~-~~	~~Information~~	~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Drawing~~	~~dwg ###~~	deleted	~~Equipment Interlock Diagrams (set of 4)~~	~~-~~	~~Information~~	~~N~~	~~-~~	N/A	-
	IC	Drawing			**Misc. Drawings**	-	-	-	-	-	-
7/11	IC	Drawing	I-N0300	B	Control System Network Architecture sht 1 of 4	-	Issued	N	-	N/A	
7/11	IC	Drawing	I-N0301	B	Control System Network Architecture sht 2 of 4	-	Issued	N	-	N/A	
7/11	IC	Drawing	I-N0302	B	Control System Network Architecture sht 3 of 4	-	Issued	N	-	N/A	
7/11	IC	Drawing	I-N0303		Control System Network Architecture sht 4 of 4	-	Approval	N	-	N/A	
7/11	IC	Drawing	I-P3500	B	Control Room Layout	-	Issued	N	-	N/A	
	IC	Drawing	I-P3000	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3001	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3002	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3003	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3004	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3005	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3006	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3007	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3008	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3009~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3010~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3011~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3012~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3013~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3014~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
	IC	Drawing	I-P3015	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3016	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3017~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3018~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3019~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3020~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3021~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3022~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3023~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3024~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3025~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
	IC	Drawing	I-DC001	0	Instrument Installation Detail Drawings Index	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-DA001	0	Conductivity Or Ph (In-Line Probe)	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DF001	0	Flow Meter With Remote Indication	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DF002	0	Pitot Tube Flow Element And Integral Transmitter	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DF003	0	Flow (Dp) Instrument Low Pressure/Liquid Service Instrument Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DF004	0	Flow (Dp) Instrument, Low Press/Gas-Air Service, Inst Mounted Above Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG001	0	Local Indicator Electronic	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG002	0	Conduit Connection	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG003	0	Instrument Tubing Detail For Process Pipe Thrust Due To Thermal Expansion	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG004	0	Sample Tubing Support & Expansion Loop Criteria	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG005	0	Instrument Pipe Support 2 Inch Pipe Floor Or Grade Mounting	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG006	0	Instrument Pipe Support 2 Inch Pipe Wall Or Column Mounting	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG007	0	Instrument Pipe Suppport Mounting Plate Assembly And Enclosure	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL001	0	Level Instrument, Rf/Admittance Type, Vessel Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL002	0	Level (Dp) Instrument, Flange Mounted On Vessel, Atmospheric Vessel	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL003	0	Level (Dp) Instrument Liquid Service Low Press/Low Temp Inst Mounted Below Taps	5/26/11	Issued	N	-	N/A	-

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	IC	Drawing	I-DL004	0	Level (Dp) Instrument, Low Press/ Liquid Service, Inst Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL005	0	Level Switch Instrument, Drip Leg Installation, Low Pressure	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL006	0	Level Gauge Or Indicator With Level Transmitter, Low Press/Liquid Service	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL007	0	Level (Dp) Instrument Remote Diaphragm Seals	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL008	0	Level Guided Wave Radar Transmitter Low Pressure/Liquid Service	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL009	0	Level Transmitter With Connection Head Vessel Or Sump Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP001	0	Pressure Indicator Line Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP002	0	Pressure Indicator With Diaphragm Seal, Line Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP003	0	Pressure Instrument Remote Diaphragm Seal	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP004	0	Diff Pressure Indicator Gas/Air Low Press/Low Temp Instrument Mounted Above Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP005	0	Diff Pressure Indicator Liquid Low Press/Low Temp Instrument Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP006	0	Pressure Instrument, Low Press/Liquid Service, Inst Mounted Below Tap	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP007	0	Diff Pressure Instrument, Low Press/Liquid Service, Inst Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP008	0	Pressure Instrument, Low Press/Air-Gas Service, Inst Mounted Above Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP009	0	Diff Press Inst - Gas/Air Low Press/Low Temp Inst Mounted Above Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DT001	0	Temperature Element, Thermocouple Or Rtd, Line Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DT002	0	Temperature Indicator, Line Or Equipment Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DT003	0	Temperature Transmitter Remote Mount	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DT004	0	Thermowell Details	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DV001	0	Instrument Air Supply Air Operated Valve Three Valve Arrangement	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DV002	0	Instrument Air Supply Air Operated Valve Six Valve Arrangement	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DV003	0	Instrument Air Supply Air Operated Valve W/Thermal Movement Three Valve Arrangement	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DV004	0	Instrument Air Supply Air Operated Valve W/Thermal Movement Six Valve Arrangement	5/26/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~#####~~	Deleted	~~Panel Drawings (set of 5)~~	~~5/26/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-W2500-I-W2504~~	Deleted	~~Emergency Shut Down System (set of 5)~~	~~5/26/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
10/11	IC	Document	various	various	System Control Logic Narratives		Issued	N	-		
	IC	Study/Calc			**Studies & Calculations**	-	-	-	-	-	-
11/11	~~IC~~	~~Study/Calc~~	~~#~~	Deleted	~~Flow Calcs/Philosophy~~	~~4/14/11~~		~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Study/Calc~~	~~#~~	Deleted	~~Control Valve & PSV Calcs/Philosophy~~	~~6/17/11~~		~~N~~	~~-~~	N/A	-
	IC	Study/Calc			**Lists**	-	-	-	-	-	-
7/11	IC	Study/Calc	I-XXX-L-X-50	0	Instrument Index	-	Issued	N	-	N/A	-
7/11	IC	Study/Calc	I-XXX-L-X-60	0	DCS I/O List	-	Issued	N	-	N/A	-
	PI				**PIPING**						
	PI				**Construction Packages/Specifications**	-	-	-	-	-	-
	PI	Specification	264200	0	Galvanic Anode Cathodic Protection System	5/5/11	information	Issued	Mech-1a	Approved	
	PI	Specification	404216	0	Power Plant Piping and Equipment Insulation	5/5/11	Issued	Y	Mech-1a	Reference only	
	PI	Specification	405010	2	Underground Power Plant Piping	5/5/11	information	Y	Mech-1a	R2 Approved 7/18	M1, M2
	PI	Specification	405020	0	Aboveground Power Plant Piping	5/5/11	information	Y	Mech-1a	Reference only	M1, M2
	PI	Specification	405200	0	Shop Fabrication of Power Plant Piping	5/5/11	information	Y	Mech-1a	Reference only	M1, M2
	PI	Specification	485868	0	Welding of Power Plant Piping	5/5/11	information	Y	Mech-1a	Reference only	M1, M2
	PI	Specification			**Equipment Specifications**	-	-	-	-	-	-
	PI	Specification	405000	2	Power Plant Piping Materials	3/31/11	Issued	Y	Mech-1	Approved 6/10; R2 Approved 10/6/11	M1, M2
	PI	Specification	405500	2	Power Plant Valves	3/31/11	Issued	Y	Mech-1	Approved 6/10; R2 Approved 10/6/11	M1, M2
	PI	Specification	405720	0	Power Plant Piping Engineered Supports	3/31/11	information	Y	Mech-1a	R0 Reference only; R1 Approved 9/23/11	M1, M2
	PI	Specification	406001	0	Power Plant Strainers	5/31/11	Issued	N	-	n/a	-
	PI	Specification	406002	1	Power Plant Expansion Joints	5/31/11	Issued	N	-	n/a	-
	PI	Specification	406006DS	0	Hose Coupling	5/31/11	Issued	N	-	n/a	-
10/11	~~PI~~	~~Specification~~	~~406007~~	deleted	~~Drip Pan Elbow~~	~~5/31/11~~	~~information~~	~~N~~	~~-~~	n/a	-

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
10/11	~~PI~~	~~Specification~~	~~406008~~	deleted	~~Vent Cap and Bird Screen~~	~~5/31/11~~	~~information~~	~~N~~	~~-~~	n/a	-
10/11	~~PI~~	~~Specification~~	~~406009~~	deleted	~~Flame Arrestor~~	~~5/31/11~~	~~information~~	~~Y~~	~~Mech-1a~~	n/a	
	PI	Specification	406010DS	0	Backflow Preventer Data Sheet	5/31/11	Issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
	PI	Specification	406011DS	0	Safety Shower and Eye-Wash Stations Data Sheet	5/31/11	Issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
	PI		PS-6000		Standard Support Drawing Package		Issued	N		n/a	
	PI		set		Special Pipe Supports (set of approx 60)		Issued	N		n/a	
	PI	Drawing			**U/G PIPING ORTHO DRAWINGS**	-	-	-	-	-	-
	PI	Drawing	P-PU001	1	Piping Underground Key Plan	5/19/11	information	Y	Mech-1a	R0 Approved 8/9; R1 approved 11/28/11	
	PI	Drawing	P-PU060	1	Piping Plan Underground Unit 600 Scr Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU061	1	Piping Plan Underground Unit 600 Ctg Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU062	0	Piping Plan Underground Unit 600 Gsu Power Block Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU070	1	Piping Plan Underground Unit 700 Scr Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU071	1	Piping Plan Underground Unit 700 Ctg Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU072	0	Piping Plan Underground Unit 700 Gsu Power Block Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU080	1	Piping Plan Underground Unit 800 Scr Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU081	1	Piping Plan Underground Unit 800 Ctg Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU082	0	Piping Plan Underground Unit 800 Gsu Power Block Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU090	1	Piping Plan Underground Unit 900 Scr Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU091	1	Piping Plan Underground Unit 900 Ctg Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU092	0	Piping Plan Underground Unit 900 Gsu Power Block Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU100	1	Piping Plan Underground Unit 900 Ctg And Heater/Chiller Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU101	1	Piping Plan Underground Unit 900 Ctg And Chiller Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU102	0	Piping Plan Underground Power Distribution Center Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU103	0	Piping Plan Underground Fuel Gas Dew Point Heater Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU110	1	Piping Plan Underground Chiller/Demin Water Tank Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU111	1	Piping Plan Underground Chiller, Dw Tank And Ww Tank Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU112	4	Piping Plan Underground F.G. Compressor And Maintenance Building Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9; R4 Approved 10/20/11	
	PI	Drawing	P-PU113	3	Piping Plan Underground F.G. Compressor And F.G. Yard Metering Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9; R3 Approved 11/28/11	
	PI	Drawing	P-PU114	0	Piping Plan Underground Plant Entrance And Fire Protection Access Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU120	1	Piping Plan Underground Service Water Tank And Fire Protection Skid Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU121	1	Piping Plan Underground Ww Tank, Sw Tank And Ammonia Unloading Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU122	0	Piping Plan Underground Maintenance Building And Ammonia Unloading Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
11/11	PI	Drawing	P-PU123	0	Piping Plan Underground Raw Water Supply Line To Plant			Y	Mech-1a	R0 Approved 11/28/11	
	PI	Drawing	P-PU130	0	Piping Plan Underground Raw Water Supply Line To Plant	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing			**U/G PIPING DETAILS**	-	-	-	-	-	-
	PI	Drawing	P-PU510	0	Piping Details Underground/Aboveground Fire Protection And Bollard Details	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-VU200	0	Piping Details Underground Stub-Up, Drain And Wall Penetration Details	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-VU201	1	Piping Details Underground/Aboveground Utility Station And Eye Wash Details	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
					U/G PIPING ISOMETRICS (sets)					-	
8/11	PI	Drawing	CHW UG ISO Set-01	1	CHW Underground Piping Isometric Set w/ Index	5/19/11	information	N	--	-	
8/11	PI	Drawing	UG ISO Set-01	1	Underground Piping Isometric Set	5/19/11	information	N	--	-	
	PI	Drawing	N		**FIRE PROTECTION**	-	-	-	-	-	-
11/11	~~PI~~	~~Drawing~~	~~P-PU500~~	deleted	~~U/G - Fire Protection Loop~~ - SEE UG ORTHOS"	~~5/19/11~~	~~information~~	~~Y~~	~~Mech-1a~~	N/A	
11/11	~~PI~~	~~Drawing~~	~~P-PU501~~	deleted	~~U/G - Fire Protection Loop~~ - SEE UG ORTHOS"	~~5/19/11~~	~~information~~	~~Y~~	~~Mech-1a~~	N/A	
11/11	~~PI~~	~~Drawing~~	~~P-PU510~~	deleted	~~U/G - Fire Protection Loop Details~~	~~5/19/11~~	~~information~~	~~Y~~	~~Mech-1a~~	N/A	
	PI	Drawing	N		**CATHODIC PROTECTION**	-	-	-	-	-	-
	PI	Drawing	P-PU700	0	U/G - Cathodic Protection Plan	4/14/11	Issued	Y	Mech-1a	R0 comments 8/3/11; R1 Approved 9/29	
	PI	Drawing	P-PU701	1	U/G - Cathodic Protection Details	4/14/11	Issued	Y	Mech-1a	R0 comments 8/3/11; R1 Approved 1/6/12	
6/11	PI	Drawing	P-PU702	1	U/G - Cathodic Protection Details	4/14/11	Issued	Y	Mech-1a	R0 comments 8/3/11; R1 Approved 9/29	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	PI	Drawing			**A/G PIPING ISOMETRICS (set of 320)**	-	-	-	-	-	-
6/11, 8/11	PI	Drawing	set of xxx	0	A/G PIPING ISOMETRIC - Unit 6, 7, 8, 9	7/18/11	information	N	~~Mech-1a~~	-	
6/11, 8/11	PI	Drawing	set of xxx	0	A/G PIPING ISOMETRIC Common	7/18/11	information	N	~~Mech-1a~~	-	
	PI	Drawing			**A/G PIPING ORTHO DRAWINGS**	-	-	-	-	-	-
	PI	Drawing	P-PA001	0	A/G - Piping Key Plan	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
11/111	PI	Drawing	P-PA010	0	Piping Plan Above Ground (ortho)		Issued	Y	Mech-1a	Rev 0 Approved 11/23/11	
	PI	Drawing	P-PA060	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA061	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA062	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA063	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA064	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA065	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA070	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA071	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA072	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA073	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA074	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA075	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA080	1	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA610	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA611	0	Piping Plan Above Ground (ortho)	`	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA612	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA613	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA620	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA710	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA711	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA712	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA713	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA720	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA721	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA810	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA811	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA812	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA813	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA820	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA821	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA910	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA911	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA912	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA913	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA920	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA921	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA123	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
11/11	~~PI~~	~~Drawing~~	~~P-PA131~~	~~0~~	~~Piping Plan Above Ground (ortho)~~	~~7/21/11~~	-	~~Y~~	~~Mech-1a~~	n/a	
11/11	~~PI~~	~~Drawing~~	~~P-PA140~~	~~0~~	~~Piping Plan Above Ground (ortho)~~	~~7/21/11~~	-	~~Y~~	~~Mech-1a~~	n/a	
	PI	Drawing			**AG PIPING DETAILS**	-	-	-	-	-	-
10/11	~~PI~~	~~Drawing~~	~~P-VA200~~	deleted	~~AG PIPING DETAILS~~	~~7/21/11~~	~~information~~	~~Y~~	~~Mech-1a~~	n/a	
10/11	~~PI~~	~~Drawing~~	~~P-VA201~~	deleted	~~AG PIPING DETAILS~~	~~7/21/11~~	~~information~~	~~Y~~	~~Mech-1a~~	n/a	
	PI	Calc/Study			**Calculations & Analysis**	-	-	-	-	-	-
	PI	Calc/Study	PI-MEP-001	0	Stress Criteria for Piping Systems	6/23/11	issued	Y	Mech-1a	rev 0 approved 10/14	
9/11	PI	~~Calc/Study~~	~~PI-MEP-002~~		~~Stress Analysis for CTG Lube Oil Pipe~~	~~6/23/11~~	~~information~~	~~Y~~	~~Mech-1a~~	Deleted	
	PI	Calc/Study	PI-MEP-002	0	Stress Analysis for Fuel Gas Pipe	6/23/11	issued	Y	Mech-1a	rev 0 approved 10/14	
9/11	~~PI~~	~~Calc/Study~~	~~PI-MEP-00x~~		~~Stress Analysis for Ammonia Pipe~~	~~6/23/11~~	~~information~~	~~Y~~	~~Mech-1a~~	Deleted	
9/11	~~PI~~	~~Calc/Study~~	~~PI-MEP-005~~		~~Stress Analysis for Water Tank Nozzle Loads~~	~~6/23/11~~	~~information~~	~~Y~~	~~Mech-1a~~	Deleted	
	PI	Calc/Study	PI-MEP-003	0	Cathodic Protection Anode	4/7/11	Issued	Y	Mech-1a	Rev 0 Approved 9/29/11	
	PI	List			**Lists & Reports**	-	-	-	-	-	-
	PI	List	P-XXX-L-0-0001	2	Pipe Line Report	6/17/11	issued	Issued	Mech-1a	rev 1 Reference Only 8/22; rev 2 Ref Only 12/5/11	
	PI	List	P-XXX-L-0-0010	2	Valve Report	5/5/11	issued	Y	Mech-1a	rev 1 Reference Only 8/22; rev 2 Approved 10/19/11	
	PI	List	P-XXX-L-0-0020	0	Agboveground Specialty Items Report	8/22/11	issued	Y	Mech-1a	Rev 0 Approved 10/20/11	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	PI	List	P-XXX-L-0-0021	1	Hydrant Report	8/22/11	information	Issued	Mech-1a	rev 1 Reference Only 8/22	
	PI	List	P-XXX-L-0-0022	0	Expansion Joint Report	8/22/11	issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
	PI	List	P-XXX-L-0-0023	0	Permanent Strainer Report	8/22/11	issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
10/11	~~PI~~	~~List~~	~~P-XXX-L-0-0024~~	deleted	~~Safety Shower and Eye-Wash Station Report -~~ See AG Specialy List Above	~~8/22/11~~	~~information~~	~~Y~~	~~Mech-1a~~	n/a	
	PI	List	P-XXX-L-0-0025	2	Underground Specialty Items Report	8/22/11	information	Issued	Mech-1a	rev 1 Reference Only 8/22. Rev 2 Approved 10/20/11	
8/11	PI	List	P-XXX-L-0-0030	B	UG MTO	8/22/11	information	N	-	-	
	EL				**ELECTRICAL**						
	EL				**Construction Specifications**					--	
9/11	EL	Specification	260510	0	Wire and Cable Installation	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	260526	0	Grounding and Bonding	8/25/11	Issued	Y	TSE-1, Elec-1	rev 0 Elec-1 Approved 9/28/11; rev 0 TSE-1 approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	260536	0	Cable Tray	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
8/11	~~EL~~	~~Specification~~	~~260550~~		~~Electrical Equipment Installation~~	~~8/25/11~~	~~information~~	deleted	deleted	Deleted	Santucci email to JN 8/30/11
9/11	EL	Specification	260575	0	Basic Electrical Material and Methods	5/6/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	264113	0	Lightning Protection	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	269900	0	Electrical Equipment Inspection and Testing	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	270000	0	Communications	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	270528	0	Telephone Raceway Systems	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	281300	A	Security System	8/25/11	information	N	-	N/A	
	EL	Specification	283100	B	Fire Detection and Alarm System		information	Y			
	EL	Specification	337119	1	Electrical Underground Ductbanks and Manholes	5/6/11	information	Y	ELEC-1	Approved 6/22; Rev 1 Approved 10/24/11	
	EL	Specification	337119.13	B	PreCast Concrete Manholes	5/6/11	information	N	-	N/A	
	EL	Specification	#		Above Ground Power/Control		information				
	~~EL~~	~~Specification~~	~~#~~	Deleted	~~Temporary Power~~		~~information~~			N/A	
	EL	Specification			**Equipment Specifications**					--	
	EL	Specification	260005	1	Pre-Engineered Building - Electrical	2/23/11	Issued	N	-	-	-
	EL	Specification	260504	1	Elect Requirements for Packaged Mechancial Equipment	2/14/11	Issued	Y	Elec-1		
	EL	Specification	260505	1	Low Voltage AC Induction Motors & Data Sheets	2/14/11	Issued	Y	Elec-1		
	EL	Specification	260507	0	Medium Voltage AC Induction Motors	2/14/11	Issued	Y	Elec-1		
11/11	~~EL~~	~~Specification~~	~~260513,519~~	Deleted	~~Wire & Cable -~~ **See spec 260575**	~~4/11/11~~	~~information~~	~~Y~~	~~Elec-1~~	N/A	
	EL	Specification	261213	1	Unit Auxillary Station Transformers & Data Sheets	1/27/11	Issued	Y	Elec-1		
	EL	Specification	261300	0	Medium Voltage Switchgear & Data Sheets	3/30/11	Issued	Y	Elec-1		
	EL	Specification	261213.01	0	Station Service Transformers & Data Sheets	1/27/11	Issued	Y	Elec-1		
	EL	Specification	262300	0	Low Voltage Switchgear & Data Sheets	4/1/11	Issued	Y	Elec-1		
	EL	Specification	262418	B	Protective Relay Panels	7/6/11	Issued	Y	Elec-1		
	EL	Specification	262419	0	Motor Control Centers & data sheets	3/28/11	Issued	Y	Elec-1		
	EL	Specification	262502	0	Non-Segregated Bus Duct & data sheets	3/28/11	Issued	Y	Elec-1		
	EL	Specification	262600	0	Power Distribution Centers	3/28/11	Issued	Y	Elec-1		
	EL	Specification	263355	0	DC Battery and UPS Power Supply System	5/10/11	Issued	Y	Elec-1		
	EL	Specification	265000	0	Lighting	8/25/11	Issued	Y	Elec-1	rev 0 pending 9/27	
	EL	Specification	481923	1	Generator Step Up Transformers & Data Sheets	1/13/11	Issued	Y	Elec-1	R1 Approved 8/31	
	EL	Specification	337500	1	Generator Circuit Breaker	3/21/11	Issued	Y	Elec-1	R1 Approved 7/11	
	EL	Specification	#		Lighting & Power Panelboards	8/10/11		Y	Elec-1		
8/11	~~EL~~	~~Specification~~	~~260536~~		~~Cable Tray;~~ Duplicate - see constr specs above	~~6/24/11~~	~~Approval~~	~~Y~~	~~Elec-1~~	--	
	EL	Drawing			**Key Plans & Area Classification**					--	
	EL	Drawing	E-K0011	0	Underground Key Plan	4/7/11	Issued	Y	Elec-1	rev 0 approved 6/22	CBO-001/A E1
	EL	Drawing	E-K0012	1	Grounding Key Plan	4/7/11	Issued	Y	Elec-1, TSE-4	rev 0 comments; rev 1 pending 12/2/11	CBO-001/A E1
	EL	Drawing	E-K0013	0	Cable Tray Key Plan	4/7/11	Issued	Y	Elec-1	rev 1 Reference Only 1/6/12	CBO-001/A E1
	EL	Drawing	E-K0014	0	Lighting Key Plan	4/7/11	Issued	Y	VIS-4a	rev 1 Reference Only 1/6/12	CBO-001/A E1

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-K0015	0	Layout Key Plan	4/7/11	Issued	Y	Elec-1	rev 1 Reference Only 1/6/12	CBO-001/A E1
	EL	Drawing	E-A0001	0	Abbreviaitons and Legend	4/7/11	Issued	Y	Elec-1	rev 0 pending 12/28/11	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~EA-0002~~	Deleted	~~Electrical Symbol Sheet~~	~~4/7/11~~	~~Information~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
	EL	Drawing	E-C0031	0	Area Classification Plan	4/7/11	Issued	Y	Elec-1	rev 1 Reference Only 1/6/12	CBO-001/A E1
	EL	Drawing	E-C0021	0	Area Classification Notes and Details	4/7/11	Issued	Y	Elec-1	rev 1 Approved 1/6/12	CBO-001/A E1
	EL	Drawing			**One-Line Diagrams**					--	
	EL	Drawing	E-N1000	2	Overall One-Line Diagram	5/5/11	Issued	Y	Elec-1	R1 Approved 8/11/11; R2 Approved 10/6/11	
	EL	Drawing	E-N1001	2	Medium Voltage One-Line Diagrams Unit 6	7/5/11	Issued	Y	Elec-1	RO Approved 8/11/11; R1 Approved 10/19/11; Rev 2 pending 12/28/11	
	EL	Drawing	E-N1002	2	Medium Voltage One-Line Diagrams Unit 7	7/5/11	Issued	Y	Elec-1	RO Approved 8/11/11; R1 Approved 10/19/11; Rev 2 pending 12/28/11	
	EL	Drawing	E-N1003	2	Medium Voltage One-Line Diagrams Unit 8	7/5/11	Issued	Y	Elec-1	RO Approved 8/11/11; R1 Approved 10/19/11; Rev 2 pending 12/28/11	
	EL	Drawing	E-N1004	2	Medium Voltage One-Line Diagrams Unit 9	7/5/11	Issued	Y	Elec-1	RO Approved 8/11/11; R1 Approved 10/19/11; Rev 2 pending 12/28/11	
	EL	Drawing	E-N1005	1	MV One- Line SG-EMV-0-01A sht 1	7/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/10/11; Rev 1 Approved 11/1/11	
	EL	Drawing	E-N1006	1	MV One- Line SG-EMV-0-01A sht 2	7/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/10/11; Rev 1 Approved 11/1/11	
	EL	Drawing	E-N1007	1	MV One- Line SG-EMV-0-01B sht 1	7/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/10/11; Rev 1 Approved 11/1/11	
	EL	Drawing	E-N1008	1	MV One- Line SG-EMV-0-01B sht 2	7/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/10/11; Rev 1 Approved 11/1/11	
	EL	Drawing	E-N1009	1	Low Voltage One-Line Diagrams SG-ELV-0-01 A/B	5/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 pendign 12/28/11	
11/11	~~EL~~	~~Schedule~~	~~MCC-ELV-0-01A~~	Deleted	~~Low Voltage MCC Diagrams MCC-ELV-0-01A;~~ see E-N1011	~~5/5/11~~	~~Issued~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Schedule~~	~~MCC-ELV-0-01B~~	Deleted	~~Low Voltage MCC Diagrams MCC-ELV-0-01B~~ - See E-N1012	~~5/5/11~~	~~Issued~~	~~Y~~	~~Elec-1~~	n/a	
	EL	Drawing	E-N1010	1	Low Voltage MCC One-Line Diagram MCC-ELV-0-01A	5/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 pendign 12/28/11	
	EL	Drawing	E-N1011	1	Low Voltage One-Line Diagram MCC-ELV-0-01A	5/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 pendign 12/28/11	
	EL	Drawing	E-N1012	1	Low Voltage One-Line Diagram MCC-ELV-0-01B	5/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 pendign 12/28/11	
	EL	Drawing	E-N1013	1	Low Voltage One-Line Diagram MCC-ELV-0-01B	-	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 pendign 12/28/11	
7/11	EL	Drawing	E-N1014	1	LV One-Line Diagram MCC-ELV--6-01	-	Issued	Y	Elec-1	R0 Approved 11/8/11; Rev 1 pending 12/28/11	
7/11	EL	Drawing	E-N1015	1	LV One-Line Diagram MCC-ELV--7-01	-	Issued	Y	Elec-1	R0 Approved 11/8/11; Rev 1 pending 12/28/11	
7/11	EL	Drawing	E-N1016	1	LV One-Line Diagram MCC-ELV--8-01	-	Issued	Y	Elec-1	R0 Approved 11/8/11; Rev 1 pending 12/28/11	
7/11	EL	Drawing	E-N1017	1	LV One-Line Diagram MCC-ELV--9-01	-	Issued	Y	Elec-1	R0 Approved 11/8/11; Rev 1 pending 12/28/11	
9/11	EL	Drawing	E-N1020	1	UPS One-Line Diagram	8/2/11	Issued	Y	Elec-1	Rev 0 comments 9/28; Rev 1 approved 11/30/11	
9/11	EL	Drawing	E-N1021	1	DC Power Distribution One-Line Diagram	8/2/11	Issued	Y	Elec-1	Rev 0 comments 9/28; Rev 1 approved 11/30/11	
	EL	Drawing			**Three-Line Diagrams**					-	
	EL	Drawing	E-N1300	1	MV Three Line GEN-CTG-6-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1301	1	MV Three Line GEN-CTG-7-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1302	1	MV Three Line GEN-CTG-8-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1303	1	MV Three Line GEN-CTG-9-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1304	1	MV Three Line GCB-EMV-6-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1305	1	MV Three Line GCB-EMV-7-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1306	1	MV Three Line GCB-EMV-8-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1307	1	MV Three Line GCB-EMV-9-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1308	0	HV Three Line GSU-EHV-6-01	7/13/11	Issued	N	-	n/a	-

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-N1309	0	HV Three Line GSU-EHV-7-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1310	0	HV Three Line GSU-EHV-8-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1311	0	HV Three Line GSU-EHV-9-01	7/13/11	Issued	N	-	n/a	-
9/11	~~EL~~	~~Drawing~~	~~E-N1312~~	deleted	~~MV Three Line SG-EMV-0-01A~~ (replaced by vendor dwgs)	~~7/13/11~~	~~information~~	~~N~~	-	n/a	-
9/11	~~EL~~	~~Drawing~~	~~E-N1313~~	deleted	~~MV Three Line SG-EMV-0-01B~~ (replaced by vendor dwgs)	~~7/13/11~~	~~information~~	~~N~~	-	n/a	-
	EL	Drawing	E-N1314	0	MV Three Line AUX-EMV-0-01A	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1315	0	MV Three Line AUX-EMV-0-01B	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1316	0	MV Three Line CMP-FG-0-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing			**Schematic & Wiring Diagrams**						
11/11	~~EL~~	~~Drawing~~	~~E-W1600~~	deleted	~~Relay Panel Layout~~	~~7/8/11~~	~~information~~	~~N~~	-	n/a	-
	EL	Drawing	E-W1601	A	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1602	A	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1603	A	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1604	A	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1605	A	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1606	A	Relay Panel Layout	7/8/11	information	N	-	n/a	-
11/11	~~EL~~	~~Drawing~~	~~E-W1607~~	Vendor	~~Relay Panel RP-XXX-0-01-87/GSU-9~~	~~7/8/11~~	~~information~~	~~N~~	-	n/a	-
11/11	~~EL~~	~~Drawing~~	~~E-W1608~~	Vendor	~~MV Breaker Main DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1609~~	Vendor	~~MV Breaker Tie DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1610~~	Vendor	~~MV Breaker Main DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1611~~	Vendor	~~MV Breaker 1 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1612~~	Vendor	~~MV Breaker 2 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1613~~	Vendor	~~MV Breaker 3 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1614~~	Vendor	~~MV Breaker 4 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1615~~	Vendor	~~MV Breaker 5 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1616~~	Vendor	~~MV Breaker 6 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1617~~	Vendor	~~MV Breaker 7 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1618~~	Vendor	~~MV Breaker 8 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1619~~	Vendor	~~MV Breaker 9 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1620~~	Vendor	~~MV Breaker 10 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1621~~	Vendor	~~MV Breaker 11 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1622~~	Vendor	~~MV Breaker 52G-EMV-6-01~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1623~~	Vendor	~~MV Breaker 52G-EMV-6-02~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1624~~	Vendor	~~MV Breaker 52G-EMV-7-01~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1625~~	Vendor	~~MV Breaker 52G-EMV-8-01~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1626~~	Vendor	~~MV Breaker 52G-EMV-9-01~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1627~~	Vendor	~~MV Breaker 52G-EMV-9-02~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	EL	Drawing	E-W1644	A	ESD System Schematic	-	Issued	Y	Elec-1	rev A pending 12/28/11	
11/11	EL	Drawing	E-W1645	A	ESD System Schematic	-	Issued	Y	Elec-1	rev A pending 12/28/11	
11/11	~~EL~~	~~Drawing~~	~~E-W1651~~	Vendor	~~CMP-FG-0-01A/B/C/D/E DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1652~~	Vendor	~~CMP-FG-0-01A/B/C/D/E DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1653~~	Vendor	~~RO Water Pump A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1654~~	Vendor	~~Demin Water Pump A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1655~~	Vendor	~~WW Sump Pump A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
	EL	Drawing	E-W1656	A	Fuel Gas Compr Oil Cooler Fan Schematic/Wiring Diagram	8/3/11	Issued	Y	Elec-1	rev 0 approved 10/26/11	
	EL	Drawing	E-W1657	A	Fuel Gas Compr Oil Pump Schematic/Wiring Diagram	8/3/11	Issued	Y	Elec-1	rev 0 approved 10/26/11	
11/11	~~EL~~	~~Drawing~~	~~E-W1658~~	Vendor	~~Gas Comp Gas Coolers 1/2/3/4/5 A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1659~~	Vendor	~~Tempering Air Fan 6/7/8/9 A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1660~~	Vendor	~~Ammonia Forwarding Pumps A/B/C Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1661~~	Vendor	~~Dilution Air Fan 6/7/8/9 A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
	EL	Drawing	E-W1663		Communications System	8/3/11		N	-		
11/11	~~EL~~	~~Drawing~~	~~E-W1664~~	deleted	~~Communications System~~	~~8/3/11~~		~~N~~	-	n/a	
9/11	EL	Drawing	B-SS004	A	Switchyard communication	-		N	-		
11/11	~~EL~~	~~Drawing~~	~~E-W1665~~	deleted	~~Security System~~	~~8/3/11~~		~~N~~	-	n/a	
	EL	Drawing	E-W1666		CAISO Panel	8/3/11		N	-		
	EL	Drawing	E-W1667		Phasor Diagram	8/3/11		N	-		
11/11	~~EL~~	~~Drawing~~	~~n/a~~	deleted	~~Metering~~	~~8/3/11~~		~~N~~	-	n/a	
	EL	Drawing			**Underground (model & dwgs)**				CBO-001/A E1	-	CBO-001/A E1
	EL	Drawing	E-U2000	0	Underground Notes and Details	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22	CBO-001/A E1
	EL	Drawing	E-U2001	0	Underground Notes and Details	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22	CBO-001/A E1
8/11	EL	Drawing	E-U2002	2	Manhole Details	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; Rev 1 pending 9/1/11; rev 2 approved 12/28/11	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-U2003	1	Cable Vault Details	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; Rev 1 pending 9/1/11	CBO-001/A E1
9/11	EL	Drawing	E-U2005	0	UG Details Gas Compressor Area	-	Issued	Y	Elec-1	rev 0 pending 9/8	
11/11	~~EL~~	~~Drawing~~	~~E-U2007~~	deleted	~~PDC Stub-Up Details~~	~~5/12/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-U2008~~	deleted	~~PDC Stub-Up Details~~	~~5/12/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-U2009~~	deleted	~~BOP Stub-Up Details - Gas Area~~	~~5/12/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
	EL	Drawing	E-U2010	4	Manhole Details	5/12/11	Issued	Y	Elec-1	rev 4 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2011	4	Manhole Details	5/12/11	Issued	Y	Elec-1	R4 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2012	2	Manhole Details	5/12/11	Issued	Y	Elec-1	R2 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2013	2	Manhole Details	5/12/11	Issued	Y	Elec-1	R2 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2014	3	Manhole Details	5/12/11	Issued	Y	Elec-1	R3 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2015	1	Manhole Details	5/12/11	Issued	Y	Elec-1	R1 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2016	1	Manhole Details	5/12/11	Issued	Y	Elec-1	R1 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2017	1	Manhole Details	5/12/11	Issued	Y	Elec-1	R1 Approved 8/9/11	CBO-001/A E1
12/11	~~EL~~	~~Drawing~~	~~E-U2020~~	deleted	~~MV Breaker Vault - Unit 6,7,8,9 Details~~ - See E-P6025	~~5/12/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
	EL	Drawing	E-U2021	5	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 10/24/11; rev 5 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2023	5	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 10/24/11; rev 5 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2025	4	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 3 Approved 10/3; rev 4 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2027	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2029	2	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 9/28; rev 2 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2031	4	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 10/24/11; rev 4 pending 12/8/11	CBO-001/A E1
	EL	Drawing	E-U2033	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2035	2	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 2 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2037	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2039	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2040	5	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 5 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2041	5	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 5 approved 12/28/11	CBO-001/A E1
9/11	EL	Drawing	E-U2042	2	Ductbank Sections		Issued	Y	Elec-1	rev 0 Approved 9/26 ; Rev 2 Approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2043	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 9/28; rev 3 approved 12/28/11	CBO-001/A E1
8/11	EL	Drawing	E-U2044	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2045	5	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 3 Approved 10/3; rev 5 approved 12/28/11	CBO-001/A E1
8/11	EL	Drawing	E-U2046	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	
	EL	Drawing	E-U2047	5	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 5 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2106	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3; rev 4 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2107	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3; rev 4 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2108	3	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3; rev 3 approved 12/28/11	CBO-001/A E1

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-U2109	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3; rev 2 pending 12/8/11	CBO-001/A E1
	EL	Drawing	E-U2111	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2112	2	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2113	2	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2114	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2115	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2116	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2117	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2118	5	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 5 Approved 11/29/11	CBO-001/A E1
	EL	Drawing	E-U2119	2	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 2 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2120	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2121	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; Rev 3 Approved 10/24/11; Rev 4 Approved 11/10/11	CBO-001/A E1
	EL	Drawing	E-U2122	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2123	0	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22	CBO-001/A E1
	EL	Drawing	E-U2124	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2125	3	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2126	2	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 2 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2127	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2128	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 4 Approved 11/29/11	CBO-001/A E1
	EL	Drawing	E-U2129	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2130	5	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 5 approved 11/29/11	CBO-001/A E1
	EL	Drawing	E-U2131	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2132	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; Rev 3 Approved 10/24/11; Rev 4 Approved 11/10/11	CBO-001/A E1
		Drawing	E-U2150	3	Electrical Underground Plan	--	Issued	Y	Elec-1	R1 Approved 10/3; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing			**Grounding & Lightning Protection (2D)**	--	--	--	--	--	
	EL	Drawing	E-G3000	2	Grounding Notes and Details	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 2 Approved 12/13/11	CBO-001/A E1
	EL	Drawing	E-G3001	0	Grounding Notes and Details	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11	CBO-001/A E1
	EL	Drawing	E-G3002	1	Grounding Notes and Details	6/13/11	information	Y	Elec-1, TSE-4	R1 Approved 10/5/11	CBO-001/A E1
	EL	Drawing	E-G3003	1	Grounding Details	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11	CBO-001/A E1
	EL	Drawing	E-G3100	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3101	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3102	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3103	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3104	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3105	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3106	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11	CBO-001/A E1

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	EL	Drawing	E-G3107	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3108	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3109	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-G3110~~	deleted	~~Grounding Plan~~	~~6/13/11~~	~~information~~	~~Y~~	~~Elec-1, TSE-4~~	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3111	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3112	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3113	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3114	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3115	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3116	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3117	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3118	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3119	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3120	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3121	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3122	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3123	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3124	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3125	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3126	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3127	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3128	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3129	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3130	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3131	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3132	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
11/11	EL	Drawing	E-G3133	0	Grounding Plan		information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11	
11/11	~~EL~~	~~Drawing~~	~~E-G3133~~	deleted	~~Lightning Protection Plan~~	~~7/5/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-G3134~~	deleted	~~Lightning Protection Plan~~	~~7/5/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
	EL	Drawing			**CableTray (model and dwgs)**	--	--	--	--	--	
	EL	Drawing	E-T4000	0	Cable Tray Notes and Details	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4001	0	Cable Tray Details Unit CTG/PCM Sections	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-T4002~~	deleted	~~Cable Tray Notes and Details~~	~~5/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
	EL	Drawing	E-T4005	0	Cable Tray Layout PDC Tray at El. 128 & 129		Issued	Y	Elec-1	rev 0 Reference Only 12/28/11	
	EL	Drawing	E-T4006	0	Cable Tray Layout PDC Tray at El. 128 & 129		Issued	Y	Elec-1	rev 0 Reference Only 12/28/11	
	EL	Drawing	E-T4100	A	Cable Tray Plan - PDC	5/10/11	Issued	Y	Elec-1		CBO-001/A E1
	EL	Drawing	E-T4101	1	Cable Tray Plan - CTG 6	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4102	1	Cable Tray Plan - CTG 7	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4103	1	Cable Tray Plan - CTG 8	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1

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CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-T4104	1	Cable Tray Plan - CTG 9	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4105	1	Cable Tray Plan - PCM6	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4106	1	Cable Tray Plan - PCM7	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4107	1	Cable Tray Plan - PCM8	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4108	1	Cable Tray Plan - PCM9	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing			**Lighting & Recepticles (2D)**	--	--	--	--	--	
	EL	Drawing	E-L5000	1	Lighting Notes and Details	5/17/11	Issued	Y	VIS-4a	rev 0 pending 11/3/11; rev 1 Comments 12/16/11	
	EL	Drawing	E-L5001	1	Lighting Notes and Details	5/17/11	Issued	Y	VIS-4a		
	EL	Drawing	E-L5002	0	Stack Warning Lights	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
11/11	EL	Drawing	E-L5003	0	Lighting Notes and Details	--	Issued	Y	VIS-4a	rev 0 pending 12/2/11	
	EL	Drawing	E-L5004	0	Lighting Level Topography	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
11/11	~~EL~~	~~Drawing~~	~~E-L5100~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5101~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5102~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5103~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5104~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5105~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5106~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
	EL	Drawing	E-L5107	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5108	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5109	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11	
11/11	~~EL~~	~~Drawing~~	~~E-L5110~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
	EL	Drawing	E-L5111	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11	
	EL	Drawing	E-L5112	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5113	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5114	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5115	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11	
	EL	Drawing	E-L5116	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5117	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5118	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5119	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5120	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5121	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11	
	EL	Drawing	E-L5122	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11	
	EL	Drawing	E-L5123	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5124	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5125	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5126	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5127	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5128	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5129	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5130	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5131	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11	
	EL	Drawing	E-L5132		Lighting Plan	5/17/11	Approval	Y	VIS-4a		
	EL	Drawing			**Power and Control (2D)**					--	
	EL	Drawing	E-P6000	A	Layout Details	7/27/11	Issued				
	EL	Drawing	E-P6001	A	Layout Drawing Details	7/27/11	Issued				
	EL	Drawing	E-P6002		Power and Control Notes and Details	7/27/11	information				
11/11	EL	Drawing	E-P6003			-					
12/11	EL	Drawing	E-P6020	1	Preliminary PDC Layout	3/28/11	Issued	Y	~~TSE-1,~~ Elec-1	rev 1 pending 12/28/11	
12/11	EL	Drawing	E-P6025	0	Generator Circuit Breaker Location Detail	-	Issued	Y	Elec-1	rev 0 pending 12/28/11	
11/11	EL	Drawing	E-P6030			-					
	EL	Drawing	E-P6031	A	Non-Seg Bus Layout at GSU	-	Issued				
	EL	Drawing	E-P6032	A	Non-Seg Bus Layout at MV Breaker	-	Issued				
10/11	EL	Drawing	E-P6033	0	PDC Building Non-seg Bus Layout	3/28/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
10/11	EL	Drawing	E-P6034	0	PDC Building Non-seg Bus Sections	3/28/11	Issued	Y	Elect-1	rev 1 Approved 1/6/12	
11/11	EL	Drawing	E-P6039	0	Chiller Unit Details	-	Issued	Y	Elect-1	rev 0 pending 12/28/11	
	EL	Drawing	E-P6100		Power and Control Plan	7/27/11	information				
11/11	~~EL~~	~~Drawing~~	~~E-P6101~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			n/a	
11/11	~~EL~~	~~Drawing~~	~~E-P6102~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			n/a	
11/11	~~EL~~	~~Drawing~~	~~E-P6103~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			n/a	

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11/11	~~EL~~	~~Drawing~~	~~E-P6104~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			n/a	
11/11	~~EL~~	~~Drawing~~	~~E-P6105~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			n/a	
	EL	Drawing	E-P6106	0	Electrical Above Ground Plan	7/27/11	information			rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6107	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6108	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6109	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
11/11	~~EL~~	~~Drawing~~	~~E-P6110~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~	~~Y~~	~~Elect-1~~	n/a	
9/11	EL	Drawing	E-P6111	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6112	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6113	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6114	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6115	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6116	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6117	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6118	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6119	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6120	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6121	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6122	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6123	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6124	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6125	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6126	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6127	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6128	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6129	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6130	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6131	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6132	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
111/11	~~EL~~	~~Drawing~~	~~E-P6133~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6134~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6135~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6136~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6137~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6138~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6139~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6140~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6141~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6142~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6143~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6144~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6145~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6146~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6147~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6148~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6149~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
					Lists and Schedules					--	
8/11	EL	Drawing	E-S1501	1	Panel Schedules UPS-UPS-0-01	-	Issued	N	-	N/A	
8/11	EL	Drawing	E-S1502	2	Panel Schedules DCP-DC-0-01	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1503	A	Unit 600 PCM Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1504	A	Unit 600 MCC Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1505	A	Unit 700 PCM Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1506	A	Unit 700 MCC Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1507	A	Unit 800 PCM Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1508	A	Unit 800 MCC Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1509	A	Unit 900 PCM Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1510	A	Unit 900 MCC Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1511	A	Panel Schedule Warehouse and control building	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1512	A	CEMS 6 Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1513	A	CEMS 7 Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1514	A	CEMS 8 Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1515	A	CEMS 9 Panel Schedule	-	Issued	N	-	N/A	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 01/06/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
111/11	EL	Drawing	E-S1516	A	Panel Schedule - chillers	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1517	A	Panel Schedule - chillers	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1518	A	Panel Schedule GCB	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1519	A	Panel Schedule GCB	-	Issued	N	-	N/A	
9/11	EL	List	E-S-9001		Equipment Schedule	-	information	N	-	N/A	
9/11	EL	List	E-S-9002	0	Cable Schedule	-	Issued	N	-	N/A	
9/11	EL	List	E-S-9003		Conduit Schedule	-	information	N	-	N/A	
9/11	EL	List	E-S-9004		Tray Schedule	-	information	N	-	N/A	
	EL				**Plant Systems Design**		--	--	--	--	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-P6000~~	deleted	~~Security System~~		~~Approval~~			N/A	
11/11	~~EL~~	~~Drawing~~	~~E-P6001~~	deleted	~~Fire Protection~~		~~Approval~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
9/11	EL	Drawing	E-W1663	A	Plant Communications Systems Schematic		Issued	N	--	--	
10/11	EL	Drawing	E-W1667	A	Interconnection Phasing Diagram		Issued	N	--	N/A	
10/11	EL	Drawing	E-W1668	1	Relay Trip Matrix		Issued	N	--	Rev 0 For Reference Only 11/10/11; Rev 1 for Reference	
10/11	EL	Drawing	B-SS004	A	Switchyard Communication		Issued	N	--	N/A	
	EL	Study/Calc			**Studies**		--	--	--	--	CBO-001/A E1
	EL	Study/Calc	EE-03	A	Short Circuit Study	6/14/11	Issued	Y	Elec-1	rev A approved 8/16	CBO-001/A E1
	EL	Study/Calc	EE-02	A	Load Flow Study & Voltage Drop	5/3/11	Approval	Y	Elec-1	rev A approved 8/16	CBO-001/A E1
	EL	Study/Calc	EE-06	0	Arc Flash Study	5/24/11	Issued	Y	Elec-1	rev 0 approved 12/28/11	CBO-001/A E1
	EL	Study/Calc	EE-004	0	Grounding System Study	5/3/11	Issued	Y	Elec-1; TSE-4	rev 0 approved Elec-1 10/6/11; rev 0 pending 10/25/11 TSE-4	CBO-001/A E1
	EL	Study/Calc	EE-005	0	Relay Coordination and Setting Design		Issued	Y	Elec-1	rev 0 approved 12/28/11	CBO-001/A E1
	EL	Study/Calc	#		Ductbank Ampacity	4/13/11	Approval	Y	Elec-1		CBO-001/A E1
11/11	~~EL~~	~~Study/Calc~~	~~#~~	deleted	~~Distirbution System Optimization Study (client deliverable);~~ see EE-02	~~4/28/11~~	~~Approval~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
	EL	Study/Calc	#		PSS Settings (subcontracted - GE??)			Y	Elec-1		CBO-001/A E1
	EL	Study/Calc			**Calculations**		--	--	--	--	--
11/11	~~EL~~	~~Study/Calc~~	~~#~~	deleted	~~Lighting Calcs~~ - See E-L5004		~~information~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
11/11	~~EL~~	~~Study/Calc~~	~~#~~	Vendor	~~Battery Sizing~~		~~information~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
	EL	Study/Calc	EC-01	0	Temporary Construction Power Calculation		information	Y	ELEC-1-2.0	approved 7/1/11	CBO request
	T&D				**TRANSMISSION & DISTRIBUTION**						
	T&D	Specification			**Specifications**		--	--	--		--
	T&D	Specification			**Construction & Installation Specifications**		--	--	--		--
9/11	T&D/ Struct	Specification	316329	1	Drilled Concrete Piers		Issued	Y	TSE-1, TSE-4; Struc-1	rev 0 TSE-4 and Struc-1 comments 10/39/11; rev 1 Approved 10/27/1 & 11/2/11	
10/11	~~T&D~~	~~Specification~~	~~337250~~		~~Electrical Construction - Swyd/Substn -~~ By Vendor Distran		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Specification~~	~~269900~~		~~Electrical Construction - Testing~~		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Specification~~			~~Communications Equipment (incl Fiber Optic Term)~~		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
8/11	~~T&D~~	~~Specification~~	~~337116.23~~		~~T-line Structures~~ (replaced by design criteria & PG&E docs)		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
8/11	~~T&D~~	~~Specification~~	~~337150~~		~~T-Line Construction~~ (replaced by Exhibit a Scope of Work)		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
9/11	T&D	Specification	n/a	n/a	Compliance Letter , T-Line design		Information	~~Y~~ N	TLSN-1	CEC compliance letter issued 4/11 & approved by CEC at meeting	
9/11	T&D	Specification	n/a	n/a	Compliance Letter , T-Line grounding		Information	~~Y~~ N	TLSN-4	CEC compliance letter	
	T&D	Specification			**Equipment Procurement Specifications**		--	--	--		--
5/11	T&D	Specification	260001	2	230KV Circuit Breaker		Approval	Y	TSE-1, TSE-4	R2 Reference Only 8/11/11	
5/11	T&D	Specification	260002	0	230KV Substation Disconnect Switch		Approval	Y	TSE-1, TSE-4	R0 Reference Only 8/11/11	
8/11	~~T&D~~	~~Specification~~			~~Gang Operated Air Switches~~		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~		
5/11	T&D	Specification	260003	1	230 KV Combined Metering Transformers (Relaying)		Approval	Y	TSE-1, TSE-4	R1 Reference Only 8/11/11	
	T&D	Specification	260004	0	230KV Surge Substation Lightening Arresters		Approval	Y	TSE-1, TSE-4	R0 Reference Only 8/11/11	
8/11	~~T&D~~	~~Specification~~			~~Current Transformers (Metering Accuracy in Breaker)~~		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~		
	T&D	Specification	260006	1	230 KV Capacitor Voltage Transformers		Approval	Y	TSE-1, TSE-4	R1 Reference Only 8/11/11	
10/11	~~T&D~~	~~Specification~~			~~Relay Panels & Racks~~ - See Electrical Above		Approval	Y	TSE-1, TSE-4	n/a	
10/11	~~T&D~~	~~Specification~~			~~Telephone / Communications Equipment~~ - See Electrical Above		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Specification~~			~~Minor Materials Package (Packager)~~		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Specification~~			~~T-line Structures and Hardware~~		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
	T&D	Specification			**Equipment Procurement Specifications**		--	--	--		--
	T&D	Standard	015014	6	PG&E - Suspension Type Insulators		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	051742	2	PG&E - Civil Design Standard Tubular Steel Poles		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	068177	8	PG&E - Overhead Transmission Line Design Criteria		Information	Y	TSE-1, TSE-4	Reference Only 7/19	

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	T&D	Standard	072115	3	PG&E - Design Criteria Tubular Steel Pole Requirements High Wind		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	073290	2	PG&E - Design Criteria Tubular Steel Pole Requirements		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	470591	2	PG&E - Electrical Clearances for 60kV, 70kV, 115kV and 230kV		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	Eng Std 68	A	PG&E - Engineering Standard No 68		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Drawing			**Drawings & Model work**		--	--	--		--
	T&D	Drawing			**One-Line & Three-Line Diagrams**		--	--	--		--
	T&D	Drawing	B-SL001	7	HV Relaying & Metering One-Line Diagram		Issued	Y	TSE-1, TSE-4	R5 approved 9/26/11; R7 approved 11/22/11	
	T&D	Drawing	B-TL001	A	Three Line Diagrams		Issued	Y	TSE-1, TSE-4		
	T&D	Drawing	B-TL002	A	Three Line Diagrams		Issued	Y	TSE-1, TSE-4		
	T&D	Drawing	B-OL002	A	Transmission One-Line		Issued	Y	TSE-1, TSE-4, TSE-5		
	T&D	Drawing			**Schematic & Wiring Diagrams**		--	--	--		--
10/11	Vendor	~~Drawing~~			~~Protective Relay DC Schematic Diagram~~		~~Information~~			n/a	
	T&D	Drawing			Switchyard Breaker Control		Information				
10/11	Vendor	~~Drawing~~			~~Relay Panel Layouts (Elevation)- Line~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Layouts (Elevation)- Bus~~		~~Information~~			n/a	
	T&D	Drawing			~~**Relay Panel Wiring Diagrams**~~		--	--	--		--
10/11	Vendor	~~Drawing~~			~~Relay Panel Wiring Diagrams- Line~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Wiring Diagrams- Bus~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Wiring Diagrams- Transmission~~		~~Information~~			n/a	
	T&D	Drawing			~~**Interconnect/Termination**~~		--	--	--		--
10/11	Vendor	~~Drawing~~			~~Interconnection Diagrams (Yard Equipment)~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Interconnections~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Termination Sheets (2 shts)~~		~~Information~~			n/a	
	T&D	Drawing			**Plans & Sections**		--	--	--		--
	T&D	Drawing	B-PP001	A	Switchyard Plan		Approval	Y	TSE-1, TSE-4	Replaced by Distran dwgs	
	T&D	Drawing	B-SS001	A	Elev Looking East sht 1		Information	Y	TSE-1, TSE-4	Replaced by Distran dwgs	
	T&D	Drawing	B-SS002	A	Elev Looking East sht 2		Information	Y	TSE-1, TSE-4	Replaced by Distran dwgs	
	T&D	Drawing	B-SS003	A	Elev Looking North		Information	Y	TSE-1, TSE-4	Replaced by Distran dwgs	
10/11	~~T&D~~	~~Drawing~~			~~Underground Raceway~~ - See Electrical Above		~~Information~~			n/a	
10/11	~~T&D~~	~~Drawing~~			~~Grounding Plan~~ - See Electrical Above		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
	T&D	Drawing			**Transmission- Plan and Profile**		--	--	--		--
9/11	T&D	Drawing	T-001	0	Drawing Index and Structure Data		Issued	Y	TSE-1, TSE-4, TSE-5	R0 Pending 9/8	
	T&D	Drawing	T-PS012	1	Transmisison Route Plan and Profile sht 1		Issued	Y	TSE-1, TSE-4, TSE-5	R0 Approved 7/18; R1 pending 10/14/11	
	T&D	Drawing	T-PS013	1	Transmisison Route Plan and Profile sht 2		Issued	Y	TSE-1, TSE-4, TSE-5	R0 Approved 7/18; R1 pending 10/14/11	
	T&D	Drawing	T-PS014	1	Transmisison Route Plan and Profile sht 3		Issued	Y	TSE-1, TSE-4, TSE-5	R0 Approved 7/18; R1 pending 10/14/11	
7/11	~~T&D~~	~~Drawing~~	~~T-SD001-VOID~~	~~B~~	~~VOID - Dead End Structure Detail DE-1; replaced by T-SD-01~~		~~Issued~~	~~Y~~	~~TSE-1, TSE-4~~	VOID	
7/11	~~T&D~~	~~Drawing~~	~~T-SD002 - VOID~~	~~B~~	~~VOID - Tangent Structure Detail TA-1; Replaced by T-SD012~~		~~Issued~~	~~Y~~	~~TSE-1, TSE-4~~	VOID	
7/11	~~T&D~~	~~Drawing~~	~~T-SD004 - VOID~~	~~A~~	~~VOID - Double Dead End Structure DDE-1; Replaced by T-SD014~~		~~Issued~~	~~Y~~	~~TSE-1, TSE-4~~	VOID	
7/11	T&D	Drawing	T-L0007	1	Jumper Configuration Details		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14; R1 pending 9/8/11	
7/11	T&D	Drawing	T-SD005	1	Connection Assembly Details		Issued	Y	TSE-1, TSE-4	R1 Approved 7/14	
7/11	T&D	Drawing	T-SD008	0	Vibration Damper Assembly and Details		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14	
9/11	T&D	Drawing	T-SD009	0	Fiber Optic Connection Assembly Details		Issued	Y	TSE-1, TSE-4	R0 Pending 9/8	
7/11	T&D	Drawing	T-SD011	1	VOID - Dead End Structure Detail DE-1; replaced by T-SD-01		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14; R1 pending 9/8/11	
9/11	T&D	Drawing	T-SD011A	0	Dead End Structure Detail DE-1A		Issued	Y	TSE-1, TSE-4	R0 Pending 9/8	
7/11	T&D	Drawing	T-SD012	1	VOID - Tangent Structure Detail TA-1; Replaced by T-SD012		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14; R1 pending 9/8/11	
7/11	T&D	Drawing	T-SD014	1	VOID - Double Dead End Structure DDE-1; Replaced by T-SD014		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14; R1 pending 9/8/11	
	T&D	Drawing			SCADA / RTU Interface						
~~11/11~~	~~T&D~~	~~Drawing~~		deleted	~~Demolition~~					n/a	
10/11	Vendor	~~Drawing~~			~~Raceway Details~~					n/a	
10/11	Vendor	~~Drawing~~			~~T&D Miscellaneous Details~~					n/a	
10/11	Vendor	~~Drawing~~			~~Standard/Typical Details~~					n/a	
10/11	Vendor	~~Drawing~~			~~T&D Grounding Details~~ - **See Electrical Above**			~~Y~~	~~TSE-1, TSE-4~~	n/a	

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	T&D	Drawing			**Switchyard and T-Line Structural**		--	--	--		--
	T&D	Drawing			**Foundations**		--	--	--		--
7/11	T&D	Drawing	T-FD001	2	**Transmission Structure Drilled Pier Foundation Section & Detail**		Issued	Y	Struc-1, TSE-1, TSE-4	R2 Approved 7/27/11	
10/11	T&D	Drawing	B-FD001	0	**Switchyard Foundation Location Plan**		Issued	Y	TSE-1, TSE-4	Rev 0 comments 11/7/11; Rev 0 Approved 11/11/11 & 11/29/11	
10/11	T&D	Drawing	B-FD002	1	**Switchyard Drilled Pier Foundation Sections & Details**		Issued	Y	TSE-1, TSE-4	Rev 0 comments 11/7/11; Rev 1 Approved 11/11/11 & 11/29/11	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~Tangent Tower~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~CCVT~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~Arrester~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~Breaker~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~High Switch~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~High Bus~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~High Bus Single~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~Bus Duct~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
	T&D	Drawing			**Structures**		--	--	--		--
	T&D	Drawing	Vendor		~~CCVT Support~~ Switchyard support structures dwgs and calcs by Distran		Information	Y	Struc-1, TSE-4	TSE-4 package pending 11/2/11	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~Low Bus Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~Low Switch Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~Arrester Supports~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~High Switch Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~High Bus Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~High Bus Single Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~Bus Duct Supports~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
	T&D	Study/Calc			**Studies , Calculations and Analysis**		--	--	--		--
	T&D	Study/Calc	TD-DC1	1	Transmission Line Material Design Criteria		Issued	Y	TSE-5	Approved	
			memo 4/8/11	-	Transmission Line Design Memo to Fabricator		Issued	Y	TSE-4	Approved 7/19	
	T&D	Study/Calc			Load / Ampacity Calculation		Information	Y	Elec-1, TSE-4		
	T&D	Study/Calc			Protective Device Setting: Differential		Information	Y	Elec-1, TSE-4		
	Vendor	Study/Calc	Vendor		T-line Structure Loading Trees		Information	Y	Elec-1, TSE-4	submitted	
5/11	T&D	Study/Calc	STR #1 - #8. LCA	-	Sag-10		Information	Y	Elec-1, TSE-4	Approved 7/19	
6/11	T&D	Calc	TC-01	2	Transmisison Line Foundation Calculation		Issued	Y	Struc-1, TSE-4	R2 Approved 7/27/11	
11/11	T&D	Calc	TC-02	0	Switchyard Foundation Calculation		Issued	Y	Struc-1, TSE-4	Rev 0 comments 11/7/11; Rev 0 Approved 11/11/11 & 11/29/11	
	T&D	List			**Lists / Schedules**		--	--	--		--
10/11	~~T&D~~	~~List~~			~~Cable Schedule - See Electrical Above~~			~~Y~~	~~Elec-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~List~~			~~Raceway Schedule - See Electrical Above~~			~~Y~~	~~Elec-1, TSE-4~~	n/a	
	T&D				**Subcontractor's & Vendors**						

STRUC-1

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01400

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Nov-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M Hill W.E Lyons Building Drawings

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B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments & Documents are due in 15 business days of transmittal date.
STRUC-1-20.1 - MEP 415059 W.E Lyons Building Drawings - PC2

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Item No.	Copies	Date	Number	Rev No.	Description	Status
		11/8/2011			STRUC-1-20.1 PC1 CBO Comment Response Letter	New Item

Document No.:	Rev No.:	Description:	Designer:	Code:
E-000	3	Title: General (E-000), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-001	3	Title: T24 Compliance Forms & Lighting Fixture Schedule (E-001), Revision: T24 Compliance Forms & Fighting Fix (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01400

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Nov-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-002	3	Title: Admin/Control Bldg Ext. T24 Compliance Forms (E-002), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-003	3	Title: Warehouse Interior T24 Compliance Forms (E-003), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-004	3	Title: Warehouse Bldg Ext. T24 Compliance Forms (E-004), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-101	3	Title: One-Line Diagram & Calculations (E-101), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-102	3	Title: Panel Schedules (E-102), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-A301	3	Title: Power Plan Admin/Control Bldg (E-A301), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-A401	3	Title: Lighting Plan Admin/Control Bldg (E-A401), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-W301	3	Title: Power Plan Warehouse Bldg (E-W301), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
E-W401	3	Title: Lighting Plan Warehouse Bldg (E-W401), Revision: Lighting Plan Warehouse Bldg (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Jeff Nobe	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01545

9189 South Jamaica Street
Englewood, CO 80112

Date: 20-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
WE Lyons Structural Notes & Details

Document Codes:			
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B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Mary-Lou Lane
(E) Mary-Lou.Lane@CH2M.com
(O) 720-286-1575

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on the document/s listed on this transmittal is/are due in 15 business days of this transmittal date.
STRUC-1-27.0X1 - MEP 415059 W.E. Lyons Struc & Arch Design Drawings - PC1

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LG Constructors

Transmittal

LG Constructors, Inc.

9189 South Jamaica Street
Englewood, CO 80112

Transmittal No.: 01545

Date: 20-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
S-1	3	Title: Structural Notes & Details (S-1), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Jeff Nobe	LG Constructors, Inc.	E	MEP Pwr Gp Mailbox	LG Constructors, Inc.	E
Les Mathine	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01544

9189 South Jamaica Street
Englewood, CO 80112

Date: 20-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
WE Lyons Concrete Mix Design

Document Codes:			
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B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Mary-Lou Lane
(E) Mary-Lou.Lane@CH2M.com
(O) 720-286-1575

Transmitted For: Jeff Nobe

Comments:

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STRUC-1-32.0 - MEP 415059 W.E. Lyons Bldg Foundation Concrete Mix- PC2

From Jeff Nobe: Please expedite the review of these documents.

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01544

9189 South Jamaica Street
Englewood, CO 80112

Date: 20-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
1561C5C1	-1	Title: Concrete Mix Design with attachments (1561C5C1), Revision: For Approval (-1, Dec 14, 2011)	W.E. Lyons Construction, Co.	

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
Jeff Nobe	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01568

9189 South Jamaica Street
Englewood, CO 80112

Date: 27-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
WE Lyons Structural Notes & Details Drawing

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B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Mary-Lou Lane
(E) Mary-Lou.Lane@CH2M.com
(O) 720-286-1575

Transmitted For: Jeff Nobe

Comments:

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STRUC-1-32.0X1 - MEP 415059 W.E. Lyons Bldg Foundation Concrete Mix- PC1

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01568

9189 South Jamaica Street
Englewood, CO 80112

Date: 27-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
S-1	4	Title: Structural Notes & Details (S-1), Revision: Concrete Slab Note Mod (4, Dec 20, 2011)	W.E. Lyons Construction, Co.	

Copy To:		Qty:	Copy To:		Qty:
Shamica Zenn	Bureau Veritas North America, Inc.	1	James Spicer	Mariposa Energy, LLC	E
Les Mathine	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01523

9189 S. Jamaica Street
Englewood, CO 80112

Date: 16-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL BOP Steel Drawings and Calc

Document Codes:			
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ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments & documents are due in 15 business days of transmittal date.
STRUC-1-34.0 - MEP 415059 BOP Steel Drawings and Calc - PC1
Jeff Nobe is requesting expedited review of these documents

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Phone: _____

Email: _____

Document No.:	Rev No.:	Description:	Designer:	Code:
415059-SS-02	0	Title: Miscellaneous Pipe Support STAMPED (415059-SS-02), Revision: Issue for Construction (0, Dec 7, 2011)	LG Constructors, Inc.	C - Construction
415059-SS-03	0	Title: Miscellaneous Bus Duct Support STAMPED (415059-SS-03), Revision: Issue for Construction (0, Dec 12, 2011)	LG Constructors, Inc.	C - Construction
S-S1008	0	Title: Misc Tee Supports Elevations, Sections, and Details Sheet 1 of 4 STAMPED (S-S1008), Revision: Issued for Construction (0, Dec 15, 2011)	LG Constructors, Inc.	C - Construction

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01523

Date: 16-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
S-S1009	0	Title: Misc Tee Supports Elevations, Sections, and Details Sheet 2 of 4 STAMPED (S-S1009), Revision: Issued for Construction (0, Dec 15, 2011)	LG Constructors, Inc.	C - Construction
S-S1010	0	Title: Misc Tee Supports Elevations, Sections, and Details Sheet 3 of 4 STAMPED (S-S1010), Revision: Issued for Construction (0, Dec 15, 2011)	LG Constructors, Inc.	C - Construction
S-S1011	0	Title: Misc Tee Supports Elevations, Sections, and Details Sheet 4 of 4 STAMPED (S-S1011), Revision: Issued for Construction (0, Dec 15, 2011)	LG Constructors, Inc.	C - Construction
S-S1012	0	Title: GSU Transformer to CTG Bus Supports Elevations, Sections, & Details STAMPED (S-S1012), Revision: Issued for Construction (0, Dec 15, 2011)	LG Constructors, Inc.	C - Construction
S-S1013	0	Title: SST Transformer Bus Supports Elevations, Sections, & Details STAMPED (S-S1013), Revision: Issued for Construction (0, Dec 15, 2011)	LG Constructors, Inc.	C - Construction
S-S1014	0	Title: Auxiliary Transformer Bus Support Elevation and Sections STAMPED (S-S1014), Revision: Issued for Construction (0, Dec 15, 2011)	LG Constructors, Inc.	C - Construction

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Jeff Nobe	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01561

Date: 27-Dec-11

Job No: 415059

Job Name: Mariposa Energy Project

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

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL Steel Drawings

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APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on Documents are due in 15 business days of transmittal date.
STRUC-1-34.0X1 - MEP 415059 BOP Steel Drawings and Calc - PC1

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Received Date: _____

Phone: _____

Email: _____

Document No.:	Rev No.:	Description:	Designer:	Code:
S-S1012	1	Title: GSU Transformer to CTG Bus Supports Elevations, Sections, & Details STAMPED (S-S1012), Revision: Increased Heater Clearance & Reissu (1, Dec 21, 2011)	LG Constructors, Inc.	C - Construction
S-S1013	1	Title: SST Transformer Bus Supports Elevations, Sections, & Details STAMPED (S-S1013), Revision: Corrected Sheet Callouts & Reissued (1, Dec 21, 2011)	LG Constructors, Inc.	C - Construction

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01561

Date: 27-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
S-S1014	1	Title: Auxiliary Transformer Bus Support Elevation and Sections STAMPED (S-S1014), Revision: Added Location Table, Corrected Sht (1, Dec 21, 2011)	LG Constructors, Inc.	C - Construction

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
Les Mathine	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01587

9189 S. Jamaica Street
Englewood, CO 80112

Date: 29-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL Protective Coating Spec

Document Codes:			
	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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STRUC-1-6.0 - MEP 415059 Protective Coatings Spec - PC2

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LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01587

Date: 29-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
099001	1	Title: Protective Coatings STAMPED (099001), Revision: Modified Painting Schedule (1, Dec 20, 2011)	LG Constructors, Inc.	A-Approval

Copy To:		Qty:	Copy To:		Qty:
Shamica Zenn	Bureau Veritas North America, Inc.	1	James Spicer	Mariposa Energy, LLC	E
Les Mathine	LG Constructors, Inc.	E	MEP Pwr Gp Mailbox	LG Constructors, Inc.	E
Jeff Nobe	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01543

9189 S. Jamaica Street
Englewood, CO 80112

Date: 20-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M Hill Pipe Support Drawings and Calc

Document Codes:

	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments and documents are due in 15 business days of transmittal date.
STRUC-1-30.0 - MEP 415059 Pipe Support Drawings and Calc - PC2

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Phone: _____

Email: _____

Item No.	Copies	Date	Number	Rev No.	Description	Status
		12/22/2011			Title: Miscellaneous Pipe Support Foundation STAMPED (415059-SC-25) Revision 1: Design the foundations for the pipe supports near CTG (1 Dec 22, 2011)	New Item
	1	12/20/2011			Title: Foundation Plan Pipe Support Locations Unit 600 and Unit 700 Elev 125'-6" to Elev 126'-2" STAMPED (P-MD001), Revision: Issued for Construction (0, Nov 15, 2011)	Reference
	1	12/20/2011			STRUC-1-30.0 - PC1 CBO Comment Response Letter 20 Dec 2011	New Item

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01543

9189 S. Jamaica Street
Englewood, CO 80112

Date: 20-Dec-11

Item No.	Copies	Date	Number	Rev No.	Description	Status
	1	12/20/2011			Title: Foundation Plan Pipe Support Locations Unit 900 and Chiller Area Elev 125'-6" to Elev 126'-2" STAMPED (P-MD003), Revision: Issued for Construction (0, Nov 15, 2011)	Reference
	1	12/20/2011			Title: Foundation Plan Pipe Support Locations Control Room and Unit 800 Elev 125'-6" to Elev 126'-2" STAMPED (P-MD002), Revision: Issued for Construction, (0, Nov 15, 2011)	Reference
		12/23/2011			Title: Misc.Pipe and Bus Duct Support Foundations Plan and Sections STAMPED (S-C1031) Revision:2 Revised Type 2 Locations, Added Type (2, Dec 23, 2011)	New Item
	1	12/20/2011			Title: Foundation Plan Pipe Support Locations Fuel Gas Compressors Elev 125'-6" to Elev 126'-2" STAMPED (P-MD005), Revision: Issued for Construction (0, Nov 15, 2011)	Reference
		12/21/2011			Title: Misc. Pipe Support Foundations Plan and Sections STAMPED (S-C1032) Revision: 3 Added Thickness Column, Revised Dim (3, Dec 21, 2011)	New Item
	1	12/20/2011			Title: Foundation Plan Pipe Support Locations Water Storage Area Elev 125'-6" to Elev 126'-2" STAMPED (P-MD004), Revision: Issued for Construction (0, Nov 15, 2011)	Reference

Document No.:	Rev No.:	Description:	Designer:	Code:
415059-SC-26	1	Title: Miscellaneous Pipe Support Foundation STAMPED (415059-SC-26), Revision: Expanded fdn sizes, added bus duct (1, Dec 19, 2011)	LG Constructors, Inc.	C - Construction

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Jeff Nobe	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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MECH-1

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01422

9189 S. Jamaica Street
Englewood, CO 80112

Date: 02-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL Pipe Line Report

Document Codes:			
	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on Documents are due in 15 business days of transmittal date.
MECH-1-10.0X1 - MEP 415059 Pipe Line Report - PC2

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Phone: _____

Email: _____

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01422

Date: 02-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
P-XXX-L-0-0001	2	Title: Pipe Line Report STAMPED (P-XXX-L-0-0001), Revision: Revised & Issued for Construction (2, Dec 1, 2011)	LG Constructors, Inc.	A-Approval

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Jeff Nobe	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01539

9189 S. Jamaica Street
Englewood, CO 80112

Date: 20-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL UG Cathodic Protection Plan
& Detail Drawing

Document Codes:			
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APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on Documents are due in 15 business days of transmittal date.
MECH-1-12.0X1 - MEP 415059 UG Cathodic Protection Plan & Details - PC1

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01539

9189 S. Jamaica Street
Englewood, CO 80112

Date: 20-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
P-PU701	1	Title: Underground Plan Cathodic Protection Plan STAMPED (P-PU701), Revision: Revised & Approved for Construction (1, Dec 2, 2011)	LG Constructors, Inc.	C - Construction

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
Jeff Nobe	LG Constructors, Inc.	E			

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Pacific Gas and Electric Company

TRANSMITTAL

TO	Bureau Veritas	DATE	12/6/11
		PROJECT	Mariposa Energy Center
		JOB #	
ATTN		VIA	FTP / Web Post

TRANSMITTAL SUBJECT	TRANSMITTAL DESCRIPTION
CBO Package: MECH-1-16.1 - PG&E Gas Meter	Gas Meter Station - Mechanical Drawings

COPIES	DOCUMENT #	REVISION #	DOCUMENT DESCRIPTION
1	3804662s1r0	0	Piping & Instrumentation Diagram - Symbols & Nomenclature
1	3804662s2r0	0	Piping & Instrumentation Diagram - Main Gas
1	4801215s1r0	0	Piping Plan - Main Gas
1	4801216s1r0	0	Piping Section & Details - Main Gas
1	0802345r0	0	General Data Sheet - Piping Plan, Sectionsm and Details
1	0802349r0	0	General Equipment List - Equipment Summary Sheet

FROM Brittany Pon

PG&E, Gas Transmission

925-974-4373

bsp5@pge.com

Pacific Gas and Electric Company

TRANSMITTAL

TO	Bureau Veritas	DATE	12/13/11
		PROJECT	Mariposa Energy Center
		JOB #	
ATTN		VIA	FTP / Web Post

TRANSMITTAL SUBJECT	TRANSMITTAL DESCRIPTION
CBO Package: MECH-1-16.1 - PG&E Gas Meter_PC2	Gas Meter Station - Mechanical Drawings

COPIES	DOCUMENT #	REVISION #	DOCUMENT DESCRIPTION
1	3804662s1r1	1	Piping & Instrumentation Diagram - Symbols & Nomenclature
1	3804662s2r1	1	Piping & Instrumentation Diagram - Main Gas
1	4801215s1r1	1	Piping Plan - Main Gas
1	4801216s1r1	1	Piping Section & Details - Main Gas
1	0802345r1	1	General Data Sheet - Piping Plan, Sectionsm and Details
1	0802349r1	1	General Equipment List - Equipment Summary Sheet

FROM Brittany Pon

PG&E, Gas Transmission

925-974-4373

bsp5@pge.com

Pacific Gas and Electric Company

TRANSMITTAL

TO	Bureau Veritas	DATE	12/19/11
		PROJECT	Mariposa Energy Center
		JOB #	
ATTN		VIA	FTP / Web Post

TRANSMITTAL SUBJECT	TRANSMITTAL DESCRIPTION
CBO Package: MECH-1-16.10X1 - PG&E Gas Meter - PC1	Gas Meter Station - Mechanical Drawings

COPIES	DOCUMENT #	REVISION #	DOCUMENT DESCRIPTION
1	3804662s1r1	1	Piping & Instrumentation Diagram - Symbols & Nomenclature
1	3804662s2r1	1	Piping & Instrumentation Diagram - Main Gas
1	4801215s1r1	1	Piping Plan - Main Gas
1	4801216s1r1	1	Piping Section & Details - Main Gas
1	0802345r1	1	General Data Sheet - Piping Plan, Sectionsm and Details
1	0802349r1	1	General Equipment List - Equipment Summary Sheet

FROM Brittany Pon

PG&E, Gas Transmission

925-974-4373

bsp5@pge.com

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01399

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Nov-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

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REF: ISSUED FOR APPROVAL
CH2M HILL W.E. Lyons Plumbing and
HVAC Drawings

Document Codes:

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ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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MECH-1-17.0 - MEP 415059 W.E. Lyons Plumbing & HVAC Drawings - PC2

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Item No.	Copies	Date	Number	Rev No.	Description	Status
		11/30/2011			AR-2 Title: Accessibility Requirements (AR-2) Revision 3. FOR REFERENCE ONLY	Reference
		11/30/2011			CBO Comment Response Letter MECH-1-17.0 - MEP 415059 W.E. Lyons Plumbing & HVAC Drawings	New Item

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01399

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Nov-11

Item No.	Copies	Date	Number	Rev No.	Description	Status
		11/30/2011			AR-1 Title: Accessibility Requirements (AR-1) Revision 3. FOR REFERENCE ONLY	Reference

Document No.:	Rev No.:	Description:	Designer:	Code:
M0.0	3	Title: Mechanical General Notes & Schedules (M0.0), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
M0.1	3	Title: Mechanical Details (M0.1), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
M1.0	3	Title: Mechanical Admin Building (M1.0), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
M2.0	3	Title: Mechanical Warehouse (M2.0), Revision: fFnal Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-1	3	Title: Plumbing Spec, Schedules, Legend & Notes (P-1), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-2	3	Title: Control/Admin Bldg-Waste, Vent & C.D. Piping (P-2), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-3	3	Title: Control/Admin Bldg-Cold & Hot Water Piping (P-3), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-4	3	Title: Warehoude-Waste, Vent & C.D. Piping (P-4), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-5	3	Title: Warehouse-Cold & Hot Water Piping (P-5), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.1	3	Title: Title 24 Administration (T24.1), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.2	3	Title: Title 24 Administration (T24.2), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.3	3	Title: Title 24 Administration (T24.3), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.4	3	Title: Title 24 Administration (T24.4), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.5	3	Title: Title 24 Administration (T24.5), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.6	3	Title: Title 24 Warehouse (T24.6), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
Les Mathine	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01532

9189 South Jamaica Street
Englewood, CO 80112

Date: 19-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL AG Pipe Supports

Document Codes:			
	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Mary-Lou Lane
(E) Mary-Lou.Lane@CH2M.com
(O) 720-286-1575

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on the document/s listed on this transmittal is/are due in 15 business days of this transmittal date.
MECH-1-19.0 AG Pipe Supports - PC1

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Acknowledgement provided by: _____

Received Date: _____

Phone: _____

Email: _____

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01532

9189 South Jamaica Street
Englewood, CO 80112

Date: 19-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
AG PIPING SUPPORT DETAILS SET-01	2	Title: Aboveground Piping Support Details STAMPED (AG PIPING SUPPORT DETAILS SET-01), Revision: Issued for Construction (2, Nov 29, 2011)	LG Constructors, Inc.	

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Les Mathine	LG Constructors, Inc.	E	MEP Pwr Gp Mailbox	LG Constructors, Inc.	E
Jeff Nobe	LG Constructors, Inc.	E			

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-- END --

Pacific Gas and Electric Company

TRANSMITTAL

TO	Bureau Veritas	**DATE**	12/21/11
		PROJECT	Mariposa Energy Center
		JOB #	
ATTN		**VIA**	FTP / Web Post

TRANSMITTAL SUBJECT	TRANSMITTAL DESCRIPTION
CBO Package: MECH-1-16.10X2 - PG&E Gas Meter	Gas Meter Station - Mechanical Drawings Changes only made to 4801216s1r1 (Removed pipe support dimensions, will be included on the civil dwgs)*

COPIES	DOCUMENT #	REVISION #	DOCUMENT DESCRIPTION
1	3804662s1r1	1	Piping & Instrumentation Diagram - Symbols & Nomenclature
1	3804662s2r1	1	Piping & Instrumentation Diagram - Main Gas
1	4801215s1r1	1	Piping Plan - Main Gas
*1	*4801216s1r1	*1	*Piping Section & Details - Main Gas
1	0802345r1	1	General Data Sheet - Piping Plan, Sectionsm and Details
1	0802349r1	1	General Equipment List - Equipment Summary Sheet

FROM	Brittany Pon
	PG&E, Gas Transmission

925-974-4373

bsp5@pge.com

MECH-3

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01401

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Nov-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL W.E. Lyons Plumbing & HVAC
Drawings

Document Codes:

	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on Documents are due in 15 business days of transmittal date.
MECH-3-4.0 - MEP 415059 W.E. Lyons Plumbing & HVAC Drawings - PC2

Recipient must acknowledge receipt of all transmitted documents listed herein or provide comments back to transmitter. Return a copy of this transmittal letter signed acknowledging receipt of all documents or return a copy of the transmittal identifying the missing documents.

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Received Date: _____

Phone: _____

Email: _____

Item No.	Copies	Date	Number	Rev No.	Description	Status
		11/30/2011			AR-1 Title: Accessibility Requirements (AR-1) Revision 3. FOR REFERENCE ONLY	Reference
		11/30/2011			CBO Comment Response Letter MECH-3-4.0 - MEP 415059 W.E. Lyons Plumbing & HVAC Drawings	New Item

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01401

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Nov-11

Item No.	Copies	Date	Number	Rev No.	Description	Status
		11/30/2011			AR-2 Title: Accessibility Requirements (AR-2) Revision 3. FOR REFERENCE ONLY	Reference

Document No.:	Rev No.:	Description:	Designer:	Code:
M0.0	3	Title: Mechanical General Notes & Schedules (M0.0), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
M0.1	3	Title: Mechanical Details (M0.1), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
M1.0	3	Title: Mechanical Admin Building (M1.0), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
M2.0	3	Title: Mechanical Warehouse (M2.0), Revision: fFnal Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-1	3	Title: Plumbing Spec, Schedules, Legend & Notes (P-1), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-2	3	Title: Control/Admin Bldg-Waste, Vent & C.D. Piping (P-2), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-3	3	Title: Control/Admin Bldg-Cold & Hot Water Piping (P-3), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-4	3	Title: Warehoude-Waste, Vent & C.D. Piping (P-4), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
P-5	3	Title: Warehouse-Cold & Hot Water Piping (P-5), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.1	3	Title: Title 24 Administration (T24.1), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.2	3	Title: Title 24 Administration (T24.2), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.3	3	Title: Title 24 Administration (T24.3), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.4	3	Title: Title 24 Administration (T24.4), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.5	3	Title: Title 24 Administration (T24.5), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
T24.6	3	Title: Title 24 Warehouse (T24.6), Revision: Final Design (3, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Jeff Nobe	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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TSE-4

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01452

9189 South Jamaica Street
Englewood, CO 80112

Date: 06-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL Grounding Drawings

Document Codes:

	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Mary-Lou Lane
(E) Mary-Lou.Lane@CH2M.com
(O) 720-286-1575

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on the document/s listed on this transmittal is/are due in 15 business days of this transmittal date.
TSE-4-6.0 - MEP 415059 Grounding Docs - PC2

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Acknowledgement provided by: _____

Received Date: _____

Phone: _____

Email: _____

Item No.	Copies	Date	Number	Rev No.	Description	Status
					Title: Grounding Notes and Details STAMPED (E-G3002), Revision: Revised Issued For Construction (1, Sep 12, 2011)	New Item
					Title: Grounding and Bonding STAMPED (260526), Revision: Issued for Construction (0, Aug 26, 2011)	New Item
					Title: Grounding System Study STAMPED (EE-004), Revision: Issued for Construction (0, Aug 30, 2011)	New Item
					TSE-4-6.0 PC1 CBO Comment Response Letter 6 Dec11	New Item

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01452

9189 South Jamaica Street
Englewood, CO 80112

Date: 06-Dec-11

Item No.	Copies	Date	Number	Rev No.	Description	Status
					Title: Grounding Key Plan STAMPED (E-K0012), Revision: Revised for Construction (1, Nov 30, 2011)	New Item

Document No.:	Rev No.:	Description:	Designer:	Code:
E-G3000	2	Title: Grounding Notes and Details STAMPED (E-G3000), Revision: Revised for Construction (2, Dec 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3001	0	Title: Grounding Details STAMPED (E-G3001), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3003	1	Title: Grounding Details STAMPED (E-G3003), Revision: Issued for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3100	0	Title: Grounding Plan STAMPED (E-G3100), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3101	0	Title: Grounding Plan STAMPED (E-G3101), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3102	0	Title: Grounding Plan STAMPED (E-G3102), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3103	0	Title: Grounding Plan STAMPED (E-G3103), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3104	0	Title: Grounding Plan STAMPED (E-G3104), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3105	0	Title: Grounding Plan STAMPED (E-G3105), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3106	1	Title: Grounding Plan STAMPED (E-G3106), Revision: Issued for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3107	1	Title: Grounding Plan STAMPED (E-G3107), Revision: Revised for Construction (1, Dec 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3108	1	Title: Grounding Plan STAMPED (E-G3108), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3109	1	Title: Grounding Plan STAMPED (E-G3109), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3111	1	Title: Grounding Plan STAMPED (E-G3111), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3112	1	Title: Grounding Plan STAMPED (E-G3112), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3113	1	Title: Grounding Plan STAMPED (E-G3113), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3114	1	Title: Grounding Plan STAMPED (E-G3114), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3115	1	Title: Grounding Plan STAMPED (E-G3115), Revision: Revised for Construction (1, Dec 2, 2011)	LG Constructors, Inc.	C - Construction
E-G3116	1	Title: Grounding Plan STAMPED (E-G3116), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	A-Approval
E-G3117	1	Title: Grounding Plan STAMPED (E-G3117), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3118	1	Title: Grounding Plan STAMPED (E-G3118), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3119	1	Title: Grounding Plan STAMPED (E-G3119), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01452

9189 South Jamaica Street
Englewood, CO 80112

Date: 06-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-G3120	1	Title: Grounding Plan STAMPED (E-G3120), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3121	1	Title: Grounding Plan STAMPED (E-G3121), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3122	1	Title: Grounding Plan STAMPED (E-G3122), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3123	1	Title: Grounding Plan STAMPED (E-G3123), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3124	1	Title: Grounding Plan STAMPED (E-G3124), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3125	1	Title: Grounding Plan STAMPED (E-G3125), Revision: Revised for Construction (1, Dec 2, 2011)	LG Constructors, Inc.	C - Construction
E-G3126	1	Title: Grounding Plan STAMPED (E-G3126), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3127	1	Title: Grounding Plan STAMPED (E-G3127), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3128	1	Title: Grounding Plan STAMPED (E-G3128), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3129	1	Title: Grounding Plan STAMPED (E-G3129), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3130	1	Title: Grounding Plan STAMPED (E-G3130), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3131	1	Title: Grounding Plan STAMPED (E-G3131), Revision: Revised for Construction (1, Dec 5, 2011)	LG Constructors, Inc.	C - Construction
E-G3132	1	Title: Grounding Plan STAMPED (E-G3132), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3133	0	Title: Grounding Plan STAMPED (E-G3133), Revision: Issued for Construction (0, Nov 30, 2011)	LG Constructors, Inc.	C - Construction

Copy To:		Qty:	Copy To:		Qty:
Jeff Nobe	LG Constructors, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Les Mathine	LG Constructors, Inc.	E	Kristy Santucci	Bureau Veritas North America, Inc	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01514

9189 South Jamaica Street
Englewood, CO 80112

Date: 15-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
Switchyard Confirmation Letters

Document Codes:			
	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Mary-Lou Lane
(E) Mary-Lou.Lane@CH2M.com
(O) 720-286-1575

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on the document/s listed on this transmittal is/are due in 15 business days of this transmittal date.
TSE-4-8.0 - MEP 415059 Switchyard Confirmation Letters - PC1

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Received Date: _____

Phone: _____

Email: _____

Document No.:	Rev No.:	Description:	Designer:	Code:
CONFIRMATION LETTER BY RE - T BYRNE	-	Title: Confirmation Letter by Responsible Engineer - Tim Byrne STAMPED (CONFIRMATION LETTER BY RE - T BYRNE), Revision: For Approval (-, Dec 5, 2011)	LG Constructors, Inc.	

LG Constructors

Transmittal

LG Constructors, Inc.

9189 South Jamaica Street
Englewood, CO 80112

Transmittal No.: 01514

Date: 15-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
STATEMENT OF DESIGN COMPLIANCE	-	Title: Project Engineering of Record Approval (STATEMENT OF DESIGN COMPLIANCE), Revision: For Information (-, Oct 27, 2011)	Dis-Tran Subst Materials (2300-031)	

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Les Mathine	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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ELEC-1

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01450

9189 S. Jamaica Street
Englewood, CO 80112

Date: 06-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M Hill Electrical Grounding Dwgs

Document Codes:

	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments & Documents are due in 15 business days of transmittal date.
ELEC-1-11.1 - MEP 415059 Electrical Grounding Dwgs - PC2

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Acknowledgement provided by: _____

Received Date: _____

Phone: _____

Email: _____

Item No.	Copies	Date	Number	Rev No.	Description	Status
		12/6/2011			ELEC-1-11.1 PC1 CBO Comment Response Letter	New Item

Document No.:	Rev No.:	Description:	Designer:	Code:
E-G3000	2	Title: Grounding Notes and Details STAMPED (E-G3000), Revision: Revised for Construction (2, Dec 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3001	0	Title: Grounding Details STAMPED (E-G3001), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01450

Date: 06-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-G3003	1	Title: Grounding Details STAMPED (E-G3003), Revision: Issued for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3100	0	Title: Grounding Plan STAMPED (E-G3100), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3101	0	Title: Grounding Plan STAMPED (E-G3101), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3102	0	Title: Grounding Plan STAMPED (E-G3102), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3103	0	Title: Grounding Plan STAMPED (E-G3103), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3104	0	Title: Grounding Plan STAMPED (E-G3104), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3105	0	Title: Grounding Plan STAMPED (E-G3105), Revision: Issued for Construction (0, Oct 18, 2011)	LG Constructors, Inc.	A-Approval
E-G3106	1	Title: Grounding Plan STAMPED (E-G3106), Revision: Issued for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3107	1	Title: Grounding Plan STAMPED (E-G3107), Revision: Revised for Construction (1, Dec 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3108	1	Title: Grounding Plan STAMPED (E-G3108), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3109	1	Title: Grounding Plan STAMPED (E-G3109), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3111	1	Title: Grounding Plan STAMPED (E-G3111), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3112	1	Title: Grounding Plan STAMPED (E-G3112), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3113	1	Title: Grounding Plan STAMPED (E-G3113), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3114	1	Title: Grounding Plan STAMPED (E-G3114), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3115	1	Title: Grounding Plan STAMPED (E-G3115), Revision: Revised for Construction (1, Dec 2, 2011)	LG Constructors, Inc.	C - Construction
E-G3116	1	Title: Grounding Plan STAMPED (E-G3116), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	A-Approval
E-G3117	1	Title: Grounding Plan STAMPED (E-G3117), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3118	1	Title: Grounding Plan STAMPED (E-G3118), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3119	1	Title: Grounding Plan STAMPED (E-G3119), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3120	1	Title: Grounding Plan STAMPED (E-G3120), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3121	1	Title: Grounding Plan STAMPED (E-G3121), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3122	1	Title: Grounding Plan STAMPED (E-G3122), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3123	1	Title: Grounding Plan STAMPED (E-G3123), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01450

Date: 06-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-G3124	1	Title: Grounding Plan STAMPED (E-G3124), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3125	1	Title: Grounding Plan STAMPED (E-G3125), Revision: Revised for Construction (1, Dec 2, 2011)	LG Constructors, Inc.	C - Construction
E-G3126	1	Title: Grounding Plan STAMPED (E-G3126), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3127	1	Title: Grounding Plan STAMPED (E-G3127), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3128	1	Title: Grounding Plan STAMPED (E-G3128), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3129	1	Title: Grounding Plan STAMPED (E-G3129), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3130	1	Title: Grounding Plan STAMPED (E-G3130), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3131	1	Title: Grounding Plan STAMPED (E-G3131), Revision: Revised for Construction (1, Dec 5, 2011)	LG Constructors, Inc.	C - Construction
E-G3132	1	Title: Grounding Plan STAMPED (E-G3132), Revision: Revised for Construction (1, Nov 30, 2011)	LG Constructors, Inc.	C - Construction
E-G3133	0	Title: Grounding Plan STAMPED (E-G3133), Revision: Issued for Construction (0, Nov 30, 2011)	LG Constructors, Inc.	C - Construction

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
Les Mathine	LG Constructors, Inc.	E	MEP Pwr Gp Mailbox	LG Constructors, Inc.	E
James Spicer	Mariposa Energy, LLC	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01601

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M Hill LV One-Line Diagrams

Document Codes:			
	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
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B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments and documents due in 15 business days of transmittal date.
ELEC-1-12.0X1 - MEP 415059 LV One-Line Diagrams - PC1

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Document No.:	Rev No.:	Description:	Designer:	Code:
E-N1014	1	Title: LV One-Line Diagram MCC-ELV-6-01 STAMPED (E-N1014), Revision: Revised as Noted (1, Dec 6, 2011)	LG Constructors, Inc.	C - Construction
E-N1015	1	Title: LV One-Line Diagram MCC-ELV-7-01 STAMPED (E-N1015), Revision: Revised as Noted (1, Dec 6, 2011)	LG Constructors, Inc.	C - Construction
E-N1016	1	Title: LV One-Line Diagram MCC-ELV-8-01 STAMPED (E-N1016), Revision: Revised as Noted (1, Dec 6, 2011)	LG Constructors, Inc.	C - Construction

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01601

Date: 30-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-N1017	1	Title: LV One-Line Diagram MCC-ELV-9-01 STAMPED (E-N1017), Revision: Revised as Noted (1, Dec 6, 2011)	LG Constructors, Inc.	C - Construction

Copy To:		Qty:	Copy To:		Qty:
Shamica Zenn	Bureau Veritas North America, Inc.	1	James Spicer	Mariposa Energy, LLC	E
Les Mathine	LG Constructors, Inc.	E	MEP Pwr Gp Mailbox	LG Constructors, Inc.	E
Jeff Nobe	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01599

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M Hill LV One-Line Diagrams

Document Codes:			
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ASB - As Built	I- Information	R - Review	V - Void
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B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments & documents due in 15 business days of transmittal date.
ELEC-1-12.1X1 - MEP 415059 LV One-Line Diagrams - PC1

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Received Date: _____

Phone: _____

Email: _____

Document No.:	Rev No.:	Description:	Designer:	Code:
E-N1010	1	Title: LV One-Line Diagram MCC-ELV-0-01A STAMPED (E-N1010), Revision: Revised Added Unit No. and Misc (1, Nov 16, 2011)	LG Constructors, Inc.	C - Construction
E-N1011	1	Title: LV One-Line Diagram MCC-ELV-0-01A STAMPED (E-N1011), Revision: Revised Added Unit No. and Misc (1, Nov 16, 2011)	LG Constructors, Inc.	C - Construction
E-N1012	1	Title: LV One-Line Diagram MCC-ELV-0-01B STAMPED (E-N1012), Revision: Revised Added Unit No. and Misc (1, Nov 16, 2011)	LG Constructors, Inc.	C - Construction

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01599

Date: 30-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-N1013	1	Title: LV One-Line Diagram MCC-ELV-0-01B STAMPED (E-N1013), Revision: Revised Added Unit No. and Misc (1, Nov 16, 2011)	LG Constructors, Inc.	C - Construction

Copy To:		Qty:	Copy To:		Qty:
Shamica Zenn	Bureau Veritas North America, Inc.	1	James Spicer	Mariposa Energy, LLC	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
Jeff Nobe	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01567

9189 South Jamaica Street
Englewood, CO 80112

Date: 27-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL CBO Comment Response Letter

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APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Mary-Lou Lane
(E) Mary-Lou.Lane@CH2M.com
(O) 720-286-1575

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on the document/s listed on this transmittal is/are due in 15 business days of this transmittal date.
ELEC-1-16.0 - MEP 415059 Electrical Above Ground Drawings - PC2

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Item No.	Copies	Date	Number	Rev No.	Description	Status
					Elec-1-16.0 PC1 CBO Comment Response Letter 4 Dec 22	Approval

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01567

9189 South Jamaica Street
Englewood, CO 80112

Date: 27-Dec-11

Item No.	Copies	Date	Number	Rev No.	Description	Status
					ELEC-1-16.0 Attachment R-	Reference

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Jeff Nobe	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01478

9189 S. Jamaica Street
Englewood, CO 80112

Date: 09-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL Cable Tray Layout Drawings

Document Codes:			
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APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on Documents are due in 15 business days of transmittal date.
ELEC-1-16.1 - MEP 415059 Electrical Cable Tray Layout Drawings - PC1

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Phone: _____

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LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01478

Date: 09-Dec-11

Item No.	Copies	Date	Number	Rev No.	Description	Status
		12/7/2011			Title: Cable Tray Layout PDC Tray El. 127'-0" & 128'-0" (E-T4006), Revision 0: Issued for Construction (0, Dec 7, 2011)	Approved

Document No.:	Rev No.:	Description:	Designer:	Code:
E-T4005	0	Title: Cable Tray Layout PDC Tray at EL 129'-0" & 131'-0" (E-T4005), Revision: Issued for Construction (0, Dec 7, 2011)	LG Constructors, Inc.	C - Construction

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
Les Mathine	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01457

9189 S. Jamaica Street
Englewood, CO 80112

Date: 07-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL W.E. Lyons Building Submittals

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ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on Documents are due in 15 business days of transmittal date.
ELEC-1-17.0 - MEP 415059 W.E. Lyons Building Submittals - PC1

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Phone: _____

Email: _____

Document No.:	Rev No.:	Description:	Designer:	Code:
COMMODITIES	-	Title: Mariposa Pre-Fab Commodities Submittal (COMMODITIES), Revision: For Review (-, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review
SWITCHGEAR	-	Title: Mariposa Pre-Fab Switchgear Submittal (SWITCHGEAR), Revision: For Review (-, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01457

Date: 07-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
WIRE AND CABLE	-	Title: Mariposa Pre-Fab Wire & Cable Submittal (WIRE AND CABLE), Revision: For Review (-, Nov 17, 2011)	W.E. Lyons Construction, Co.	R - Review

Copy To:		Qty:	Copy To:		Qty:
Kristy Santucci	Bureau Veritas North America, Inc.	E	James Spicer	Mariposa Energy, LLC	E
Jeff Nobe	LG Constructors, Inc.	E	MEP Pwr Gp Mailbox	LG Constructors, Inc.	E
Les Mathine	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01483

9189 S. Jamaica Street
Englewood, CO 80112

Date: 09-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL Electrical Calc Sheets

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ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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ELEC-1-18.0 - MEP 415059 Electrical Calc Sheets - PC1

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Document No.:	Rev No.:	Description:	Designer:	Code:
EE-005	0	Title: Protective Device Coordination STAMPED (EE-005), Revision: Issued for Review (0, Dec 2, 2011)	LG Constructors, Inc.	R - Review

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01483

Date: 09-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
EE-006	0	Title: Arc Flash Analysis STAMPED (EE-006), Revision: Issued for review. (0, Dec 7, 2011)	LG Constructors, Inc.	R - Review

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MEP Pwr Gp Mailbox	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
Les Mathine	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01583

9189 S. Jamaica Street
Englewood, CO 80112

Date: 29-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL Electrical Drawings

Document Codes:

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APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments on Documents are due in 15 business days of transmittal date.
ELEC-1-19.0 - MEP 415059 Electrical Drawings - PC1

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Email: _____

Document No.:	Rev No.:	Description:	Designer:	Code:
E-W1644	A	Title: ESD System Schematic, Sht. 1 CP-ESD-0-01 Control Room Pushbutton Turret STAMPED (E-W1644), Revision: Issued for Review (A, Dec 22, 2011)	LG Constructors, Inc.	A-Approval

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01583

Date: 29-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-W1645	A	Title: ESD System Schematic, Sht. 2 CP-ESD-0-01 Control Room Pushbutton Turret STAMPED (E-W1645), Revision: Issued for Review (A, Dec 22, 2011)	LG Constructors, Inc.	A-Approval

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Shamica Zenn	Bureau Veritas North America, Inc.	1	James Spicer	Mariposa Energy, LLC	E
Jeff Nobe	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01596

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M Hill Electrical Drawings

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B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments and documents due in 15 business days of transmittal date.
ELEC-1-20.0 - MEP 415059 Electrical Drawings - PC1

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Document No.:	Rev No.:	Description:	Designer:	Code:
E-A0001	0	Title: Abbreviations and Legend STAMPED (E-A0001), Revision: Issued for Construction (0, Nov 23, 2011)	LG Constructors, Inc.	C - Construction
E-P6020	1	Title: Preliminary PDC Layout STAMPED (E-P6020), Revision: Revised Issued for Construction (1, Nov 23, 2011)	LG Constructors, Inc.	C - Construction
E-P6025	0	Title: Generator Circuit Breaker Location Detail STAMPED (E-P6025), Revision: Issued for Construction (0, Nov 18, 2011)	LG Constructors, Inc.	C - Construction

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 01596

9189 S. Jamaica Street
Englewood, CO 80112

Date: 30-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-P6039	0	Title: Chiller Unit Details STAMPED (E-P6039), Revision: Issued for Construction (0, Nov 18, 2011)	LG Constructors, Inc.	C - Construction

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MEP Pwr Gp Mailbox	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
Les Mathine	LG Constructors, Inc.	E			

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LG Constructors, Inc.

Transmittal No.: 01463

9189 S. Jamaica Street
Englewood, CO 80112

Date: 08-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

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CH2M HILL Underground Documents

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B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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Transmittal No.: 01463

9189 S. Jamaica Street
Englewood, CO 80112

Date: 08-Dec-11

Item No.	Copies	Date	Number	Rev No.	Description	Status
	1	12/15/2011			Title: Electrical Underground Plan Stamped (E-U2109), Revision: Revised Location of Sub UPS (REVISION 3, Dec 14, 2011)	Approval

Document No.:	Rev No.:	Description:	Designer:	Code:
E-U2002	2	Title: Manhole Details Stamped (E-U2002), Revision: Revised Table Notes (2, Nov 22, 2011)	LG Constructors, Inc.	A-Approval
E-U2021	5	Title: Underground Duct Bank Sections STAMPED (E-U2021), Revision: Revised Conduit Numbers (5, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2023	5	Title: Underground Duct Bank Sections STAMPED (E-U2023), Revision: Revised Conduit Numbers (5, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2025	4	Title: Underground Duct Bank Sections STAMPED (E-U2025), Revision: Revised Conduit Number (4, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2027	3	Title: Underground Duct Bank Sections STAMPED (E-U2027), Revision: Revised Conduit Numbers (3, Nov 21, 2011)	LG Constructors, Inc.	
E-U2029	2	Title: Underground Duct Bank Sections STAMPED (E-U2029), Revision: Revised Conduit Numbers (2, Nov 23, 2011)	LG Constructors, Inc.	A-Approval
E-U2033	3	Title: Underground Duct Bank Sections STAMPED (E-U2033), Revision: Added Section (3, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2035	2	Title: Underground Duct Bank Sections STAMPED (E-U2035), Revision: Revised Conduit Numbers (2, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2037	3	Title: Underground Duct Bank Sections STAMPED (E-U2037), Revision: Revised Conduit Numbers (3, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2039	3	Title: Underground Duct Bank Sections STAMPED (E-U2039), Revision: Revsied Conduit Numbers (3, Dec 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2040	5	Title: Underground Duct Bank Sections STAMPED (E-U2040), Revision: Revised Conduit Numbers (5, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2041	5	Title: Underground Duct Bank Sections STAMPED (E-U2041), Revision: Revised Conduit Numbers (5, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2043	3	Title: Underground Duct Bank Sections STAMPED (E-U2043), Revision: Revised Conduit Numbers (3, Nov 22, 2011)	LG Constructors, Inc.	A-Approval
E-U2045	5	Title: Underground Duct Bank Sections STAMPED (E-U2045), Revision: Revsied Conduit Numbers (5, Nov 21, 2011)	LG Constructors, Inc.	A-Approval
E-U2047	5	Title: Underground Duct Bank Sections STAMPED (E-U2047), Revision: Added Conduit Numbers (5, Nov 28, 2011)	LG Constructors, Inc.	A-Approval
E-U2106	4	Title: Electrical Underground Plan STAMPED (E-U2106), Revision: Added Conduit Numbers (4, Nov 29, 2011)	LG Constructors, Inc.	A-Approval
E-U2107	4	Title: Electrical Underground Plan STAMPED (E-U2107), Revision: Added Conduit Numbers (4, Nov 29, 2011)	LG Constructors, Inc.	A-Approval
E-U2108	3	Title: Electrical Underground Plan Stamped (E-U2108), Revision: Added Duct Banks (3, Dec 5, 2011)	LG Constructors, Inc.	A-Approval
E-U2114	4	Title: Electrical Underground Plan STAMPED (E-U2114), Revision: Revsied Duct Bank/Stub-Up Locations (4, Nov 18, 2011)	LG Constructors, Inc.	A-Approval
E-U2125	3	Title: Electrical Underground Plan STAMPED (E-U2125), Revision: Revised Duct Bank/Stub Up Locations (3, Nov 18, 2011)	LG Constructors, Inc.	A-Approval

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9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01463

Date: 08-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-U2150	3	Title: Underground Plan Ductbank to Main Gate STAMPED (E-U2150), Revision: Revised as Noted (3, Nov 22, 2011)	LG Constructors, Inc.	A-Approval

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Les Mathine	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
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LG Constructors, Inc.

Transmittal No.: 01467

9189 S. Jamaica Street
Englewood, CO 80112

Date: 08-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

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B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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9189 S. Jamaica Street
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Transmittal No.: 01467

Date: 08-Dec-11

Item No.	Copies	Date	Number	Rev No.	Description	Status
	1	12/15/2011			Title: Underground Duct Bank Sections STAMPED (E-U2046), Revision: Revised Conduit Numbers (Revision 4, Dec 15, 2011)	Approval

Document No.:	Rev No.:	Description:	Designer:	Code:
E-U2042	2	Title: UG Duct Bank Sections STAMPED (E-U2042), Revision: Revised Conduit Numbers (2, Dec 8, 2011)	LG Constructors, Inc.	A-Approval
E-U2044	3	Title: Underground Duct Bank Sections STAMPED (E-U2044), Revision: Revised Conduit Numbers (3, Nov 21, 2011)	LG Constructors, Inc.	A-Approval

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Les Mathine	LG Constructors, Inc.	E			

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LG Constructors, Inc.

Transmittal No.: 01542

9189 S. Jamaica Street
Englewood, CO 80112

Date: 20-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

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B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01542

Date: 20-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-U2003	1	Title: Cable Vault Details Stamped (E-U2003), Revision: Revised as Noted (1, Sep 1, 2011)	LG Constructors, Inc.	C - Construction

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LG Constructors, Inc.

Transmittal No.: 01590

9189 S. Jamaica Street
Englewood, CO 80112

Date: 29-Dec-11

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

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

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CH2M HILL MV One Line Diagrams

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B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Lisa Gilkes
(E) lisa.gilkes@ch2m.com
(O)

Transmitted For: Jeff Nobe

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Document No.:	Rev No.:	Description:	Designer:	Code:
E-N1001	2	Title: Medium Voltage One Line Diagram Unit-6 STAMPED (E-N1001), Revision: Added 86/T-6 Relay (2, Dec 13, 2011)	LG Constructors, Inc.	C - Construction
E-N1002	2	Title: Medium Voltage One Line Diagram Unit-7 STAMPED (E-N1002), Revision: Added 86/T-6 Relay (2, Dec 13, 2011)	LG Constructors, Inc.	C - Construction
E-N1003	2	Title: Medium Voltage One Line Diagram Unit-8 STAMPED (E-N1003), Revision: Added 86/T-6 Relay (2, Dec 13, 2011)	LG Constructors, Inc.	C - Construction

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 01590

Date: 29-Dec-11

Document No.:	Rev No.:	Description:	Designer:	Code:
E-N1004	2	Title: Medium Voltage One Line Diagram Unit-9 STAMPED (E-N1004), Revision: Added 86/T-6 Relay (2, Dec 13, 2011)	LG Constructors, Inc.	C - Construction

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Jeff Nobe	LG Constructors, Inc.	E			

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Exhibit 7
Compliance Matrix

MARIPOSA ENERGY PROJECT COMPLIANCE MATRIX BASED ON FINAL COMMISSION DECISION

December 1 to December 31, 2011

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
1	AQ	AQ-SC1	CONS	Designate and retain an on-site Air Quality Construction Mitigation Manager (AQCMM) who shall be responsible for directing and documenting compliance with **AQ-SC3, AQ-SC4, and AQ-SC5** for the entire project site and linear facility construction. The on-site AQCMM may delegate responsibilities to one or more AQCMM delegates. The AQCMM shall not be terminated without written consent of the compliance project manager (CPM).	Submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM delegates. The AQCMM and all delegates must be approved by the CPM before the start of ground disturbance.	Resume of AQCMM & Delegates	At least 60 days prior to ground disturbance	10/21/2011	10/26/2011	Complete	Original submittals completed 4/8/11, PG&E AQCMM resume submitted 10/21/11 and approved on 10/26/11.
2	AQ	AQ-SC2	PC	Provide, for approval, an Air Quality Construction Mitigation Plan (AQCMP) that details the steps to be taken and the reporting requirements necessary to ensure compliance with conditions of certification **AQ-SC3, AQ-SC4 and AQ-SC5.**	Submit the AQCMP to the CPM for approval. The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance	Complete	2/28/2011	Complete	Revised AQCMP submitted 6/20/11
3	AQ	AQ-SC3	CONS	Submit documentation to the CPM in each monthly compliance report (MCR) that demonstrates compliance with mitigation measures (a) through (m) in the Condition for purposes of preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. **(See FINAL Conditions for a List of All Measures)**	The MCR shall include: (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the air district in relation to project construction; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion, as approved by the CPM.	MCR	Monthly	On-going	NA	In-progress	See page 5-1 of the AQCMP and Section 6
4	AQ	AQ-SC4	PC	AQCMM or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes with the potential to be transported off the project site, 200 feet beyond the centerline of the construction of linear facilities, or within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not providing effective mitigation. The AQCMM or delegate shall then implement Steps 1 through 3 in the Condition in the event such visible dust plumes are observed. **(See FINAL Conditions for a List of All Measures)**	The AQCMP shall include a section detailing how additional mitigation measures will be accomplished within the specified time limits.	see AQ-SC2	At least 60 days prior to ground disturbance	Complete	NA	Complete	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
5	AQ	AQ-SC5	CONS	Submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with mitigation measures (a) through (f) in the Condition for purposes of controlling diesel construction related emissions. Any deviation from the mitigation measures shall require prior CPM notification and approval. **(See FINAL Conditions for a List of All Measures)**	Include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion, as approved by the CPM.	MCR	Monthly	On-going	NA	In-progress	
6	AQ	AQ-SC6a	CONS	Any modification to any project air permit that is proposed by the project owner, the District, or U.S. EPA shall be submitted to the CPM for review and approval.	Submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	(If Needed)	Within 5 working days of proposing permit modification	As-needed	NA	As-needed	
7	AQ	AQ-SC6b	CONS	Any revised permit issued by the District or U.S. EPA for the project shall be submitted to the CPM for review and approval.	Submit all modified air permits to the CPM within 15 days of receipt.	(If Needed)	Within 15 days of receipt of permit revision	As-needed	NA	As-needed	
8	AQ	AQ-SC7a	PC	Offsets or emission reduction credits (ERCs) in the quantities of at least 22.72 tons per year (tpy) NOx, 2.51 tpy VOC, 8.13 tpy PM10, and 1.10 tpy SOx emissions shall be provided. The NOx and/or VOC ERCs from among BAAQMD Certificate Numbers 1182 and/or 1184, or an alternate certificate, as allowed by this condition [AQ-SC7] shall be surrendered. If additional ERCs are submitted, the project owner shall submit an identification of the additional ERCs to the CPM. CPM approval for any substitutions, modifications, or additions to the listed credits shall be requested.	The project owner shall submit to the CPM records showing that the project's BAAQMD offset requirements have been met prior to initiating construction.	ERC's	Prior to construction	Complete	5/25/2011	Complete	
9	AQ	AQ-SC7b	CONS	To demonstrate that a sufficient quantity of local emission reductions of PM10 and/or SOx occur, a report shall be provided that identifies the feasible timing of the reductions and the ultimate use and cost effectiveness of the $644,503 fee in the Air Quality Mitigation Settlement Agreement executed by the San Joaquin Valley Air Pollution Control District Governing Board, December 17, 2009. If insufficient emission reductions would result from the use of the fee, then the project owner shall expand the scope of the Settlement Agreement and fee or surrender sufficient PM10 and/or SOx ERCs as described in the condition.	The project owner shall submit to the CPM records showing that the local emission reductions achieved by using the SJVAPCD fee are likely to occur prior to initiating operation.	Letter	Prior to Turbine Commissioning	3/2/2012		In Progress	Fees paid to SJVAPCD in October 2011 with delivery of the first turbine., LM with Jim Swaney 559 230-6000 on 12/12/11 to discuss how the funds will reduce local emissions. Jerry Salamy sent email 12-20-11

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10	AQ	AQ-SC7c	PC	The CPM, in consultation with the District, may approve any such change to the ERC list provided that the project remains in compliance with all applicable laws, ordinances, regulations, and standards, and that the requested change(s) will not cause the project to result in a significant environmental impact. The District must also confirm that each requested change is consistent with applicable federal and state laws and regulations.	If the CPM approves a substitution or modification to the list of ERCs, a statement of the approval shall be filed with the project owner and the Energy Commission docket. The CPM shall maintain an updated list of approved ERCs for the project.	--	Prior to construction	Complete	5/25/2011	Complete	
11	AQ	AQ-SC8	OPS	Submit to the CPM quarterly operation reports that include operational and emissions information as necessary to demonstrate compliance with the conditions of certification. The quarterly operation report shall specifically note or highlight incidences of noncompliance.	Submit quarterly operation reports to the CPM and APCO. This information shall be maintained on site for a minimum of five years and shall be provided to the CPM and District personnel upon request.	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
12	AQ	AQ-SC9	COMM	The facility shall be operated such that simultaneous commissioning of the combustion turbines will not occur without abatement of nitrogen oxide and CO emissions by its SCR system and oxidation catalyst system. Operation of a combustion turbine during commissioning without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR or Oxidation Catalyst Systems fully operational.	Submit a monthly compliance report to the CPM during the commissioning period demonstrating compliance with this condition.	MCR	Monthly	5/1/2012		Not Started	
13	AQ	AQ-SC10a	COMM	The diesel fire water pump engine (proposed rating: 220 horsepower) shall be certified as meeting ARB Tier 3 or better standards. Scheduled testing of the fire pump engine shall not occur during operation of any combustion turbine in commissioning mode. Any planned test of the fire pump engine shall last no more than 30 minutes and shall be completed only between 8 a.m. and 11 a.m. standard time.	Submit a monthly compliance report to the CPM during the commissioning period demonstrating compliance with this condition.	MCR	Monthly	5/1/2012		Not Started	
14	AQ	AQ-SC10b	OPS	The diesel fire water pump engine (proposed rating: 220 horsepower) shall be certified as meeting ARB Tier 3 or better standards. Scheduled testing of the fire pump engine shall not occur during operation of any combustion turbine in commissioning mode. Any planned test of the fire pump engine shall last no more than 30 minutes and shall be completed only between 8 a.m. and 11 a.m. standard time.	Submit a quarterly operation report (AQ-SC8) demonstrating compliance with this condition.	Quarterly Operation Report	Quarterly	On-going		Not Started	
15	AQ	AQ-1	COMM	Minimize emissions of carbon monoxide and nitrogen oxides from S-1, S-2, S-3 and S-4 Gas Turbines to the maximum extent possible during the commissioning period.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	

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16	AQ	AQ-2	COMM	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the project owner shall tune the S-1, S-2, S-3 and S-4 Gas Turbines combustors to minimize the emissions of carbon monoxide and nitrogen oxides.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
17	AQ	AQ-3	COMM	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the project owner shall install, adjust, and operate the A-1, A-3, A-5 and A-7 Oxidation Catalysts and A-2, A-4, A-6 and A-8 SCR Systems to minimize the emissions of carbon monoxide and nitrogen oxides from S-1, S-2, S-3, and S-4 Gas Turbines.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8)	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
18	AQ	AQ-4	COMM	Submit a plan to the District Engineering Division and the CEC CPM at least four weeks prior to first firing of S-1, S-2, S-3, and S-4 Gas Turbines describing the procedures to be followed during the commissioning of the gas turbines. The plan shall include the elements outlined in the condition [AQ-4]. The Gas Turbines (S-1, S-2, S-3 or S-4) shall not be fired sooner than 28 days after the District receives the commissioning plan.	Submit a commissioning plan to the CPM and APCO for approval describing the procedures to be followed during the commissioning period and the anticipated duration of each commissioning activity.	Commissioning Plan	At least 4 weeks prior to first firing of the gas turbine	2/1/2012		Not Started	
19	AQ	AQ-5	COMM	During the commissioning period, demonstrate compliance with AQ-7, AQ-8, AQ-9, and AQ-10 through the use of properly operated and maintained continuous emission monitors and data recorders for the parameters and emission concentrations listed in this condition [AQ-5]. The monitored parameters shall be recorded, and District-approved calculation methods shall be used, as outlined in this condition. Records shall be retained on site for at least 5 years from the date of entry and such records will be made available to District personnel upon request. **(See FINAL Conditions for a List of All Measures)**	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4.	see AQ-4	At least 4 weeks prior to first firing of the gas turbine	2/1/2012		Not Started	

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20	AQ	AQ-6	COMM	Install, calibrate, and operate the District-approved continuous monitors specified in AQ-5 prior to first firing of the Gas Turbines (S-1, S-2, S-3 and S-4). After first firing of the turbines, adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NOx emission concentrations. The instruments shall operate at all times of operation of S-1, S-2, S-3, and S-4 including start-up, shutdown, upset, and malfunction, except as allowed by BAAQMD Regulation 1-522, BAAQMD Manual of Procedures, Volume V. If necessary to comply with this requirement, the project owner shall install dual-span monitors. The type, specifications, and location of these monitors shall be subject to District review and approval.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	--	Prior to first firing of the Gas Turbines	02/01/12		Not Started	Include cover letter with commissioning plan giving notice that the site is available for inspection.
21	AQ	AQ-7	COMM	The Gas Turbines shall not be fired without abatement of nitrogen oxide emissions and/or abatement of CO emissions, as described in this condition. Such operation of any Gas Turbine without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR system and/or oxidation catalyst in place. Upon completion of these activities, provide written notice to the District Engineering and Enforcement Divisions and the unused balance of the 200 firing hours for each turbine without abatement shall expire.	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	see AQ-4 / Quarterly Operation Report	Upon Completion of activities	TBD		Not Started	
22	AQ	AQ-8	COMM	The total mass emissions of nitrogen oxides, carbon monoxide, precursor organic compounds, PM10, and sulfur dioxide that are emitted by the Gas Turbines (S-1, S-2, S-3, and S-4) during the commissioning period shall accrue towards the consecutive twelve-month emission limitations specified in AQ-20.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8)	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
23	AQ	AQ-9	COMM	The Gas Turbines (S-1, S-2, S-3, and S-4) shall not be operated in a manner such that the combined pollutant emissions from the turbines will exceed the limits in this condition during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines. In addition, commissioning activities will be conducted on no more than one turbine/day.	The limits in this condition for NOx and CO both apply. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	

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24	AQ	AQ-9a	COMM	The Gas Turbines (S-1, S-2, S-3, and S-4) shall not be operated in a manner such that the pollutant emissions from each gas turbine will exceed the limits in this condition during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines. In addition, commissioning activities will be conducted on no more than one turbine/day.	The limits in this condition for NOx and CO both apply. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
25	AQ	AQ-10a	COMM	Within 90 days after startup of each turbine, conduct District and CEC approved source tests on that turbine to determine compliance with the emission limitations specified in AQ-17. The source tests shall be conducted and analyzed in accordance with this condition [AQ-10].		--	Within 90 days of startup of each turbine	5/31/2012		Not Started	
26	AQ	AQ-10b	COMM	Thirty working days before the execution of the source tests, submit to the District and the CEC Compliance Program Manager (CPM) a detailed source test plan for approval. The District and the CEC CPM will notify the project owner of any necessary modifications to the plan within 20 working days of receipt of the plan; otherwise, the plan shall be deemed approved. The Project owner shall incorporate the District and CEC CPM comments into the test plan.	Submit a source test plan to the CPM and APCO for approval as part of the commissioning plan required in AQ-4.	Source Test Plan	30 working days prior to the source testing date	4/2/2012		Not Started	
27	AQ	AQ-10c	COMM	Notify the District and the CEC CPM within seven (7) working days prior to the planned source testing date.		Notification to District	7 working days prior to the source testing date	5/18/2012		Not Started	
28	AQ	AQ-10d	COMM	Submit the source test results to the District and the CEC CPM within 60 days of the source testing date.		Source Test Results	within 60 days of the source testing date	7/1/2012		Not Started	
29	AQ	AQ-11	OPS	Fire the Gas Turbines (S-1, S-2, S-3, and S-4) exclusively on PUC-regulated natural gas with a maximum sulfur content of 1 grain per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of S-1, S-2, S-3 and S-4 shall sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas. PG&E monthly sulfur data may be used provided that such data can be demonstrated to be representative of the gas delivered to the MEP.	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
30	AQ	AQ-12	OPS	The units shall not be operated such that the heat input rate to each Gas Turbine (S-1, S-2, S-3, and S-4) exceeds 481 MMBtu (HHV) per hour.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
31	AQ	AQ-13	OPS	The units shall not be operated such that the heat input rate to each Gas Turbine (S-1, S-2, S-3, and S-4) exceeds 11,544 MMBtu (HHV) per day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	

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32	AQ	AQ-14	OPS	The units shall not be operated such that the combined cumulative heat input rate for the Gas Turbines (S-1, S-2, S-3, and S-4) exceeds 8,128,900 MMBtu (HHV) per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
33	AQ	AQ-15a	OPS	Turbines S-1, S-2, S-3, or S-4 shall not be operated such that the hours of operation for any of the four units exceeds 5,200 hours per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
34	AQ	AQ-15b	OPS	Turbines S-1, S-2, S-3, or S-4 shall not be operated such that the hours of operation for the four units combined exceeds 16,900 hours per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
35	AQ	AQ-16	OPS	Ensure that each Gas Turbine (S-1, S-2, S-3, S-4) is abated by the properly operated and properly maintained Selective Catalytic Reduction (SCR) System A-2, A-4, A-6, or A-8 and Oxidation Catalyst System A-1, A-3, A-5, or A-7 whenever fuel is combusted at those sources and the corresponding SCR catalyst bed (A-2, A-4, A-6 or A-8) has reached minimum operating temperature.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
36	AQ	AQ-17	OPS	The Gas Turbines (S-1, S-2, S-3, S-4) shall comply with requirements (a) through (g) in this condition [AQ-17]. Requirements (a) through (f) do not apply during a gas turbine start-up, and shutdown.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
37	AQ	AQ-18	OPS	The regulated air pollutant mass emission rates from each of the Gas Turbines (S-1, S-2, S-3, and S-4) during a start-up or shutdown shall not exceed the limits established in this condition (shown in Table 40). Startups shall not exceed 30 minutes. Shutdowns shall not exceed 15 minutes.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
38	AQ	AQ-19	OPS	Total combined emissions from the Gas Turbines (S-1, S-2, S-3, and S-4), including emissions generated during gas turbine start-ups and shutdowns, shall not exceed the limits (a) through (d) of this condition during any calendar day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
39	AQ	AQ-20	OPS	Cumulative combined emissions from the Gas Turbines (S-1, S-2, S-3, and S-4), including emissions generated during gas turbine start-ups, shutdowns, and malfunctions shall not exceed the limits (a) through (e) of this condition during any consecutive twelve-month period. Emissions of PM10 from each gas turbine shall be calculated by multiplying turbine fuel usage times an emission factor determined by source testing of the turbine conducted in accordance with Part 26. The emission factor for each turbine shall be based on the average of the emissions rates observed during the 4 most recent source tests on that turbine (or, prior to the completion of 4 source tests on a turbine, on the average of the emission rates observed during all source tests on the turbine).	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	

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40	AQ	AQ-21	OPS	The maximum projected annual toxic air contaminant emissions (per AQ-24) from the Gas Turbines (S-1, S-2, S-3, S-4) combined shall not exceed the limits in this condition [AQ-21]. A health risk assessment shall be performed using the emission rates determined by the procedures described in this condition. The risk analysis shall be submitted to the District and the CEC CPM within 60 days of the source test date. The project owner may request that the District and the CEC CPM revise the carcinogenic compound emission limits, as described in this condition. If the project owner demonstrates to the satisfaction of the APCO that these revised emission limits will not result in a significant cancer risk, the District and the CEC CPM may, at their discretion, adjust the carcinogenic compound emission limits listed in this condition.	Source test results obtained through compliance with AQ-24 and AQ-28 shall confirm the toxic air contaminant emission rates or the project owner shall submit an updated health risk assessment.	Health Risk Assessment	Within 60 days of the source testing date	7/1/2012		Not Started	
41	AQ	AQ-22	OPS	Compliance with AQ-12 through AQ-15, AQ-17(a) through AQ-17(e), AQ-18 (NOx, and CO limits), AQ-19(a), AQ- 19(b), AQ-20(a) and AQ-20(b) shall be demonstrated by using properly operated and maintained continuous monitors (during all hours of operation including gas turbine startup, and shutdown periods). The project owner shall monitor for parameters (a) through (k) of this condition [AQ-22].	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the continuous monitoring and recordkeeping system is properly installed and operational.	--	Throughout Operation	On-going		Not Started	
42	AQ	AQ-23	OPS	To demonstrate compliance with AQ-17(f), AQ-17(g), AQ-19(c), AQ-19(d), AQ-20(c), AQ-20(d), AQ-20(e), calculate and record on a daily basis, the mass emissions from each power train as listed in this condition [AQ-23]. Use the criteria listed in this condition to calculate these emissions, and present the calculated emissions in format (a) and (b) of this condition.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational.	--	Throughout Operation	On-going		Not Started	
43	AQ	AQ-24	OPS	To demonstrate compliance with AQ-21, calculate and record on an annual basis the maximum projected annual emissions of: Formaldehyde, Benzene, and Specified PAHs. Calculate the maximum projected annual emissions using the factors described in this condition [AQ-24]. Use of a reduced annual heat input rate to calculate the maximum projected annual emissions shall be subject to District review and approval.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational.	--	Annual	On-going		Not Started	

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44	AQ	AQ-25a	COMM	Within 90 days of start-up of each of the MEP GE LM-6000 PC Sprint units, conduct a District-approved source test on exhaust point P-1, P-2, P 3, or P-4 to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-17(e). (See Condition AQ-25 for purpose and method of test.) Ongoing compliance with AQ-17(e) shall be demonstrated through calculations of corrected ammonia concentrations based upon the source test correlation and continuous records of ammonia injection rate. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Within 60 days of the source testing	7/1/2012		Not Started	
45	AQ	AQ-25b	OPS	On an annual basis, conduct a District-approved source test on exhaust point P-1, P-2, P-3, or P-4 to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-17(e). (See Condition AQ-25 for purpose and method of test.) Ongoing compliance with AQ-17(e) shall be demonstrated through calculations of corrected ammonia concentrations based upon the source test correlation and continuous records of ammonia injection rate. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Annual Testing/Results Submitted Within 60 days of the source testing	TBD		Not Started	
46	AQ	AQ-26a	COMM	Within 90 days of start-up of each of the MEP GE LM-6000 PC Sprint units, conduct a District-approved source test on exhaust points P-1, P-2, P-3 and P-4 while each Gas Turbine is operating at maximum load to determine compliance with AQ- 17(a), AQ-17(b), AQ-17(c), AQ-17(d), AQ-17(f), AQ-17(g) and to determine a total particulate matter including condensable particulate matter emission factor, and while each Gas Turbine is operating at minimum load to determine compliance with AQ-17(c), and AQ-17(d) and to verify the accuracy of the continuous emission monitors required in AQ-22. Test for (as a minimum) the elements listed in this condition [AQ-26]. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests. The project owner may conduct up to four tests per year for total particulate matter including condensable particulate matter.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Within 60 days of the source testing	7/1/2012		Not Started	

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47	AQ	AQ-26b	OPS	On an annual basis, conduct a District-approved source test on exhaust points P-1, P-2, P-3 and P-4 while each Gas Turbine is operating at maximum load to determine compliance with AQ-17(a), AQ-17(b), AQ-17(c), AQ-17(d), AQ-17(f), AQ-17(g) and to determine a total particulate matter including condensable particulate matter emission factor, and while each Gas Turbine is operating at minimum load to determine compliance with AQ-17(c), and AQ-17(d) and to verify the accuracy of the continuous emission monitors required in AQ-22. Test for (as a minimum) the elements listed in this condition [AQ-26]. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests. The project owner may conduct up to four tests per year for total particulate matter including condensable particulate matter.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Annual Testing/Results Submitted Within 60 days of the source testing	TBD		Not Started	
48	AQ	AQ-27a	OPS	Obtain approval for all source test procedures from the District's Source Test Section and the CEC CPM prior to conducting any tests. Comply with all applicable testing requirements for continuous emission monitors as specified in Volume V of the District's Manual of Procedures. Notify the District's Source Test Section and the CEC CPM in writing of the source test protocols and projected test dates at least 7 days prior to the testing date(s).	Submit the proposed source test plan or protocol for the source tests 7 days prior to the proposed source test date to both the District and CPM for approval. The project owner shall notify the District and CPM no later than seven days prior to the proposed source test date and time.	Proposed Source Test Plan/Protocol & Notification to District	At least 7 days prior to the source testing date(s)	May 17, 2012		Not Started	
49	AQ	AQ-27b	OPS	Measure the contribution of condensable PM (back half) to any measurement of the total particulate matter or PM10 emissions. However, the project Owner may propose alternative measuring techniques to measure condensable PM such as the use of a dilution tunnel or other appropriate method used to capture semivolatile organic compounds. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	Source Test Results	Within 60 days of the source testing	July 1, 2012		Not Started	
50	AQ	AQ-28a	COMM	Within 90 days of start-up of each of the MEP GE LM-6000 PC Sprint gas turbines, conduct a District-approved source test on one of the following exhaust points P-1, P-2, P-3 or P-4 while the Gas Turbine is operating at maximum allowable operating rates to demonstrate compliance with AQ-21. Also test the gas turbine while it is operating at minimum load. If three consecutive biennial source tests demonstrate that the annual emission rates calculated pursuant to AQ-24 for any of the compounds listed in this condition [AQ-28] are less than the BAAQMD trigger levels, pursuant to Regulation 2, Rule 5, shown, then the project owner may discontinue future testing for that pollutant.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for toxic air contaminant emissions shall be conducted upon initial operation.	Source Test Results & Field Data	Within 60 days of the source testing	7/1/2012		Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
51	AQ	AQ-28b	OPS	On a biennial basis (once every two years), conduct a District-approved source test on one of the following exhaust points P-1, P-2, P-3 or P-4 while the Gas Turbine is operating at maximum allowable operating rates to demonstrate compliance with AQ-21. Also test the gas turbine while it is operating at minimum load. If three consecutive biennial source tests demonstrate that the annual emission rates calculated pursuant to AQ-24 for any of the compounds listed in this condition [AQ-28] are less than the BAAQMD trigger levels, pursuant to Regulation 2, Rule 5, shown, then the project owner may discontinue future testing for that pollutant.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for toxic air contaminant emissions shall be conducted at least once every 24 months.	Source Test Results & Field Data	Biennial Testing/Results Submitted Within 60 days of the source testing	TBD		Not Started	
52	AQ	AQ-29	OPS	Calculate the sulfuric acid mist (SAM) emission rate using the total heat input for the sources and the highest results of any source testing conducted pursuant to AQ-30. If this SAM mass emission limit of AQ-31 is exceeded, utilize air dispersion modeling to determine the impact (in micrograms/cubic meter) of the sulfuric acid mist emissions pursuant to Regulation 2, Rule 2, Section 306.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational. The quarterly operation report (AQ-SC8) shall include a determination of the impact if triggered by this condition.	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
53	AQ	AQ-30a	COMM	Within 90 days of start-up of each of the MEP GE LM-6000 PC Sprint gas turbines, conduct a District-approved source test on two of the four exhaust points P-1, P-2, P-3 and P-4 while each gas turbine is operating at maximum heat input rates to demonstrate compliance with the SAM emission rates specified in AQ-31. Test for (as a minimum) SO2, SO3, and H2SO4. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation.	Source Test Results & Field Data	Within 60 days of the source testing	7/1/2012		Not Started	
54	AQ	AQ-30b	OPS	On an annual basis, conduct a District-approved source test on two of the four exhaust points P-1, P-2, P-3 and P-4 while each gas turbine is operating at maximum heat input rates to demonstrate compliance with the SAM emission rates specified in AQ-31. Test for (as a minimum) SO2, SO3, and H2SO4. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted at least once every 12 months.	Source Test Results & Field Data	Annual Testing/Results Submitted Within 60 days of the source testing	TBD		Not Started	
55	AQ	AQ-31	OPS	Sulfuric acid emissions (SAM) from stacks P-1, P-2, P-3, P-4 combined shall not be allowed to exceed 7 tons in any consecutive 12 month period.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
56	AQ	AQ-32	COMM	The stack height of emission points P-1, P-2, P-3 and P-4 shall each be at least 79.5 feet above grade level at the stack base.	Make the site available for inspection by representatives of the District, ARB and the Commission.	--	Throughout Operation	On-going	NA	In-progress	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
57	AQ	AQ-33	OPS	Submit all reports to the District (including, but not limited to monthly CEM reports, monitor breakdown reports, emission excess reports, equipment breakdown reports, etc.) as required by District Rules or Regulations and in accordance with all procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Enforcement Division Policies & Procedures Manual.	Notifications and reports, including the quarterly operation report (AQ-SC8), shall be prepared and submitted in compliance with this condition.	District Reporting	Including, but not limited to monthly and no later than 30 days following the end of each calendar quarter	On-going		Not Started	
58	AQ	AQ-34	OPS	Maintain all records and reports on site for a minimum of 5 years. These records shall include but are not limited to the reports listed in this condition [AQ-34]. Make all records and reports available to District and the CEC CPM staff upon request.	Make the site available for inspection by representatives of the District, ARB and the Commission.	--	Throughout Operation	On-going	NA	Not Started	
59	AQ	AQ-35	OPS	Notify the District and the CEC CPM of any violations of these permit conditions. Notification shall be submitted in a timely manner in accordance with all applicable District Rules, Regulations, and the Manual of Procedures. Notwithstanding the notification and reporting requirements given in any District Rule, Regulation, or the Manual of Procedures, submit written notification (facsimile is acceptable) to the Enforcement Division within 96 hours of the violation of any permit condition.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8)	(If Needed)	Within 96 hours of violation of permit condition & No later than 30 days following the end of each calendar quarter	As-needed		As-needed	
60	AQ	AQ-36	OPS	Provide adequate stack sampling ports and platforms to enable the performance of source testing. The location and configuration of the stack sampling ports shall comply with the procedures listed in this condition [AQ-36], and shall be subject to BAAQMD review and approval, except that the facility shall provide four sampling ports that are at least 6 inches in diameter in the same plane of each gas turbine stack (P 1, P 2, P 3, P 4).	The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission.	--	Throughout Operation	TBD	NA	In-progress	
61	AQ	AQ-37	CONS	Within 180 days of the issuance of the Authority to Construct for the MEP, contact the BAAQMD Technical Services Division regarding requirements for the continuous emission monitors, sampling ports, platforms, and source tests required by AQ-10, AQ-25, AQ-26, AQ-28 and AQ-30. Conduct all source testing and monitoring in accordance with the District approved procedures.	Contact the District for specifications on monitors, ports, platforms and source tests and submit verification of this contact to the District and CPM with the initial source test protocol (AQ-27).	see AQ-27a	Within 180 days of the ATC and at least 7 days prior to the source testing date(s)	11/10/2011		In Progress	On November 10, 2011 MEP spoke with Tim Underwood of BAAQMD who confirmed he is the correct contact for the AQ test verification. His contact information was given to LG for follow-up.
62	AQ	AQ-38	OPS	Comply with the requirement to hold SO2 allowances in 40 CFR 72.9(c)(1) and the continuous emission monitoring requirements of 40 CFR Part 75.	Submit to the CPM and District the results of audits of the monitoring system demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	

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63	AQ	AQ-39	OPS	Do not exceed 50 hours per year per engine for reliability-related testing.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
64	AQ	AQ-40	OPS	Each emergency standby engine shall be operated only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
65	AQ	AQ-41	OPS	Each emergency standby engine shall be operated only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated, and properly maintained.	Make the site available for inspection by representatives of the District, ARB and the Commission. Include a photograph of each totalizing meter in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
66	AQ	AQ-42	OPS	Records: Maintain the monthly records (a) through (e) of this condition [AQ-42] in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.	Make the site available for inspection by representatives of the District, ARB, and the Commission.	--	Throughout Operation	On-going	NA	Not Started	
67	AQ	AQ-43	OPS	If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the requirements described in this condition [AQ-43] shall apply.	Make the site available for inspection by representatives of the District, ARB, and the Commission.	--	Throughout Operation	On-going	NA	In-progress	
68	BIO	BIO-1a	PC	DESIGNATED BIOLOGIST SELECTION: A Designated Biologist shall be assigned to the project, and the resume of the proposed Designated Biologist, with at least 3 references and contact information, shall be submitted to the Energy Commission Compliance Project Manager (CPM) for approval, in consultation with CDFG and USFWS. The Designated Biologist must meet the minimum qualifications (1) through (4) in this condition [BIO-1].	The specified information shall be submitted at least 60 days prior to the start of any site (or related facilities) mobilization. No site or related facility activities, including pre-construction debris removal, shall commence until an approved Designated Biologist is available to be on site.	DB Resume	At least 60 days prior to the start of site mobilization	Complete	3/15/2011	Complete	

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69	BIO	BIO-1b	CONS	DESIGNATED BIOLOGIST SELECTION	If a Designated Biologist needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM at least ten (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 to discuss the qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	(If Needed)	At least 10 working days prior to the termination or release of the preceding Designated Biologist	As-needed	NA	As-needed	
70	BIO	BIO-2a	CONS	DESIGNATED BIOLOGIST DUTIES: The Designated Biologist shall perform the duties (1) through (9) during any site (or related facilities) pre-construction debris removal, 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.	The Designated Biologist shall submit in the Monthly Construction Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities.	MCR	Monthly	On-going	NA	In-progress	
71	BIO	BIO-2b	OPS	DESIGNATED BIOLOGIST DUTIES	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 determined to be unnecessary by the CPM.	ACR	Annually Throughout Operation	On-going	NA	Not Started	
72	BIO	BIO-3a	PC	BIOLOGICAL MONITOR QUALIFICATIONS: The project owner's CPM-approved Designated Biologist shall submit the resume, including at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval, in consultation with CDFG and USFWS.	Submit the specified information to the CDFG and USFWS for review and comment and the CPM for approval no less than 30 days prior to the start of any site (or related facilities) mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	BM's Quals	At least 30 days prior to the start of site mobilization	Complete	4/29/2011	Complete	
73	BIO	BIO-3b	CONS	Enough biological monitors must be on site during pre-construction debris removal, before and during, water supply pipeline, natural gas pipeline, and transmission line construction and prior to fencing the power plant site to collectively meet the minimum qualifications (1) through (3) in this condition [BIO-3].	If additional biological monitors are needed during construction, the specified information shall be submitted to the CDFG and USFWS for review and comment and the CPM for approval no less than 14 days prior to their first day of monitoring activities.	(If Needed)	No less than 14 days prior to BM's first day of monitoring	As-needed	NA	As-needed	

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74	BIO	BIO-4	CONS	DESIGNATED BIOLOGIST AND BIOLOGICAL MONITOR AUTHORITY: 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) any activities shall be halted in areas specified by the Designated Biologist. The Designated Biologist shall halt activities in accordance with steps (1) through (3) of this condition [BIO-4]. If the Designated Biologist is unavailable for direct consultation, the Biological Monitor shall act on behalf of the Designated Biologist.	The Designated Biologist or Biological Monitor shall notify the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any 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 5 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.	(If Needed)	Immediately	As-needed	NA	As-needed	
75	BIO	BIO-5a	PC	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP): Develop and implement a CPM-approved WEAP as described in this condition [BIO-5]. The specific program can be administered by a competent individual(s) acceptable to the Designated Biologist.	No less than 30 days prior to the start of any site (or related facilities) mobilization, the project owner shall provide to the CPM the final 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.	Final WEAP	At least 30 days prior to the start of site mobilization	Complete	5/25/2011	Complete	
76	BIO	BIO-5b	CONS	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)	The project owner shall provide in the Monthly Compliance Report 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.	MCR	Monthly	On-going	NA	In-progress	
77	BIO	BIO-5c	CONS	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)	Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least 6 months after the start of commercial operation. During project operation, signed statements for operational personnel shall be kept on file for 6 months following the termination of an individual's employment.	--	At least 6 months after the start of commercial operation	On-going	NA	In-progress	

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78	BIO	BIO-5d	OPS	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)	Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least 6 months after the start of commercial operation. During project operation, signed statements for operational personnel shall be kept on file for 6 months following the termination of an individual's employment.	--	At least 6 months after the start of commercial operation	On-going	NA	Not Started	
79	BIO	BIO-6a	PC	BIOLOGICAL RESOURCES MITIGATION IMPLEMENTATION AND MONITORING PLAN (BRMIMP): Develop a BRMIMP and submit two copies of the proposed BRMIMP to the CDFG and USFWS for review and comment and the CPM for approval and implement the measures identified in the approved BRMIMP. The BRMIMP shall be prepared in consultation with the Designated Biologist and shall identify items (1) through (15) of this condition [BIO-6].	Provide the specified draft document at least 60 days prior to start of any site (or related facilities) mobilization. The CPM, in consultation with other appropriate agencies, will determine the BRMIMP's acceptability within 45 days of receipt.	Draft BRMIMP	At least 60 days prior to the start of site mobilization	Complete	6/3/2011	Complete	
80	BIO	BIO-6b	PC	BRMIMP	If there are any permits that have not yet been received when the BRMIMP is first submitted, these permits shall be submitted to the CPM within 5 days of their receipt, and the BRMIMP shall be revised or supplemented to reflect the permit condition within 10 days of their receipt by the project owner. Ten days prior to site and related facilities mobilization the revised BRMIMP shall be resubmitted to the CPM.	Revised BRMIMP	At least 10 days prior to the start of site mobilization	Complete	6/3/2011	Complete	
81	BIO	BIO-6c	CONS	BRMIMP	The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with other appropriate agencies to ensure no conflicts exist.	(If Needed)	At least 5 working days before implementing modification to approved BRMIMP	As-needed	NA	As-needed	
82	BIO	BIO-6d	CONS	BRMIMP	Implementation of BRMIMP measures will be reported in the Monthly Compliance Reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).	MCR	Monthly	On-going	NA	In-progress	

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83	BIO	BIO-6e	CONS	BRMIMP	Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction closure report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's site mobilization, ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
84	BIO	BIO-7a	PC	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Measures (1) through (14) of this condition [BIO-7] shall be implemented to avoid and minimize impacts to biological resources from the proposed project during all phases of the project.	No less than 10 days prior to the start of any ground disturbing activities or construction equipment staging, provide the CPM a letter-report describing the findings of the pre-construction surveys, as specified in this condition [BIO-7]. All mitigation measures and their implementation methods shall be included in the BRMIMP.	Letter Report	At least 10 days prior to ground disturbing activities	Partial Complete	6/1/2011	Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11, Ph 2,5 survey completed on 9/29 for gas line . Phase 2 fencing report issued to CEC on 8/3/11
85	BIO	BIO-7b	CONS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist.	MCR	Monthly	On-going	NA	In-progress	
86	BIO	BIO-7c	CONS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES	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.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
87	BIO	BIO-7d	OPS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES	The general impact avoidance and minimization measures shall be implemented to avoid impacts to biological resources from the proposed project during site mobilization, preconstruction debris removal, ground disturbance, grading, construction, operation, maintenance, and closure.	----	----	On-going	NA	Not Started	

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88	BIO	BIO-8a	PC	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction nest surveys shall be conducted if construction activities will occur from February 1 through August 31. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the guidelines (1) through (4) of this condition [BIO-8].	No less than 2 days prior to the start of any ground disturbing activities or construction equipment staging, provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no disturbance buffer zone around the nest.	Letter Report	At least 2 days prior to the start of ground disturbing activities	Partial Complete	6/2/2011	Partial Complete	
89	BIO	BIO-8b	PC	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES	If active nests are detected during the survey, a monitoring plan shall be submitted to the CDFG and USFWS Migratory Bird Office for review and comment and the CPM for approval. Approval of the plan is required before construction may commence.	Monitoring Plan	Prior to construction	Complete	6/2/2011	Complete	
90	BIO	BIO-8c	CONS	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES	If active nests are detected during the survey, a weekly monitoring report shall be submitted to the CPM.	Weekly monitoring reports	Weekly during nesting season	On-going	NA	In-progress	Weekly reports submitted by Todd beginning on 6/21/11. Last report for this nesting season issued on 8/18/11
91	BIO	BIO-9a	CONS	SPECIAL-STATUS INVERTEBRATE IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Implement the measures described in this condition [BIO-9] to avoid or minimize impacts to listed fairy shrimp or tadpole shrimp species and habitat.	No less than 10 days prior to ground disturbance, provide a report detailing the locations of buffer zone fencing, and that includes both a figure and photographs showing the location of the fencing.	Buffer Zone Fencing Report	At least 10 days prior to ground disturbing activities	Partial Complete		Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11, Ph 2,5 survey completed on 9/29 for gas line . Phase 2 fencing report issued to CEC on 8/3/11
92	BIO	BIO-9b	CONS	SPECIAL-STATUS INVERTEBRATE IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Report monthly to the CPM, CDFG, and USFWS for the duration of construction on the implementation of listed branchiopod habitat avoidance and minimization measures.	MCR	Monthly	On-going	NA	In-progress	
93	BIO	BIO-9c	CONS	SPECIAL-STATUS INVERTEBRATE IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of construction, provide to the CDFG, USFWS, and CPM a written construction termination report identifying how impact minimization measures have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	

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94	BIO	BIO-10a	PC	CALIFORNIA TIGER SALAMANDER (CTS) AND CALIFORNIA RED-LEGGED FROG (CRLF) IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN: The project owner, in consultation with the Designated Biologist, shall prepare and implement a Management Plan, that presents measures to manage the construction site, and related facilities, in a manner to avoid and minimize impacts to CRLF and CTS. The measures should be developed in coordination with the CDFG and USFWS, shall be approved by the CPM (in consultation with the USFWS and CDFG), and shall include, at a minimum, criteria (1) through (2) of this condition [BIO-10].	No less than 30 days prior to the start of any project-related ground disturbance, provide a final Management Plan to the CPM, CDFG, and USFWS. The final, approved Management Plan shall be incorporated into the BRMIMP within 10 days of completion of the plan, and implemented.	Final CRLF & CTS Management Plan	At least 30 days prior to the start of ground disturbance	Complete	6/1/2011	Complete	
95	BIO	BIO-10b	PC	CTS AND CRLF IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	No less than 10 days prior to the start of any ground disturbing activities or construction equipment staging, provide the CPM a letter-report describing the findings of the pre-construction surveys and containing the information described in this condition.	Letter Report	At least 10 days prior to ground disturbing activities	Partial Complete		Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11, Ph 2,5 survey completed on 9/29 for gas line . Phase 2 fencing report issued to CEC on 8/3/11
96	BIO	BIO-10c	CONS	CTS AND CRLF IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	Report monthly to the CPM, CDFG and USFWS for the duration of construction on the implementation of CTS and CRLF avoidance and minimization measures.	MCR	Monthly	On-going	NA	In-progress	
97	BIO	BIO-10d	CONS	CTS AND CRLF IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	Within 30 days after completion of construction, provide to the CDFG and CPM a written construction termination report identifying how mitigation measures described in the plan have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
98	BIO	BIO-10e	CONS	CTS AND CRLF IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	Within 60 days of completion of the permanent power plant site fence, submit a figure and photographs to the CPM, CDFG, and USFWS of the CTS and CRLF barrier fence.	Figure / Photographs of barrier fence	Within 60 days of completion of the permanent power plant site fence	07/30/12		Not Started	
99	BIO	BIO-11a	PC	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction surveys shall be conducted concurrent with CRLF and CTS pre-construction surveys. Western pond turtles shall be avoided to the extent possible. Avoidance areas shall be delineated by exclusionary fencing. If western pond turtles are found within project disturbance area that cannot be avoided, they shall be relocated to the CPM (in consultation with CDFG)-approved site.	Submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed impact minimization measures.	Survey Report	At least 10 days prior to ground disturbing activities	Partial Complete		Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11, Ph 2,5 survey completed on 9/29 for gas line . Phase 2 fencing report issued to CEC on 8/3/11

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100	BIO	BIO-11b	CONS	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of construction of the project linears, the project owner shall provide to the CDFG and CPM a written construction termination report identifying how impact minimization measures have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
101	BIO	BIO-12a	PC	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN: Implement the measures in this condition [BIO-12] to manage the construction site, and related facilities, in a manner to avoid or minimize impacts to breeding and foraging burrowing owls. Measures include pre-construction surveys, avoidance measures, and a mitigation plan.	The Designated Biologist shall provide to the CPM and CDFG pre-construction survey results within 10 days of the completion of the survey.	Survey Report	Within 10 days of completion of the burrowing owl pre-construction survey.	Partial Complete	5/31/2011	Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11, Ph 2,5 survey completed on 9/29 for gas line . Phase 2 fencing report issued to CEC on 8/3/11
102	BIO	BIO-12b	PC	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	If pre-construction surveys detect burrowing owls within 500 feet of proposed construction activities, the Designated Biologist shall provide to the CPM and CDFG documentation indicating that non-disturbance buffer fencing has been installed no less than 10 days prior to the start of any project-related site disturbance activities. The documentation shall include both a figure and photographs showing the location of the fencing.	Non-disturbance buffer fencing installation documentation	At least 10 days prior to ground disturbing activities	Partial Complete	5/31/2011	Partial Complete	Phase 2 fencing report issued to CEC on 8/3/11
103	BIO	BIO-12c	PC	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	If pre-construction surveys detect burrowing owls or active burrowing owl burrows within the project disturbance area, a final Burrowing Owl Mitigation Plan shall be provided to the CPM and CDFG no less than 10 days prior to the start of construction. The measures described in the plan shall be incorporated into the BRMIMP no less than 10 days of completion of the plan, and implemented.	Final BUOW Mitigation Plan	At least 10 days prior to ground disturbing activities	Complete	5/31/2011	Complete	
104	BIO	BIO-12d	CONS	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	The project owner shall report monthly to the CPM and CDFG for the duration of construction on the implementation of burrowing owl avoidance and minimization measures.	MCR	Monthly	On-going	NA	In-progress	
105	BIO	BIO-12e	CONS	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN: Implement the measures in this condition [BIO-12] to manage the construction site, and related facilities, in a manner to avoid or minimize impacts to breeding and foraging burrowing owls. Measures include pre-construction surveys, avoidance measures, and a mitigation plan.	Within 30 days after completion of construction, provide to the CDFG and CPM a written construction termination report identifying how mitigation measures, including those measures described in the mitigation plan, if a plan was required, have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	

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106	BIO	BIO-13a	PC	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction surveys shall be conducted concurrent with the San Joaquin kit fox and burrowing owl pre-construction surveys. Surveys shall be conducted as described in this condition [BIO-13]. Den avoidance, monitoring, and destruction methods shall adhere to those prescribed for San Joaquin kit fox in Condition BIO-14.	Submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed impact minimization measures.	Survey Report	At least 10 days prior to ground disturbing activities	Partial Complete	6/1/2011	Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11, Ph 2,5 survey completed on 9/29 for gas line . Phase 2 fencing report issued to CEC on 8/3/11
107	BIO	BIO-13b	CONS	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of construction of the project, provide to the CDFG and CPM a written construction termination report identifying how impact minimization measures have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
108	BIO	BIO-14a	PC	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN: Prepare and implement a San Joaquin kit fox Management Plan that includes pre-construction surveys, exclusion zones, destruction of dens guidance, and other construction and operational requirement measures, as described in this condition [BIO-14]. The measures shall be developed in cooperation with USFWS and CDFG.	Submit to the CPM, CDFG, and USFWS the final San Joaquin Kit Fox Management Plan no less than 30 days prior to the start of ground disturbing activities or construction equipment staging. The mitigation measures in the final San Joaquin Kit Fox Management Plan shall be incorporated into the BRMIMP within 10 days of completion of the plan, and implemented.	Final San Joaquin Kit Fox Management Plan	At least 30 days prior to the start of ground disturbance	Complete	6/1/2011	Complete	
109	BIO	BIO-14b	PC	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	The project owner shall submit the resume and qualifications of the proposed biologist(s) to the CDFG and USFWS for review and comment and the CPM for approval no less than 30 days prior to the start of preconstruction surveys	See BIO-1a	At least 30 days prior to the start of preconstruction surveys	Complete	4/29/2011	Complete	
110	BIO	BIO-14c	PC	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	The project owner shall submit a report to the CPM and CDFG at least 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed minimization measures.	Survey Report	At least 10 days prior to ground disturbing activities	Partial Complete	6/1/2011	Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11, Ph 2,5 survey completed on 9/29 for gas line . Phase 2 fencing report issued to CEC on 8/3/11
111	BIO	BIO-14d	CONS	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	No less than 30 days after completion of construction of the project linears, the project owner shall provide to the USFWS, CDFG, and CPM a written construction termination report identifying how impact minimization measures in the plan have been completed.	Construction Closure Report	Within 30 days after completion of construction of project linears	3/2/2012		Not Started	

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112	BIO	BIO-15a	PC	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES: If construction is proposed during the Swainson's hawk breeding season (March-August), a pre-construction nest survey shall be conducted within 30 days prior to the beginning of construction activities by a qualified biologist in order to identify active nests in the project site vicinity. Surveys shall be conducted as described in this condition [BIO-15].	Submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging, that describes when Swainson's hawk surveys were completed, identification and qualifications of the biologist conducting the surveys, observations, and, if required, updates to the BRMIMP based upon findings.	Survey Report	At least 10 days prior to ground disturbing activities	Partial Complete	6/2/2011	Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11, Ph 2,5 survey completed on 9/29 for gas line . Phase 2 fencing report issued to CEC on 8/3/11
113	BIO	BIO-15b	PC	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES: If active nests are found within 1/2 mile of the project disturbance area, an initial temporary nest disturbance buffer shall be established. If project related activities within the temporary nest disturbance buffer are determined to be necessary during the nesting season (approximately March 1 and September 1), then a biologist experienced with raptor behavior shall be retained by the project owner to monitor the nest, and shall along with the project owner, consult with the CPM and CDFG	If project-related work is required within a Swainson's hawk nest buffer, the project owner shall submit the name and qualification of the proposed monitor to the CDFG for comment and the CPM for approval no less than 30 days prior to disturbance within the nest buffer. The designated biologist shall contact the CPM and CDFG within 2 days of a work stoppage due to disturbance to the nesting Swainson's hawks	Biologist Name/Quals	At least 30 days prior to disturbance within the nest buffer	Complete	4/29/2011	Complete	
114	BIO	BIO-15C	CONS	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES	No less than 30 days after completion of construction within the nest buffer, the project owner shall provide to the CDFG and CPM a written construction termination report identifying the results of monitoring during disturbance within the nest buffer.	Construction Closure Report	Within 30 days after completion of construction within the nest buffer	7/14/2012		Not Started	
115	BIO	BIO-16a	PC	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS: In order to mitigate for impacts to wetlands and habitat loss and potential take of listed species, provide compensatory mitigation at the ratios listed in Table 16 of this condition [BIO-16]. Provide Security as described in Section A of this condition, or purchase credits in an approved conservation bank, as described in Section B.	If the mitigation actions required under Section A or Section B of this condition are not completed prior to the start of ground-disturbing activities, provide the CPM with an approved Security in accordance with this condition, no less than 30 days prior to beginning project ground-disturbing activities.	Required Mitigation Actions or Approved Security	At least 30 days prior to the start of ground disturbing activities	Complete	5/23/2011	Complete	
116	BIO	BIO-16b	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: Agreements to delegate land acquisition to an approved third party shall be implemented within 6 months of the start of project ground-disturbing activities.	Third Party Agreements	Within 6 months of the start of ground disturbing activities	N/A	NA	N/A	MEP is providing Mitigation under Section B
117	BIO	BIO-16c	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: If the project owner elects to delegate land acquisition prior to project construction, the project owner shall provide to the CPM, CDFG, and USFWS a delegation proposal, as described in this condition, and shall obtain approval from the CPM, in consultation with CDFG and USFWS, prior to delegation or transfer of funds.	Delegation Proposal	Prior to delegation or transfer of funds for wetland and special-status species mitigation	N/A	NA	N/A	MEP is providing Mitigation under Section B

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118	BIO	BIO-16d	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: No less than 90 days prior to acquisition of the property, submit a formal acquisition proposal to the CPM, CDFG, USFWS, describing the parcels intended for purchase and obtain approval from the CPM, CDFG and USFWS, prior to the acquisition.	Formal Acquisition Proposal	At least 90 days prior to acquisition of wetlands and special-status species mitigation property	N/A	NA	N/A	MEP is providing Mitigation under Section B
119	BIO	BIO-16e	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: Provide written verification to the CPM, CDFG, and USFWS of the compensation lands acquisition and transfer within 18 months of the start of project ground-disturbing activities, or prior to commercial operation, whichever occurs first.	Verification of Compensation Lands Acquisition	Within 18 months of the start of project ground disturbing activities, or prior to commercial operation, whichever occurs first.	N/A	NA	N/A	MEP is providing Mitigation under Section B
120	BIO	BIO-16f	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: Provide the CPM, CDFG, and USFWS with a Compensation Lands Management Plan, for approval, within 180 days of the land or easement purchase, as determined by the date on the title. If additional long-term management fees are required, these fees shall be paid by the project owner no more than 90 days from approval of the Management Plan.	Compensation Lands Management Plan & Fees	Within 180 days of the wetlands and special-status species mitigation land or easement purchase	N/A	NA	N/A	MEP is providing Mitigation under Section B
121	BIO	BIO-16g	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A or B: Within 90 days after completion of all project related ground disturbance, provide to the CPM, CDFG, and USFWS an analysis, based on aerial photography, with the final accounting of the amount of habitat disturbed during project construction. This shall be the basis for the final number of acres required to be acquired.	Final account of habitat disturbed during construction	Within 90 days after completion of all project related ground disturbance	8/29/2012		Not started	MEP is providing Mitigation under Section B
122	BIO	BIO-16h	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section B: No less than 90 days prior to purchase of credits, submit to the CPM and CDFG for review and approval and the USFWS for review and comment the proposed conservation bank(s), species to be mitigated at the bank, and evidence that credits are available for purchase.	Proposed Conservation Bank, Species and available credits	At least 90 days prior to purchase of wetland and special-status species mitigation credits	3/3/2012		As-needed	
123	BIO	BIO-16i	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section B: Complete and provide written verification, as specified in this condition, to the CPM, CDFG, and USFWS of the credit purchase within 18 months of the start of project ground-disturbing activities, or prior to commercial operation, whichever occurs first.	Verification of Credit Purchase	Within 18 months of the start of project ground-disturbing activities, or prior to commercial operation, whichever occurs first	5/31/2012		As-needed	

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124	BIO	BIO-17a	PC	WATERS AND WETLANDS IMPACT AVOIDANCE AND MINIMIZATION MEASURES: To avoid and minimize impacts to wetlands and waters, implement measures (1) through (11) of this condition [BIO-17].	No less than 10 days prior to ground disturbance, provide the CPM, CDFG, and USFWS with a report identifying the location of any protective fencing, including a figure and photographs that show the fencing.	Fencing Report & Figures	At least 10 days prior to ground disturbing activities	Partial Complete	4/29/2011	Partial Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11 and Ph 2 on 7/21/11. Gas line surveys still to be completed. Phase 2 fencing report issued to CEC on 8/3/11
125	BIO	BIO-17b	PC	WATERS AND WETLANDS IMPACT AVOIDANCE AND MINIMIZATION MEASURES	If bentonite will be used, an Emergency Spill Response Plan, "Frac out" Monitoring Plan, and a Biological Monitoring Plan shall be submitted to the CDFG for review and comment and to the CPM for approval no less than 30 days prior to the start of project ground-disturbing activities. Plan approval shall be required before construction using bentonite may commence.	If Bentonite - Emergency Spill Response Plan, "Frac out" Monitoring Plan, and a Biological Monitoring Plan	At least 30 days prior to the start of ground disturbance	Complete		Complete	Not Using Bentonite
126	BIO	BIO-17c	CONS	WATERS AND WETLANDS IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Report monthly to the CPM, CDFG and USFWS for the duration of construction on the implementation avoidance and minimization measures.	MCR	Monthly	On-going	NA	In-progress	
127	BIO	BIO-17d	CONS	WATERS AND WETLANDS IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of construction the project owner shall provide to the USFWS, CDFG and CPM a written construction termination report identifying how mitigation measures have been completed.	Construction Closure Report	Within 30 days after completion of construction	7/14/2012		Not Started	
128	BIO	BIO-18	CONS	REVEGETATION AND RESTORATION: Revegetate all temporarily affected areas, as described in measures (1) through (4) of this condition [BIO-18].	Within 30 days after completion of restoration, provide to the USFWS, CDFG and CPM a written report identifying revegetation has been completed.	Revegetation Report	Within 30 days after completion of restoration	6/30/2012		In progress	Revised plan resubmitted on 11/15/11, approved on 12/1/11
129	CUL	CUL-1a	PC	Obtain the services of an on-call Cultural Resources Specialist (CRS) and, if needed, Cultural Resources Monitors (CRMs) and other technical specialists. The CRS shall perform duties as described in this condition [CUL-1]. No ground disturbance shall occur prior to Compliance Project Manager (CPM) approval of the CRS and alternates, unless such activities are specifically approved by the CPM.	At least 45 days prior to the start of ground disturbance, submit the resume for the CRS, and alternate(s) if desired, to the CPM for review and approval. At least 10 days prior to the start of ground disturbance, confirm in writing to the CPM that the approved CRS will be available for onsite work and is prepared to implement the cultural resources conditions.	CRS & Alternates Resume / Confirmation of onsite CRS	At least 45 days prior to the start of ground disturbance	Complete	4/19/2011	Complete	

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130	CUL	CUL-1b	CONS	Obtain the services of an on-call CRS and, if needed, CRMs and other technical specialists. The CRS shall perform duties as described in this condition [CUL-1]. No ground disturbance shall occur prior to CPM approval of the CRS and alternates, unless such activities are specifically approved by the CPM.	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS, submit the resume of the proposed new CRS to the CPM for review and approval. At the same time, also provide to the proposed new CRS the AFC and all materials described in this condition. If the CRS is terminated and there is no alternate CRS in place to conduct the duties of the CRS, a previously approved monitor may serve in place of a CRS so that project-related ground disturbance may continue up to a maximum of 3 days without a CRS. If cultural resources are discovered then ground disturbance will remain halted until there is a CRS or alternate CRS to make a recommendation regarding significance.	(If Needed)	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS	As-needed	NA	As-needed	
131	CUL	CUL-1c	PC	--	At least 20 days prior to ground disturbance, the CRS shall provide a letter naming anticipated CRMs for the project and stating that the identified CRMs meet the minimum qualifications for cultural resources monitoring required by this condition. At least 5 days prior to additional CRMs beginning on-site duties during the project, the CRS shall provide additional letters to the CPM identifying the CRMs and attesting to their qualifications.	Letter	At least 20 days prior to ground disturbance	Complete	5/16/2011	Complete	
132	CUL	CUL-1d	CONS	--	At least 10 days prior to any technical specialists beginning tasks, the resume(s) of the specialists shall be provided to the CPM for review and approval.	As needed technical specialists Quals	At least 10 days prior to any technical specialists beginning tasks	As-needed	NA	As-needed	
133	CUL	CUL-2a	PC	Prior to the start of ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition [CUL-2]. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 40 days prior to the start of ground disturbance, provide the AFC, data responses, and confidential cultural resources documents to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities. At least 15 days prior to the start of ground disturbance (of each phase of a phased project), if there are changes to any project-related footprint, provide revised maps and drawings for the changes to the CRS and CPM.	Maps and drawings	At least 40 days prior to the start of ground disturbance	Complete	5/4/2011	Complete	

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134	CUL	CUL-2b	CONS	Prior to the start of ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition [CUL-2]. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Weekly during ground disturbance, a current schedule of anticipated project activity shall be provided to the CRS and CPM by letter, e-mail, or fax. Within 5 days of changing the scheduling of phases of a phased project, provide written notice of the changes to the CRS and CPM.	Current schedule	Weekly during ground disturbance	On-going	NA	In-progress	
135	CUL	CUL-3a	PC	Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS and as described in this condition [CUL-3], to the CPM for review and approval. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	Upon approval of the CRS proposed by the project owner, the CPM will provide to the CRS an electronic copy of the draft model CRMMP. At least 30 days prior to the start of ground disturbance, submit the CRMMP to the CPM for review and approval.	Draft CRMMP	At least 30 days prior to the start of ground disturbance	Complete	5/31/2011	Complete	Revised CRMMP submitted 6/21/11
136	CUL	CUL-3b	PC	--	At least 30 days prior to the start of ground disturbance, a letter shall be provided to the CPM indicating that the project owner agrees to pay curation fees for any materials collected as a result of the archaeological investigations (survey, monitoring, testing, data recovery).	Letter confirming agreement to pay curation fees	At least 30 days prior to the start of ground disturbance	Complete	3/29/2011	Complete	
137	CUL	CUL-3c	CONS	Copies of the CRMMP shall reside with the CRS, alternate CRS, each CRM, and the project owner's on-site construction manager.	CRMMP	--	Throughout Construction	On-going		In-progress	
138	CUL	CUL-4a	CONS	Submit the final Cultural Resources Report (CRR) to the CPM for approval, if preparation of a CRR becomes necessary. The final CRR shall be prepared as described in this condition [CUL-4].	Within 90 days after completion of ground disturbance (including landscaping), submit the final CRR 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.	Final CRR	Within 90 days after completion of ground disturbance	08/29/12		Not Started	
139	CUL	CUL-4b	CONS	--	Within 90 days after completion of ground disturbance, if cultural materials requiring curation were collected, the project owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the California State Historical Resources Commission's Guidelines for the Curation of Archaeological Collections, to accept cultural materials, if any, from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	Commitment from Curation Facility	Within 90 days after completion of ground disturbance, Only if materials were collected during grading	TBD		Not Started	

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140	CUL	CUL-4c	CONS	--	Within 10 days after CPM approval of the CRR, provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies of project-related reports.	Confirmation that CRR has been provided to required agencies	Within 10 days after CPM approval of the CRR	TBD		Not Started	
141	CUL	CUL-4d	CONS	If the project owner requests a suspension of ground disturbance and/or 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 ground disturbance and/or 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.	Within 30 days after requesting a suspension of construction activities, submit a draft CRR to the CPM for review and approval.	Draft CRR	Within 30 days after requesting a suspension of construction activities	TBD		Not Started	
142	CUL	CUL-5a	PC	Prior to and for the duration of ground disturbance, provide Worker Environmental Awareness Program (WEAP) training, as described in the condition [CUL-5] to all new workers within their first week of employment.	At least 30 days prior to the beginning of ground disturbance, the CRS shall provide the training program draft text and graphics and the informational brochure to the CPM for review and approval. At least 15 days prior to the beginning of ground disturbance, the CPM will provide to the project owner a WEAP Training Acknowledgment form for each WEAP-trained worker to sign.	Draft WEAP	At least 30 days prior to the beginning of ground disturbance	Complete	4/19/11 4/19/11	Complete	
143	CUL	CUL-5b	CONS	--	Monthly, until ground disturbance is completed, provide in the Monthly Compliance Report (MCR) the WEAP Training Acknowledgment forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	Signed WEAP Training Forms	Monthly	On-going	NA	In-progress	

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144	CUL	CUL-6a	PC	The CRS, alternate CRS, or CRMs shall monitor full time, as described in this condition [CUL-6], all ground disturbances in the area where a CRHR-eligible cultural resources discovery has been made. The CRMs shall keep a daily log of monitoring and other cultural resources activities, as specified in this condition. As described in this condition, archaeological monitoring of all earth-moving activities shall be implemented, if deemed necessary, in the areas specified in this condition, for as long as the CPM requires. The research design in the CRMMP shall govern the collection, treatment, retention/disposal, and curation of any archaeological materials encountered during archaeological monitoring. From the daily monitoring logs, the CRS shall compile a monthly monitoring summary report to be included in the MCR, as specified in this condition.	At least 30 days prior to the start of ground disturbance, the CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log.	Daily Monitoring Log	30 Days Prior to Start of Ground Disturbance	Complete	4/19/2011	Complete	
145	CUL	CUL-6b	CONS	--	Monthly, while monitoring is on-going, include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS and attach any new DPR 523A forms completed for finds treated prescriptively, as specified in the CRMMP.	MCR	Monthly	On-going	NA	In-progress	
146	CUL	CUL-6c	CONS	In the event that the CRS believes that a current level of monitoring is not appropriate, a letter or e-mail detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring.	At least 24 hours prior to implementing a proposed change in monitoring level, submit to the CPM, for review and approval, a letter or e-mail detailing the CRS's justification for changing the monitoring level.	(If Needed)	At least 24 hours prior to implementing a proposed change in monitoring level	As-needed	NA	As-needed	
147	CUL	CUL-6d	CONS	The CRS or alternate CRS shall report daily to the CPM on the status of the project's cultural resources-related activities, unless reducing or ending daily reporting is requested by the CRS and approved by the CPM.	Daily, as long as no cultural resources are found, the CRS shall provide a statement that "no cultural resources over 50 years of age were discovered" to the CPM as an e-mail or in some other form of communication acceptable to the CPM.	Statement of non-discovery		Daily		Not Started	
148	CUL	CUL-6e	CONS	--	At least 24 hours prior to reducing or ending daily reporting, submit to the CPM, for review and approval, a letter or e-mail (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Written Justification	At least 24 hours prior to reducing or ending daily reporting	TBD		Not Started	

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149	CUL	CUL-6f	CONS	An effort shall be made, as specified in this condition, to obtain a Native American representative to monitor ground disturbance in areas where Native American artifacts may be discovered.	No later than 30 days following the discovery of any Native American cultural materials, submit to the CPM copies of the information transmittal letters sent to the Chairpersons of the Native American tribes or groups who requested the information. Additionally, submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	(If Needed)	Within 30 days after discovery of Native American cultural materials	As-needed	NA	As-needed	
150	CUL	CUL-6g	CONS	--	Within 15 days of receiving them, submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	(If Needed)	Within 15 days of receiving comments or information provided by Native Americans	As-needed	NA	As-needed	
151	CUL	CUL-6h	CONS	The CRS, may informally discuss cultural resource activities with Energy Commission technical staff. Any interference with monitoring activities, removal of a monitor from duties assigned by the CRS, or direction to a monitor to relocate monitoring activities by anyone other than the CRS shall be considered non compliance. Upon becoming aware of any incidents of non-compliance, the CPM shall be notified within 24 hours. The CRS shall also recommend corrective action.	-	(If Needed)	Within 24 hours of non-compliance	As-needed	NA	As-needed	
152	CUL	CUL-6i	CONS	If an incident of non-compliance occurs, when the issue is resolved, the CRS shall write a report describing the issue, the resolution of the issue, and the effectiveness of the resolution measures. This report shall be provided in the next MCR for the review of the CPM.	-	(If Needed)	The next MCR after a non-compliance issue occurs	As-needed	NA	As-needed	
153	CUL	CUL-7a	PC	The CRS, alternate CRS, and CRMs shall have authority to halt project-related ground disturbance in the event of a cultural resource discovery. Employees are to halt work on their own in the vicinity of a potential cultural resource discovery and shall contact their supervisor and the CRS or CRM.	At least 30 days prior to the start of ground disturbance, provide the CPM and CRS with a letter confirming that the CRS, alternate CRS, and CRMs have the authority to halt project-related ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	Letter of confirmation	At least 30 days prior to the start of ground disturbance	Complete	3/29/2011	Complete	

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154	CUL	CUL-7b	CONS	In the event of a discovery, the halting or redirection of ground disturbance shall remain in effect until the CRS has visited the discovery, and measures (1) through (4) of this condition [CUL-7] have occurred.	Within 48 hours of the discovery of an archaeological or ethnographic resource, the project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of such a discovery.	(If Needed)	Within 48 hours of the discovery of an archaeological or ethnographic resource	As-needed	NA	As-needed	
155	CUL	CUL-7c	CONS	--	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval no later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	(If Needed)	Within 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever the CRS decides is more appropriate	As-Needed	NA	As-needed	
156	CUL	CUL-8a	CONS	If fill soils must be acquired from or disposed to a non-commercial borrow site without a less-than-five-year-old survey, the CRS shall survey the site(s) for cultural resources and record on DPR 523 forms any that are identified.	As soon as the project owner knows that a non-commercial borrow site and/or disposal site will be used, he/she shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to CRS & CPM/ Previous surveys	As soon as the project owner knows that a non-commercial borrow site and/or disposal site will be used	As-needed	NA	As-needed	
157	CUL	CUL-8b	CONS	When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, other conditions shall apply. The CRS shall report on the methods and results of these surveys in the final CRR	In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site/s for archaeological resources. The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Notification of survey results & recommendations	At least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites	As-needed	NA	As-needed	
158	HAZ	HAZ-1	OPS	Any hazardous materials not listed in Appendix B shall not be used, or in greater quantities or strengths than those identified by chemical name in Appendix B, unless approved in advance by the CPM.	Provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	ACR	Annually	On-going		Not Started	
159	HAZ	HAZ-2b	CONS	Copies of the final Business Plan, SPCC Plan, and RMP shall be provided to the ACDEH and the Alameda County Fire Department (ACFD) for information and to the CPM for approval.	At least 30 days prior to delivery of aqueous ammonia to the site, provide the final RMP to the ACDEH and the ACFD for information and to the CPM for approval.	Final HMBP, SPCC and RMP	At least 30 days prior to receiving any hazardous material / aqueous ammonia on the site	2/1/2012		Not Started	
160	HAZ	HAZ-3	CONS	Develop and implement a Safety Management Plan, as outlined in this condition [HAZ-3] for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, provide a Safety Management Plan as described in this condition to the CPM for review and approval.	Safety Management Plan	At least 30 days prior to the delivery of any liquid hazardous material to the facility	2/1/2012		Not Started	

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161	HAZ	HAZ-4	CONS	The aqueous ammonia storage facility shall be designed to either the ASME Pressure Vessel Code and ANSI K61.6 or to API 620, as described in this condition [HAZ-4].	At least 60 days prior to delivery of aqueous ammonia to the facility, submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the CPM for review and approval.	Final design drawings/specs of ammonia storage tank & secondary containment	At least 60 days prior to delivery of aqueous ammonia to the facility	12/7/2011	12/30/2011		Package resubmitted under HAZ-4 on 11/25/11 for CBO approval. Approved by the CBO on 12/6/11. Package submitted to CEC for approval on 12/7/11.
162	HAZ	HAZ-5	CONS	All vendors delivering aqueous ammonia to the site shall use only tanker truck transport vehicles which meet or exceed the specifications of DOT Code MC-307.	At least 30 days prior to receipt of aqueous ammonia on site, submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	Notification letters re: transport vehicle specs	At least 30 days prior to receipt of aqueous ammonia on site	2/1/2012		Not Started	
163	HAZ	HAZ-6	PC	Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include items (1) through (3) of this condition [HAZ-6].	At least 30 days prior to commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Notification of Security Plan Availability	At least 30 calendar days prior to start of construction	Complete	5/16/2011	Complete	
164	HAZ	HAZ-7a	CONS	Prepare a site-specific security plan, as described in this condition [HAZ-7], for the commissioning and operational phases that will be available to the CPM for review and approval. The level of security to be implemented shall not be less than that described in (1) through (6) of this condition (as per NERC 2002). Fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans.	At least 30 days prior to the initial receipt of hazardous materials on site, notify the CPM that a site-specific operations site security plan is available for review and approval.	Notification of Site Specific Operations Security Plan Availability	At least 30 days prior to the initial receipt of hazardous materials on site	2/1/2012		Not Started	
165	HAZ	HAZ-7b	OPS	Revise the existing or prepare a new site-specific security plan, as described in this condition [HAZ-7], for the commissioning and operational phases that will be available to the CPM for review and approval. The level of security to be implemented shall not be less than that described in (1) through (6) of this condition (as per NERC 2002). Fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans.	In the annual compliance report, 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, include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	ACR	Annually	On-going		Not Started	

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166	HAZ	HAZ-8a	CONS	The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging shall be used. Exceptions to any of these provisions will be made only if no other satisfactory method is available, and then only with the approval of the CPM.	At least 30 days before any fuel gas pipe cleaning activities involving fuel gas pipe of four-inch or greater external diameter, submit a copy of the Fuel Gas Pipe Cleaning Work Plan which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before fuel gas pipe cleaning activities	1/1/2012		Not Started	
167	HAZ	HAZ-8b	OPS	The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging shall be used. Exceptions to any of these provisions will be made only if no other satisfactory method is available, and then only with the approval of the CPM.	At least 30 days before any fuel gas pipe cleaning activities involving fuel gas pipe of four-inch or greater external diameter, submit a copy of the Fuel Gas Pipe Cleaning Work Plan which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before fuel gas pipe cleaning activities	As-needed or as required by regulatory authority		Not Started	
168	LAND	LAND-1a	PC	The water supply pipeline on the Byron Bethany Irrigation District (BBID) property shall be constructed in compliance with BBID standards, including a minimum three foot cover. Construction shall be scheduled so as not to conflict with agricultural operations.	At least 30 calendar days prior to start of construction, submit to the CPM for review and approval, (1) documentation showing construction of the section of water supply pipeline on the BBID property will be carried out consistent with BBID's standards for pipeline construction and (2) a construction schedule that does not conflict with the agricultural use of the land.	Documentation re: Water Pipeline & construction schedule	At least 30 calendar days prior to start of construction	Complete	4/28/2011	Complete	
169	LAND	LAND-1b	CONS	Once construction of the water supply pipeline has been completed, the land shall be returned to pre-construction site conditions.	Once construction is completed, submit to the CPM documentation showing the area disturbed by construction activities has been returned to pre-construction conditions.	Documentation re: restored area	Once construction is completed	2/17/2012		Not Started	
170	LAND	LAND-2	CONS	Provide year-round water supply for grazing livestock on the remaining 146 acres of the subject property for the life of the project.	At least 30 calendar days prior to start of operation submit to the CPM evidence that a year-round water supply for livestock has been installed and water supply is maintained on a monthly basis for the life of the project.	Evidence of livestock water supply	At least 30 calendar days prior to start of Operation	5/2/2012		Not Started	

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171	LAND	LAND-3	OPS	Reseed the temporary construction laydown area on the project property with an improved seed mix over what site conditions currently provide.	Within 120 calendar days after commercial operation, submit to the CPM evidence that the construction laydown area has been re-seeded and a management plan that ensures the re-seeded area will be maintained and suitable for grazing for the life of the project.	Evidence of laydown area re-seeding / Management Plan	Within 120 calendar days after commercial operation	9/29/2012		In Progress	Revegetation plan drafted as part of VIS-2, submitted to CEC on 10/31/11, approved on 12/1/11.
172	LAND	LAND-4	PC	Communication devices used by the project that operate over radio frequencies shall not conflict with frequencies used by Byron Airport and the surrounding airports; specifically frequencies 114 through 117, 123, 203, and 374 MHz shall be avoided.	At least 30 days prior to project construction, provide documentation to the Director of Airports with Contra Costa County for review and comment and to the CPM for review and approval, showing project communication devices will not conflict with the frequencies used by the Byron Airport and surrounding airports. Any comments received from the Director of Contra Costa County Airports shall be forwarded to the CPM without delay.	Documentation re: no conflicts with project communication devices / Airport director comments	At least 30 calendar days prior to start of construction	Complete	4/8/2011	Complete	
173	NOISE	NOISE-1	PC	PUBLIC NOTIFICATION PROCESS: Prior to the demolition of the existing structures at the project site, notify all residents and business owners within one mile of the project site boundaries and within ½-mile of the linear facilities, of the commencement of project construction. Establish a telephone number, as outlined in this condition [NOISE-1] for use by the public to report any undesirable noise conditions.	At least 15 days prior to the start of demolition, transmit to the CPM a statement, signed by the project owner's project manager, stating that the notification has been performed, and describing the method of that notification. This communication shall also verify that the telephone number has been established and posted at the site, and shall provide that telephone number.	Statement of notification completion & establishment of telephone number	At least 15 days prior to the start of demolition	Complete	5/16/2011 5/23/11	Complete	
174	NOISE	NOISE-2a	CONS	NOISE COMPLAINT PROCESS: Throughout the demolition, construction and operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints, as outlined in this condition [NOISE-2].	Within five days of receiving a noise complaint, file a Noise Complaint Resolution Form, with both the local jurisdiction and the CPM, that documents the resolution of the complaint. If mitigation is required to resolve a noise complaint, and the complaint is not resolved within a three-day period, submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	On-going	NA	In-progress	

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175	NOISE	NOISE-2b	OPS	NOISE COMPLAINT PROCESS: Throughout the demolition, construction and operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints, as outlined in this condition [NOISE-2].	Within five days of receiving a noise complaint, file a Noise Complaint Resolution Form, with both the local jurisdiction and the CPM, that documents the resolution of the complaint. If mitigation is required to resolve a noise complaint, and the complaint is not resolved within a three-day period, submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	On-going	NA	Not Started	
176	NOISE	NOISE-3	PC	EMPLOYEE NOISE CONTROL PROGRAM: Submit to the CPM for review and approval a noise control program to reduce employee exposure to high (above permissible) noise levels during construction in accordance to the applicable OSHA and Cal-OSHA standards.	At least 30 days prior to the start of demolition, submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	Noise Control Program	At least 30 days prior to the start of demolition	Complete	4/21/2011	Complete	
177	NOISE	NOISE-4a	CONS	NOISE RESTRICTIONS: The project design and implementation shall include appropriate noise mitigation measures as described in this condition [NOISE-4].	The 25-hour community noise survey shall take place within 30 days of the project first achieving a sustained output of 90% or greater of rated capacity.	--	Within 30 days of the project first achieving a sustained output of 90% or greater of rated capacity	TBD		Not Started	
178	NOISE	NOISE-4b	CONS	NOISE RESTRICTIONS	Within 15 days after completing the survey, submit a summary report of the survey to the CPM. Included in the survey report will be the measures described in this condition. Included in the survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit, and a schedule, subject to CPM approval, for implementing these measures.	Survey Summary Report	Within 15 days after completing the noise survey	7/8/2012		Not Started	
179	NOISE	NOISE-4c	CONS	NOISE RESTRICTIONS	When the measures are in place, repeat the noise survey. Within 15 days of completion of the new survey, submit to the CPM a summary report of the new noise survey, performed as described above and showing compliance with this condition.	(If Needed)	Within 15 days of completion of the new noise survey	As-needed	NA	Not Started	
180	NOISE	NOISE-5	CONS	OCCUPATIONAL NOISE SURVEY: Following the project's attainment of a sustained output of 90% or greater of its rated capacity, conduct an occupational noise survey to identify any noise hazardous areas in the facility. A report shall be prepared of the survey results and, if necessary, proposed mitigation measures to be employed in order to comply with the applicable California and federal regulations.	Within 30 days after completing the occupational noise survey, submit the noise survey report to the CPM. Make the report available to OSHA and Cal-OSHA upon request.	Occupational Noise Survey Report	Within 30 days after completing the occupational noise survey	7/15/2012		Not Started	

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181	NOISE	NOISE-6	PC	CONSTRUCTION RESTRICTIONS: Heavy equipment operation and noisy construction work shall be restricted to the times delineated in this condition [NOISE-6], unless the CPM in consultation with Alameda County authorizes longer hours. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies.	Prior to demolition, a statement acknowledging that the restrictions in this condition will be observed throughout the construction of the project shall be transmit to the CPM.	Statement of acknowledgement	Prior to demolition	Complete	4/14/2011	Complete	
182	SOCIO	SOCIO-1	PC	Pay the one-time statutory school facility development fee as required by Education Code Section 17620.	At least 30 days prior to the start of project construction, provide to the CPM proof of payment of the statutory development fee. The payment shall be provided to the Mountain House Elementary School District (75%)/Tracy Unified School District (25%).	Payment / Proof of payment	At least 30 calendar days prior to start of construction	Complete	5/12/2011	Complete	
183	S&W	SOIL & WATER-1a	PC	Comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) permit for discharges of storm water associated with MEP construction activity. In order to comply, develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the construction of the entire proposed project site, laydown areas, and linear areas.	At least 60 days before construction begins, submit a copy of the construction SWPPP to the Alameda County Flood Control and Water Conservation District and the Contra Costa County Grading Division for review.	Construction SWPPP	At least 60 days before construction begins	Complete	6/6/2011	Complete	Revised plan submitted 6/27/11
184	S&W	SOIL & WATER-1b	PC	SWPPP	At least 30 days before construction begins, submit copies to the CPM of all correspondence between the project owner and the Central Valley Regional Water Quality Control Board (RWQCB) regarding the General NPDES permit, including copies of the Notice of Intent and the Notice of Termination for project construction.	Copies of Correspondence	At least 30 calendar days prior to start of construction	Complete	6/1/2011	Complete	Revised plan submitted 6/27/11
185	S&W	SOIL & WATER-2a	PC	Prior to site mobilization, obtain CPM approval for a site-specific Drainage, Erosion, and Sedimentation Control Plan (DESCP) for both the construction and operation. The DESCP shall contain the elements outlined in this condition [SOIL&WATER-2].	No later than 90 days prior to start of site mobilization, submit a copy of the DESCP to Alameda County for review and comment.	Draft DESCP	At least 90 days prior to the start of site mobilization	Complete	3/8/2011	Complete	Revised plan submitted 6/27/11
186	S&W	SOIL & WATER-2b	PC	DESCP	A copy of the DESCP shall be submitted to the CPM no later than 60 days prior to the start of site mobilization for review and approval. The CPM shall consider comments received from Alameda County.	Draft DESCP w/ County Comments	At least 60 days prior to the start of site mobilization	Complete	6/6/2011	Complete	

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187	S&W	SOIL & WATER-2c	CONS	DESCP	During construction, provide an analysis in the monthly compliance report on the effectiveness of the drainage-, erosion- and sediment-control measures and the results of monitoring and maintenance activities.	MCR	Monthly	On-going	NA	In-progress	
188	S&W	SOIL & WATER-2d	OPS	DESCP	Once operational, provide in the annual compliance report information on the results of stormwater BMP monitoring and maintenance activities.	ACR	Annually	On-going	NA	Not Started	
189	S&W	SOIL & WATER-3a	CONS	Comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. Develop and implement a SWPPP for the operation of the site. Ensure that only stormwater is discharged onto the site.	At least 30 days prior to commercial operation, submit the MEP operational SWPPP to the CPM.	Operation SWPPP	At least 30 days prior to commercial operation	5/2/2012		Not Started	
190	S&W	SOIL & WATER-3b	CONS	Comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. Develop and implement a SWPPP for the operation of the site. Ensure that only stormwater is discharged.	Within 10 days of mailing or receipt of the operational SWPPP, submit to the CPM any correspondence, as specified by this condition, between the project owner and the RWQCB about the general NPDES permit for discharge of storm water associated with industrial activity. This information shall include a copy of the notice of intent sent by the project owner to the State Water Resources Control Board. A letter from the RWQCB indicating that there is no requirement for a general NPDES permit for discharges of storm water associated with industrial activity would satisfy this condition.	Copies of Correspondence	Within 10 days of mailing or receipt	5/17/2012		Not Started	
191	S&W	SOIL & WATER-4a	CONS	Water used for project operation shall be raw surface water from BBID. Pumping or purchasing groundwater is prohibited. Water use shall not exceed the annual water-use limit of 187 acre-feet per year. The project owner shall monitor and record the total water used on a monthly basis, as outlined in this condition [SOIL & WATER-4]. A date shall be established for the annual compliance report (ACR) submittal, and the ACR shall include the elements described in this condition. The project owner shall work with BBID to implement a water conservation program, as outlined in this condition. The water conservation program(s) shall be provided to the CPM for review and approval. Contributions to a water conservation program are not required for use of recycled water during construction or operation.	At least 60 days prior to commercial operation, submit to the CPM evidence that metering devices have been installed and are operational on the water supply and distribution systems.	Evidence of metering device installation	At least 60 days prior to commercial operation	4/2/2012		Not Started	

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192	S&W	SOIL & WATER-4b	OPS	--	When the metering devices are serviced, tested and calibrated, provide a report summarizing these activities in the next annual compliance report. The project owner, in the annual compliance report, shall provide a Water Use Summary that states the source and quantity of raw surface water used on a monthly basis and on an annual basis in units of acre-feet. Prior annual water use including yearly range and yearly average shall be reported in subsequent annual compliance reports (ACR).	ACR	Annually	On-going	NA	Not Started	
193	S&W	SOIL & WATER-4c	PC	--	At least 30 days prior to construction, submit the water conservation program(s) by the selected local water agency(s) to the CPM for review and approval. The water conservation program shall include elements (a) through (d) of this condition [SOIL&WATER-4].	Water Conservation Program(s)	At least 30 calendar days prior to start of construction	Complete	6/6/2011	Complete	
194	S&W	SOIL & WATER-4d	CONS	--	Provide proof that the initial contribution to the water conservation program was paid to a CPM-approved water conservation program prior to site operations. Annual use payments shall be determined based upon the approved rate on per acre-foot of fresh water reported annually in the ACR.	Proof of initial contribution	Prior to Operation	6/1/2012		Not Started	
195	S&W	SOIL & WATER-4e	OPS	--	Annual use payments shall be determined based upon the approved rate on per acre-foot of fresh water reported annually in the ACR. Annual use payments to a water conservation program, confirmed by the CPM, shall be made no later than 60 days following CPM approval of the ACR.	Annual Use Payments	No later than 60 days following CPM approval of the ACR	TBD		Not Started	

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196	S&W	SOIL & WATER-4f	OPS	--	Provide data and a report to the CPM describing the water conservation program with estimates of the annual "calculated" water saved in acre-feet in the subsequent ACR. Payments for longer return period capital improvements should be accounted for using standard engineering economic analysis. Water use at MEP should also be tracked in an annual water use account. Once a long return period project is implemented and water conservation begins, water conservation should also be tracked on an annual basis. Conserved water from MEP funded projects should be deducted from the MEP water use account on an annual basis. Payment history, project funding, and MEP water use and conservation accounting shall be documented in the ACR.	ACR	Annually	On-going	NA	Not Started	
197	S&W	SOIL & WATER-5	OPS	Wastewater shall not be discharged, other than non-contact stormwater, and evidence shall be provided that industrial wastewater and contact stormwater are being disposed of at an appropriately licensed facility.	Provide evidence to the CPM of proper industrial wastewater disposal, via a licensed hauler to an appropriately licensed facility, in the annual compliance report.	ACR	Annually	On-going	NA	Not Started	
198	TRANS	TRANS-1	CONS	Roadway Use Permits and Regulations: Comply with limitations imposed by Caltrans District 4 and other relevant jurisdictions, on vehicle sizes and weights, driver licensing, and truck routes. In addition, the project owner or its contractor shall obtain necessary transportation permits from Caltrans and all relevant jurisdictions for roadway use.	In the MCRs, report permits received during that reporting period. In addition, retain copies of permits and supporting documentation on-site for CPM inspection if requested.	MCR	Monthly	On-going	NA	In-progress	Copies on file at jobsite, permit numbers included in MCR.
199	TRANS	TRANS-2a	PC	Restoration of All Public Roads, Easements, and Rights-of-Ways: Restore all public roads, easements, and rights-of-ways that have been damaged due to project-related construction activities in a timely manner. Prior to the start of site mobilization, notify the relevant jurisdictions of the proposed schedule for project construction, request that these jurisdictions consider postponement of planned activities, and coordinate any concurrent construction-related activities that cannot be postponed.	Prior to the start of site mobilization, photograph or videotape all affected public roads, easements, right-of-way segment(s), and/or intersections and provide the CPM, the affected local jurisdiction(s), and Caltrans District 4 (if applicable) with a copy of these images.	Photo/Video of pre-project road conditions	Prior to the start of site mobilization	Complete	6/8/2011	Complete	
200	TRANS	TRANS-2b	CONS	Restoration of All Public Roads, Easements, and Rights-of-Ways	Within 60 calendar days of completion of construction, meet with the CPM, the affected local jurisdiction(s), and Caltrans District 4 (if applicable) to identify sections of public right-of-way to be repaired. At that time, establish a schedule for completion and approval of the repairs.	--	Within 60 calendar days of completion of construction	7/30/2012		Not Started	

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201	TRANS	TRANS-2c	CONS	Restoration of All Public Roads, Easements, and Rights-of-Ways	Following completion of any public right-of-way repairs, provide to the CPM letters signed by the affected local jurisdiction(s) and Caltrans District 4 stating their satisfaction with the repairs.	Letters from Caltrans	Following completion of any public right-of-way repairs	TBD		Not Started	
202	TRANS	TRANS-3a	PC	Traffic Control Plan, Heavy Hauling Plan, and Parking/Staging Plan: Prior to the start of construction, prepare a Traffic Control Plan (TCP) for the MEP's construction and operations traffic , as outlined in this condition [TRANS-2]. Submit the proposed TCP to the Caltrans District 4 office and to the affected local jurisdictions in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan.	At least 60 calendar days prior to the start of construction, submit the TCP to the applicable agencies for review and comment and to the CPM for review and approval. Also provide the CPM with a copy of the transmittal letter to the agencies requesting review and comment.	TCP / Transmittal letters	At least 60 calendar days prior to the start of construction	Complete	6/8/2011	Complete	
203	TRANS	TRANS-3b	PC	Traffic Control Plan, Heavy Hauling Plan, and Parking/Staging Plan	At least 30 calendar days prior to the start of construction, provide copies of any comment letters received from the agencies, along with any changes to the proposed development plan, to the CPM for review and approval.	Final TCP / comments received	At least 30 calendar days prior to the start of construction	Complete	6/8/2011	Complete	
204	TRANS	TRANS-4a	PC	Encroachment into Public Rights-of-Way: Prior to any ground disturbance, improvements, or obstruction of traffic, coordinate with all relevant jurisdictions to obtain all required encroachment permits and comply with all applicable regulations.	At least 10 days prior to ground disturbance or interruption of traffic in or along any public road, easement, or right-of-way, provide copies of all permit(s), relevant to the affected location(s), received from Caltrans or any other affected jurisdiction/s to the CPM.	Copies of Permits Received	At least 10 days prior to ground disturbance or interruption of traffic in or along any public road, easement, or right of-way	Complete	6/1/2011	Complete	Alameda County Encroachment permits submitted 6/24/11. Contra Costa Permit submitted in first MCR.
205	TRANS	TRANS-4b	OPS	Encroachment into Public Rights-of-Way	Retain copies of the issued/approved permit(s) and supporting documentation in the compliance file for a minimum of 180 calendar days after the start of commercial operation.	--	At least 180 calendar days after the start of commercial operation	On-going	NA	Not Started	
206	TRANS	TRANS-5a	CONS	Transportation of Hazardous Materials: Obtain the necessary permits and/or licenses, comply with all applicable regulations, and implement the proper procedures for the transportation of hazardous materials. In addition, the owner shall ensure that hazardous materials deliveries occur outside of normal commute hours.	In the MCRs, the owner shall provide copies of all permits/licenses obtained for the transportation of hazardous substances.	MCR	Monthly	On-going	NA	In-progress	
207	TRANS	TRANS-6a	PC	Payment of Transportation Fees: Where applicable, pay traffic and transportation fees to Alameda County for development of the MEP. These fees may include but not be limited to the Tri-Valley transportation development fee and the cumulative traffic impact mitigation fee.	At least 30 days prior to the start of ground disturbance, submit plans for the proposed MEP to Alameda County, pay any necessary transportation-related fees, and provide documentation of exemption or payment to the CPM.	Plans, and proof of fee payment or exemption	At least 30 days prior to the start of ground disturbance	Complete	5/19/2011	Complete	

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208	TRANS	TRANS-6b	OPS	Payment of Transportation Fees	Retain copies of documentation in the compliance file for a minimum of 180 calendar days after the start of commercial operation.	--	At least 180 calendar days after the start of commercial operation	On-going	NA	Not Started	
209	TRANS	TRANS-7a	PC	Obstruction Marking and Lighting: Install obstruction marking and lighting on the exhaust stacks, consistent with FAA requirements, as expressed in the documents listed in this condition [TRANS-7]. Permanent lighting shall be installed and activated as outlined in this condition.	At least 60 days prior to the start of construction, submit to the CPM for approval final design plans for the power plant exhaust stacks that depict the required air traffic obstruction marking and lighting.	Final exhaust stack lighting plans	At least 60 days prior to the start of construction	1/12/2012		Partial Complete	Per FAA, lighting is required. Exhaust stack lighting submitted to CPM for approval on December 29, 2011.
210	TRANS	TRANS-7b	CONS	Obstruction Marking and Lighting	Within 5 days of completion of exhaust stack construction and prior to the start of plant operation, install and activate permanent obstruction marking and lighting consistent with FAA requirements.	--	Within 5 days of completion of exhaust stack construction and prior to the start of plant operation	2/26/2012		Not Started	
211	TRANS	TRANS-7c	CONS	Obstruction Marking and Lighting	Inform the CPM in writing within 10 days of installation and activation of permanent obstruction marking and lighting. The lighting shall be inspected and approved by the CPM (or designated inspector) within 30 days of activation.	Notification to CPM	Within 10 days of installation and activation of permanent obstruction marking and lighting	3/27/2012		Not Started	
212	TRANS	TRANS-8a	CONS	Pilot Notification and Awareness: Initiate the actions outlined in this condition [TRANS-8] to ensure pilots are aware of the project location and potential hazards to aviation.	Within 30 days following the start of construction, submit draft language for the letters of request to the FAA (including NORCAL TRACON) and Byron Airport to the CPM for review and approval.	Draft Letters of Request	Within 30 days following the start of construction-Coming up soon	7/29/2011		Complete	
213	TRANS	TRANS-8b	CONS	Pilot Notification and Awareness	At least 60 days prior to the start of operations, submit the required letters of request to the FAA and request that TRACON (NORCAL) submit aerodrome remarks to the listed agencies. Submit copies of these requests to the FAA and TRACON (NORCAL) to the CPM.	Letters of Request	At least 60 days prior to the start of operations	4/2/2012	9/13/2011	Partially complete: NOTAM and AWOS filed on 9/30/11	Received e-mail confirmation of FAA receipt of Data Change, Aeronautical Charge Change and Terminal Air Chart Change on 9/13/11. Airport Facility Directory (AFD changes accepted and published December 15, 2011.
214	TRANS	TRANS-8c	CONS	Pilot Notification and Awareness	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt.	Copies of Correspondence	Within 10 days of receipt	As-needed	NA	As-needed	
215	TRANS	TRANS-8d	CONS	Pilot Notification and Awareness	If a response from any of the agencies is not received within 45 days of the request (or by 15 days prior to the start of operations), follow up with a letter to the respective agency/ies to confirm implementation of the request.	(If Needed)	Within 45 days of submitting the request (or by 15 days prior to the start of operations)	As-needed	NA	As-needed	

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216	TRANS	TRANS-8e	CONS	Pilot Notification and Awareness	Contact the CPM within 72 hours if notified that any or all of the requested notices cannot be implemented. Should this occur, the project owner shall appeal such a determination, consistent with any established appeal process and in consultation with the CPM. A final decision from the jurisdictional agency denying the request, as a result of the appeal process, shall release the project owner from any additional action related to that request and shall be deemed compliance with that portion of this condition.	(If Needed)	Within 72 hours of being notified that any or all of the requested notices cannot be implemented	As-needed	NA	As-needed	
217	TLSN	TLSN-1	PC	Construct the proposed 230-kV transmission lines according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and PG&E's EMF-reduction guidelines.	At least 30 days before starting the construction of the transmission line or related structures and facilities, submit to the CPM a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in this condition.	Letter of Confirmation	At least 30 days before starting the upgrade of the transmission line or related structures and facilities	13-Jul-11	14-Jul-11	Complete	
218	TLSN	TLSN-2a	OPS	Use a qualified individual to measure the strengths of the electric and magnetic fields from each line as outlined in this condition. These measurements shall be completed not later than six months after the start of operations.	These measurements shall be completed not later than six months after the start of operations.	--	Within 6 months after the start of operations	11/28/2012		Not Started	
219	TLSN	TLSN-2b	OPS	--	File copies of the post-energization measurements with the CPM within 60 days after completion of the measurements.	Post-energization Measurements	Within 60 days of the post-energization measurements	12/28/2012		Not Started	
220	TLSN	TLSN-3	OPS	The rights-of-way of the proposed transmission lines shall be kept free of combustible material as required under the provisions of section 4292 of the Public Resources Code and section 1250 of Title 14 of the California Code of Regulations.	During the first 5 years of plant operation, provide a summary of inspection results and any fire prevention activities carried out along the right-of-way of the line and provide such summaries in the Annual Compliance Report.	ACR	Annually	On-going	NA	Not Started	
221	TLSN	TLSN-4	CONS	Ensure that all permanent metallic objects within the rights-of-way of the project-related line is grounded according to industry standards.	At least 30 days before the line is energized, transmit to the CPM a letter confirming compliance with this condition.	Letter of Confirmation	At least 30 days before the lines are energized	12/21/2011		Not Started	
222	VIS	VIS-1a	PC	Surface Treatment of Project Structures and Buildings: Color and finish the surfaces of all project structures and buildings visible to the public. Transmission line conductors and insulators shall be non-specular and non-reflective. A surface treatment plan shall be submitted to the CPM for approval that includes measures (A) through (E) of this condition.	At least 45 days prior to applying vendor color(s) and finish(es) for structures or buildings to be surface treated during manufacture, submit the proposed treatment plan to the CPM.	Proposed Surface Treatment Plan	At least 45 days prior to applying vendor color(s) and finish(es) for structures or buildings	Complete	5/9/2011	Complete	

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223	VIS	VIS-1b	CONS	Surface Treatment of Project Structures and Buildings: The applicant shall not request vendor surface treatment of any buildings or structures during their manufacture, or perform final field treatment on any buildings or structures, until the applicant has received treatment plan approval by the CPM.	If the CPM determines that the plan requires revision, provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for approval.	(If Needed)	Prior to applying any treatment	As-needed	5/9/2011	Complete	Plan approved by CEC
224	VIS	VIS-1c	OPS	Surface Treatment of Project Structures and Buildings: The applicant shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection; and shall submit one set of electronic color photographs from KOPs 1 and 3 showing the "as built" surface treated structures and buildings.	Within 90 days after the start of commercial operation, notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection; and submit one set of electronic color photographs from KOPs 1 and 3 showing the "as built" surface treated structures and buildings.	Notification of surface treatment completion and photographs from KOPs 1 & 3	Within 90 days after the start of operations	8/30/2012		Not Started	
225	VIS	VIS-1d	OPS	Surface Treatment of Project Structures and Buildings: The surface treatment plan shall include a procedure to ensure proper treatment maintenance for the life of the project.	Provide a status report regarding surface treatment maintenance in the Annual Compliance Report. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) major maintenance activities that occurred during the reporting year; and c) the schedule of major maintenance activities for the next year.	ACR	Annually	On-going	NA	Not Started	
226	VIS	VIS-2	CONS	Surface Restoration: Remove all evidence of temporary construction activities, and restore the ground surface to the original condition or better including the replacement of any vegetation during construction where project development does not preclude it. Submit to the CPM for approval and implement a surface restoration plan.	At least 60 days prior to the start of commercial operation, submit the surface restoration plan to the CPM for approval.	Surface Restoration Plan	At least 60 days prior to the start of commercial operation	10/31/2011	12/1/2011	Complete	VIS-2 plan resubmitted on November 15 and approved on 12/1/11.
227	VIS	VIS-2b	CONS	Surface Restoration	If the CPM notifies the applicant that revisions of the surface restoration plan are needed, within 30 days of receiving that notification submit to the CPM a plan with the specified revisions.	(If Needed)	Within 30 days of receiving notification	11/15/2011	12/1/2011	Complete	
228	VIS	VIS-2c	CONS	Surface Restoration	Complete surface restoration within 60 days after the start of commercial operation. Notify the CPM within seven days after completion of surface restoration that the restoration is ready for inspection.	Notification to CPM	Within 60 days after the start of commercial operation	July 31, 2012		Not started	
229	VIS	VIS-3a	CONS	Construction Activity Lighting: To the extent feasible given safety and security concerns, lighting on the construction site and the construction laydown area shall minimize potential night lighting impacts, as outlined in (A) through (D) of this condition [VIS-3]	Within 7 days after the first use of construction lighting, notify the CPM that the lighting is ready for inspection.	Notification to CPM	Within 7 days after the first use of construction lighting	10/27/2011		Complete	Notice Submitted to CEC on 10/27/11

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230	VIS	VIS-3b	CONS	Construction Activity Lighting	If the CPM notifies the applicant that modifications to the lighting are needed to minimize impacts, within 15 days of receiving that notification implement the necessary modifications and notify the CPM that the modifications have been completed.	(If Needed)	Within 15 days of receiving notification	As-needed	NA	As-needed	
231	VIS	VIS-3c	CONS	Construction Activity Lighting: If the applicant receives a complaint about construction lighting, the applicant shall notify the CPM and shall use the complaint resolution form included in the General Conditions section of the Compliance Plan to record each lighting complaint and to document the resolution of that complaint. The applicant shall provide a copy of each complaint form to the CPM.	Within 48 hours of receiving a lighting complaint, provide to the CPM; a) a report of the complaint, b) a proposal to resolve the complaint, and c) a schedule for implementation of the proposal.	(If Needed)	Within 48 hours of receiving a lighting complaint	As-needed	NA	As-needed	
232	VIS	VIS-3d	CONS	Construction Activity Lighting	Notify the CPM within 48 hours after completing implementation of the proposal to resolve the lighting complaint.	(If Needed)	Within 48 hours of implementing the proposal to resolve a lighting complaint	As-needed	NA	As-needed	
233	VIS	VIS-3e	CONS	Construction Activity Lighting	Provide a copy of the completed complaint resolution form to the CPM in the next Monthly Compliance Report.	(If Needed)	--	As-needed	NA	As-needed	
234	VIS	VIS-4a	PC	Permanent Exterior Lighting: To the extent feasible, consistent with safety and security considerations and commercial availability, design and install all permanent exterior lighting as described in measures (A) through (I) of this condition [VIS-4]. Provide to the CPM a lighting management plan that includes at a minimum the elements described in this condition.	At least 60 days prior to ordering any permanent exterior lighting, submit to the CPM for approval a lighting management plan. If the CPM determines that the lighting management plan requires revision, provide to the CPM a plan with the specified revision(s) for approval. No exterior lighting should be ordered until receiving CPM approval of the lighting management plan.	Lighting Mitigation Plan	At least 60 days prior to ordering any permanent exterior lighting	12/5/11-main site	12/15/2011	Complete	
235	VIS	VIS-4b	CONS	Permanent Exterior Lighting	Prior to commercial operation, notify the CPM that the lighting has been installed and is ready for inspection.	Notification to CPM	Prior to commercial operation	6/1/2012		Not Started	
236	VIS	VIS-4c	CONS	Permanent Exterior Lighting	If after inspection the CPM notifies the applicant that modifications to the lighting are needed, within 30 days of receiving notification implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.	(If Needed)	Within 30 days of receiving notification	As-needed	NA	As-needed	
237	VIS	VIS-4d	OPS	Permanent Exterior Lighting: The lighting management plan that includes a process for addressing and mitigating lighting related complaints.	Within 10 days of receiving a project-related lighting complaint, 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.	(If Needed)	Within 10 days of receiving a project-related lighting complaint	As-needed	NA	As-needed	

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238	VIS	VIS-4e	OPS	Permanent Exterior Lighting	Notify the CPM within 10 days after completing implementation of the proposal.	(If Needed)	Within 10 days of implementing a proposal to resolve a lighting complaint	As-needed	NA	As-needed	
239	VIS	VIS-4f	OPS	Permanent Exterior Lighting	A copy of the complaint resolution form report shall be submitted to the CPM within 30 days of complaint resolution.	(If Needed)	Within 30 days of complaint resolution	As-needed	NA	As-needed	
240	VIS	VIS-5a	CONS	Publicly Visible Project-Related Signage: Any publicly visible signage shall be the minimal signage visible to the public, and shall follow (a) and (b) of this condition [VIS-5]. The design of any signs required by safety regulations shall conform to the criteria established by those regulations. The applicant shall submit a sign plan for publicly visible signs for the project to the Director of the Alameda County Community Development Agency Planning Department for comment and to the CPM for approval. The applicant shall not implement the plan until the applicant receives approval of the submittal from the CPM.	At least 30 days prior to installing publicly visible signs, submit a sign plan for the project to the Director of the Alameda County Community Development Agency Planning Department for comment and to the CPM for approval. Provide a copy of the Director of the Alameda County Community Development Agency Planning Department comments to the CPM.	Sign Plan & County Comments	At least 30 days prior to installing publicly visible signs	3/16/2012		In-progress	
241	VIS	VIS-5b	CONS	Publicly Visible Project-Related Signage	If the CPM determines that the sign plan requires revision, provide to the CPM a plan with the specified revision(s) for approval by the CPM before any signage visible to the public is installed.	(If Needed)	Prior to installing signage visible to the public	As-needed	NA	As-needed	
242	VIS	VIS-5C	CONS	Publicly Visible Project-Related Signage	Inform the CPM that the publicly visible signs have been installed and provide the CPM with electronic color photographs of the installed signage.	Notification of installation & photographs	?	TBD		Not Started	
243	VIS	VIS-6a	CONS	Landscaping: Provide a comprehensive landscaping and irrigation plan, as described in this condition [VIS-6]. Landscaping shall be installed or bonded prior to the start of commercial operation. In no event shall landscaping be installed any later than 6 months after the start of commercial operation. The applicant shall not implement the landscaping and irrigation plan until the applicant receives approval from the CPM. Planting must be completed or bonded by the start of commercial operation, and the planting must occur during the optimal planting season, but not later than 6 months after the start of commercial operation.	Prior to commercial operation and at least 60 days prior to installing the landscaping, provide a copy of the landscaping and irrigation plan to the Director of the Alameda County Community Development Agency Planning Department for review and to the CPM for approval. Provide to the CPM a copy of the transmittal letter submitted to the Director of the Alameda County Community Development Agency Planning Department requesting their review.	Landscaping & Irrigation Plan / County Transmittal Letter & Comments	Prior to commercial operation and at least 60 days prior to installing the landscaping	2/15/2012		In-progress	

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244	VIS	VIS-6b	CONS	Landscaping: Provide a comprehensive landscaping and irrigation plan, as described in this condition [VIS-6]. Landscaping shall be installed or bonded prior to the start of commercial operation. The applicant shall not implement the landscaping and irrigation plan until the applicant receives approval from the CPM. Planting must be completed by the start of commercial operation, and the planting must occur during the optimal planting season.	Notify the CPM within 7 days after completing installation of the landscaping and irrigation that the landscaping and irrigation is ready for inspection.	Notification to CPM	Within 7 days after completing installation of the landscaping and irrigation	5/22/2012		Not Started	
245	VIS	VIS-6c	OPS	Landscaping	The Applicant shall replace dead or dying plantings (plants and trees) listed or shown in the approved landscaping and irrigation plan for the project, annually at the least (e.g., start of Spring), for the life of the project.	Additional Plantings	Annually/As-Needed	As-needed	NA	As-needed	
246	WASTE	WASTE-1	PC	Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), excavation and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies. The Professional Engineer or Professional Geologist shall be given full authority by the project owner to oversee any earth moving activities that have the potential to disturb contaminated soil.	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and approval.	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	Complete	3/11/2011	Complete	
247	WASTE	WASTE-2a	CONS	If potentially contaminated soil is identified, the Professional Engineer or Geologist shall inspect the site, determine the need for sampling, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the recommended course of action.	Submit any final reports filed by the Professional Engineer or Professional Geologist to the CPM within 5 days of their receipt.	(If Needed)	Within 5 days of receiving any reports filed by the Professional Engineer or Geologist	As-needed	NA	As-needed	
248	WASTE	WASTE-2b	CONS	The Professional Engineer or Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If, in the opinion of the Professional Engineer or Professional Geologist, significant remediation may be required, the project owner shall contact the CPM and representatives of the Department of Toxic Substances Control for guidance and possible oversight.	Notify the CPM within 24 hours of any orders issued to halt construction.	(If Needed)	Within 24 hours of any orders issued to halt construction	As-needed	NA	As-needed	

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249	WASTE	WASTE-3	PC	Obtain a hazardous waste generator identification number from the USEPA prior to generating any hazardous waste during construction and operations.	Keep a copy of the identification number on file at the project site and provide the number to the CPM in the next Monthly Compliance Report.	USEPA Haz Waste Generator ID Number	Prior to generating any hazardous waste	Complete	4/4/2011	Complete	
250	WASTE	WASTE-4	CONS	Upon becoming aware of any impending waste management-related enforcement action, notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.	(If Needed)	Within 10 days of becoming aware of an impending enforcement action	As-needed	NA	As-needed	
251	WASTE	WASTE-5	PC	Prepare a Construction Waste Management Plan for all wastes generated during construction of the facility, and submit the plan to the CPM for review and approval. The plan shall contain, at a minimum, the elements listed in this condition [WASTE-5].	Submit the Construction Waste Management Plan to the CPM for approval no less than 30 days prior to the initiation of construction activities at the site.	Construction Waste Management Plan	At least 30 calendar days prior to start of construction	Complete	5/4/2011	Complete	
252	WASTE	WASTE-6a	CONS	Prepare an Operation Waste Management Plan for all wastes generated during operation of the facility, and shall submit the plan to the CPM for review and approval. The plan shall contain, at a minimum, the elements listed in this condition [WASTE-6].	Submit the Operation Waste Management Plan to the CPM for approval no less than 30 days prior to the start of project operation. Submit any required revisions to the CPM within 20 days of notification from the CPM that revisions are necessary.	Operation Waste Management Plan	At least 30 days prior to the start of operation	5/2/2012		In-progress	
253	WASTE	WASTE-6b	OPS	Operation Waste Management Plan	Document in each Annual Compliance Report the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan; and update the Operation Waste Management Plan as necessary to address current waste generation and management practices.	ACR	Annually	On-going	NA	Not Started	
254	WASTE	WASTE-7	CONS	All spills or releases of hazardous substances, materials, or waste shall be reported, cleaned-up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements.	Document, as described in this condition [WASTE-7] all unauthorized releases and spills 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.	(If Needed)	Within 30 days of the date the release was discovered	As-needed		In-progress	Included in August MCR.

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255	WORKER SAFETY	WORKER SAFETY-1	PC	Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition [WORKER SAFETY-1]. The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Alameda County Fire Department for review and comment prior to submittal to the CPM for approval.	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program. Provide a copy of a letter to the CPM from the Alameda County Fire Department stating the fire department's comments on the Construction Fire Prevention Plan and Emergency Action Plan.	Construction Health & Safety Program w/Fire Department Comments on EAP/FPP	At least 30 calendar days prior to start of construction	Partial Complete	5/16/2011 and 11/29/11	Complete	PG&E plan submitted and approved on 11/29/11
256	WORKER SAFETY	WORKER SAFETY-2	CONS	Submit to the CPM the Project Operations and Maintenance Safety and Health Program containing the elements listed in this condition [WORKER SAFETY-2]. The Operation Injury and Illness Prevention Plan, Emergency Action Plan, and Personal Protective Equipment Program shall be submitted to the CPM for review and comment concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan and the Emergency Action Plan shall also be submitted to the Alameda County Fire Department for review and comment.	At least 30 days prior to the start of first-fire or commissioning, submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program. Provide a copy of a letter to the CPM from the Alameda County Fire Department stating the fire department's comments on the Operations Fire Prevention Plan and Emergency Action Plan.	Operation Health & Safety Program w/Fire Department Comments on EAP/FPP	At least 30 days prior to the start of first-fire or commissioning	2/1/2012		Not Started	
257	WORKER SAFETY	WORKER SAFETY-3a	PC	Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition [WORKER SAFETY-3]. The CSS shall perform the duties listed in this condition.	At least 30 days prior to the start of construction, submit to the CPM the name and contact information for the CSS.	CSS Name/Contact	At least 30 calendar days prior to start of construction	Partial Complete	5/16/2011 and 11/29/11	Complete	CSS for LG, Tidelands and PG&E submitted.
258	WORKER SAFETY	WORKER SAFETY-3b	CONS	Construction Safety Supervisor (CSS)	The CSS shall submit in the Monthly Compliance Report a monthly safety inspection report to include the elements listed in this condition. The contact information of any replacement CSS shall be submitted to the CPM within one business day.	MCR	Monthly	On-going	NA	In-progress	
259	WORKER SAFETY	WORKER SAFETY-4	PC	Make payments to the Chief Building Official (CBO) for the services of a Safety Monitor. Those services shall be in addition to other work performed by the CBO. The Safety Monitor shall be responsible for the duties listed in this condition [WORKER SAFETY-4].	Prior to the start of construction, provide proof of agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement w/CBO for Safety Monitor	Prior to construction	Complete	5/16/2011	Complete	
260	WORKER SAFETY	WORKER SAFETY-5	PC	A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition [WORKER SAFETY-5]. The training program shall be submitted to the CPM for review and approval.	At least 30 days prior to the start of construction, submit to the CPM proof that a portable AED exists on site and a copy of the training and maintenance program for review and approval.	Proof of AED and Training Program	At least 30 calendar days prior to start of construction	Complete	5/16/2011	Complete	

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261	WORKER SAFETY	WORKER SAFETY-6	OPS	The project owner shall provide a $70,000 payment to the Tracy Fire Department prior to the start of commercial operation. This funding shall fully compensate Tracy Fire for any services it may be called to provide the Project over the life of the Project.	At least five (5) days prior to the start of commercial operation the project owner shall provide documentation of the payment described above to the CPM.	Statement of Verification	5 days prior to COD	6/21/2012		Not Started	
262	GEN	GEN-1a	CONS	The LORS listed in this condition [GEN-1] shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the MEP.	Five days prior to requesting the issuance of the certificate of occupancy, submit to the CPM and the CBO a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met.	Statement of Design Verification	Five days prior to requesting the issuance of the certificate of occupancy	4/29/2012		Not Started	
263	GEN	GEN-1b	CONS	The LORS listed in this condition [GEN-1] shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the MEP.	Provide the CPM a copy of the certificate of occupancy within 30 days of receipt from the CBO.	Certificate of Occupancy	Within 30 days of receiving the certificate of occupancy	6/13/2012		Not Started	
264	GEN	GEN-1c	OPS	The LORS listed in this condition [GEN-1] shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the MEP.	Once the certificate of occupancy has been issued, inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance 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.	Notification to CPM	At least 30 days prior to any work on the completed facility that requires CBO approval	TBD		Not Started	
265	GEN	GEN-2a	CONS	Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition [GEN-2]. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request. In addition to the design submittals referenced above, plans and calculations for all construction work shall be submitted to the CBO for approval.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Schedule, Master Drawings & Specifications Lists	At least 60 days prior to the start of rough grading	6/22/2011	7/1/2011	Complete	Master drawing and specification list submitted and approved 7/1/11. Update submitted 7/18/11.

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266	GEN	GEN-2b	CONS	Schedule of facility design submittals	Provide schedule updates in the monthly compliance report.	MCR	Monthly	On-going	NA	In-progress	
267	GEN	GEN-3	PC	Make payments to the CBO for design review, plan checks, and construction inspections.	A copy of the contract between the project owner and the CBO shall be submitted to the CPM. The project owner shall make the required payments to the CBO in accordance with the agreement. 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.	Copy of CBO Contract / Receipt of Payment	In accordance with the agreement	Complete	3/16/2011	Complete	BV Sign Off
268	GEN	GEN-4a	PC	Prior to the start of rough grading, assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The RE or his/her delegate(s) shall be responsible for the elements listed in this condition [GEN-4].	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	Complete	3/16/2011 4/27/11	Complete	BV Sign Off
269	GEN	GEN-4b	CONS	--	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	As-needed	NA	As-needed	BV Sign Off (original submittals (GEN-4a) were submitted prior to the start of construction, future submittals will be "as-needed" - see GEN-4c
270	GEN	GEN-4c	CONS	If the RE or the delegated engineers are reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer.	If the RE or the delegated engineer(s) is subsequently reassigned or replaced, the project owner has five days to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval.	(If Needed)	Within 5 days of replacing the RE or delegated engineer(s)	As-needed	NA	As-needed	
271	GEN	GEN-5a	PC	Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition [GEN-5] to the project. The duties of the engineers are outlined in this condition.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer assigned to the project.	Engineer Resumes	At least 30 days prior to the start of rough grading	Complete	4/14/2011	Complete	BV Sign Off
272	GEN	GEN-5b	CONS	--	Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	As-needed	NA	As-needed	BV Sign Off (original submittals (GEN-5a) were submitted prior to the start of construction, future submittals will be "as-needed" - see GEN-5c

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273	GEN	GEN-5c	CONS	--	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	(If Needed)	Within 5 days of replacing the designated engineer	As-needed	NA	As-needed	
274	GEN	GEN-6a	CONS	Prior to the start of an activity requiring special inspection, assign to the project, qualified and certified special inspector(s) The special inspector(s) shall perform the duties outlined in this condition [GEN-6].	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection, submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth in this condition.	Name/Quals of Special Inspector	At least 15 days prior to the start of an activity requiring special inspection	As-needed	NA	As-needed	
275	GEN	GEN-6b	CONS	--	Submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.	MCR	MCR following approval of special inspectors	On-going	NA	In-progress	
276	GEN	GEN-6c	CONS	--	If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned special inspector to the CBO for approval. Notify the CPM of the CBO's approval of the newly assigned inspector within five days of the approval.	(If Needed)	Within 5 days of replacing the special inspector	As-needed	NA	As-needed	
277	GEN	GEN-7	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next monthly compliance report. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	(If Needed)	MCR following corrective action	As-needed	NA	As-needed	

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278	GEN	GEN-8a	CONS	Obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. Request the CBO to inspect the completed structure and review the submitted documents. Notify the CPM after obtaining the CBO's final approval. Retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Within 15 days of the completion of any work, 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.	MCR	Within 15 days of the completion of any work	On-going	NA	In-progress	
279	GEN	GEN-8b	CONS	--	After storing the final approved engineering plans, specifications, and calculations described above, submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Notification to CPM	After storing the final approved engineering plans, specifications, and calculations	TBD		Not Started	
280	GEN	GEN-8c	CONS	--	Within 90 days of the completion of construction, provide to the CBO three sets of electronic copies of the above documents at the project owner's expense. These are to be provided in the form of "read only" (Adobe) files, with restricted (password-protected) printing privileges, on archive quality compact discs.	Copies of approved plans/specs/calcs/as-builts	Within 90 days of the completion of construction	8/29/2012		Not Started	
281	CIVIL	CIVIL-1a	CONS	Submit to the CBO for review and approval the drainage and grading design, erosion & sediment control plan, SWPPP, related calculations & specifications, and the soils, geotechnical, or foundation reports.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Drainage & grading design / DESCP / SWPPP / related calcs & specs / soils, geotechnical, or foundation reports	At least 30 days prior to the start of site grading	On-going	5/19/2011 Updated Plan submitted 6/27/11	Complete	
282	CIVIL	CIVIL-1b	CONS	--	In the next monthly compliance report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	MCR	MCR following approval of documents described in CIVIL-1	On-going	8/24/2011	Complete	

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283	CIVIL	CIVIL-2	CONS	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible engineer identifies unforeseen adverse soil or geologic conditions. Submit modified plans, specifications, and calculations to the CBO based on these new conditions, and obtain approval from the CBO before resuming work.	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, provide to the CPM a copy of the CBO's approval.	(If Needed)	Within 24 hours of work stopped	As-needed	NA	As-needed	
284	CIVIL	CIVIL-3a	CONS	Perform inspections in accordance with the CBC, and this condition [CIVIL-3]. If it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. Prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, submit the details of the corrective action to the CBO and the CPM.	(If Needed)	Within five days of the discovery of any discrepancies	As-needed	NA	As-needed	
285	CIVIL	CIVIL-3b	CONS	--	A list of NCRs, for the reporting month, shall be included in the following monthly compliance report.	(If Needed)	MCR following resolution of NCR	As-needed	NA	As-needed	
286	CIVIL	CIVIL-4a	CONS	After completion of finished grading and erosion and sedimentation control and drainage work, 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.	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, submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes, along with a copy of the transmittal letter to the CPM.	Final Grading Plans / Signed statement from Civil Engineer	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work	7/14/2012		Not Started	
287	CIVIL	CIVIL-4b	CONS	--	Submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	MCR	MCR following completion of the erosion and sediment control mitigation and drainage work	6/28/2012		Not Started	
288	STRUC	STRUC-1a	PC	Prior to the start of any increment of construction, submit plans, calculations and other supporting documentation, as described in this condition [STRUC-1] to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list.	At least 60 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list, submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final Design Plans, Specs & Calcs with Transmittal Letter	At least 60 days prior to the start of any increment of construction of listed component in the CBO-approved master drawing and specifications list	Complete	5/19/2011	Complete	BV Sign Off - Preconstruction submittals complete. Additional submittals addressed under STRUC-1b

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289	STRUC	STRUC-1b	CONS	Prior to the start of any increment of construction, submit plans, calculations and other supporting documentation, as described in this condition [STRUC-1] to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list.	At least 60 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list, submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final Design Plans, Specs & Calcs with Transmittal Letter	At least 60 days prior to the start of any increment of construction of listed component in the CBO-approved master drawing and specifications list	On-going	NA	In-progress	
290	STRUC	STRUC-1c	CONS	--	Submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	MCR	In the following MCR	On-going	NA	In-progress	
291	STRUC	STRUC-2a	CONS	Submit to the CBO the required number of sets of the documents listed in this condition [STRUC-2] related to work that has undergone CBO design review and approval: Concrete cylinder strength test reports; Concrete pour sign-off sheets; Bolt torque inspection reports; Field weld inspection reports; and Reports covering other structural activities requiring special inspections.	--	See condition text for document list	On a schedule suitable to the CBO	On-going	NA	In-progress	
292	STRUC	STRUC-2b	CONS	--	If a discrepancy is discovered in the data listed in this condition, within five days, prepare and submit an NCR describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) and the applicable CBC chapter and section.	(If Needed)	Within 5 days of discovering a discrepancy	As-needed	NA	As-needed	
293	STRUC	STRUC-2c	CONS	--	Within five days of resolution of the NCR, submit a copy of the corrective action to the CBO and the CPM.	(If Needed)	Within five days of resolution of the NCR	As-needed	NA	As-needed	
294	STRUC	STRUC-2d	CONS	--	The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	(If Needed)	Within 15 days of receiving approval or disapproval	As-needed	NA	As-needed	

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295	STRUC	STRUC-3a	CONS	Submit to the CBO design changes to the final plans required by the CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, notify the CBO of the intended filing of design changes, and submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM.	(If Needed)	On a schedule suitable to the CBO	As-needed	NA	As-needed	
296	STRUC	STRUC-3b	CONS	--	Notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	(If Needed)	In the following MCR	As-needed	NA	As-needed	
297	STRUC	STRUC-4a	CONS	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the specified quantities of toxic or hazardous materials, submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, Specs & Calcs Engineer certification	At least 30 days prior to the start of installation of the tanks or vessels	11/25/2011	12/6/2011	COMPLETE	Specifications submitted and approved by CBO on 5/12/2011. Tank drawings submitted to CBO on 10/7/11 under Struc-1-10.2 and approved on 11/15/11. Package resubmitted under STRUC-4 on 11/25/11. Approved on 12/6/11.
298	STRUC	STRUC-4b	CONS	--	Send copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	MCR	In the following MCR	On-going	NA	Not Started	
299	MECH	MECH-1a	CONS	Submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed. Upon completion of construction of any such system, request the CBO's inspection. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable LORS.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and master specifications list, 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 send the CPM a copy of the transmittal letter in the next monthly compliance report.	Final design plans, Specs & Calcs Engineer certification w/ transmittal to CPM	At least 30 days prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and specifications list	TBD		In-progress	

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300	MECH	MECH-1b	CONS	--	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.	MCR	In the following MCR	On-going		In-Progress	
301	MECH	MECH-2a	CONS	For all pressure vessels installed in the plant, submit to CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, request the appropriate CBO and/or Cal-OSHA inspection of that installation.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel, submit to the CBO for design review and approval, the documents listed in this condition, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	See condition text for document list	At least 30 days prior to the start of on-site fabrication or installation of any pressure vessel	TBD		In-progress	
302	MECH	MECH-2b	CONS	--	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	MCR	In the following MCR	On-going	NA	In-progress	
303	MECH	MECH-3a	CONS	Submit to the CBO for design review and approval, 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. Design and install all HVAC and refrigeration systems in accordance with applicable codes. Upon completion of any increment of construction, request the CBO's inspection. The final plans, specifications and calculations shall include approved criteria, assumptions, and methods. 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.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system, 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.	HVAC & refrigeration calcs, plans, and specs / ME statement / Transmittal to CPM	At least 30 days prior to the start of construction of any HVAC or refrigeration system	TBD		In-progress	
304	MECH	MECH-3b	CONS	--	Copy of the transmittal letter to the CPM in the following MCR.	MCR	In the following MCR	As-needed	NA	As-needed	

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305	ELEC	ELEC-1a	CONS	Prior to the start of any increment of electrical construction for electrical equipment and systems 480 Volts or higher, submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above 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. Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction, submit to the CBO for design review and approval the documents listed in this condition. Include a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and send the CPM a copy of the transmittal letter in the next monthly compliance report.	Final design, specs, & calcs / RE Statement / Transmittal to CPM	At least 30 days prior to the start of each increment of electrical construction	TBD		In-progress	
306	ELEC	ELEC-1b	CONS	--	Send the CPM a copy of the transmittal letter in the next monthly compliance report.	MCR	In the following MCR	As-needed	NA	As-needed	
307	PAL	PAL-1a	PC	Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Monitors (PRMs) shall meet the minimum qualifications described in this condition [PAL-1].	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability	At least 60 days prior to the start of ground disturbance	Complete	4/6/2011 4/15/11	Complete	
308	PAL	PAL-1b	PC	Ensure that the PRS obtains qualified PRMs to monitor as he or she deems necessary on the project. Paleontological Resource Monitors shall have the equivalent of the qualifications described in this condition [PAL-1].	At least 20 days prior to ground disturbance, provide a letter with resumes naming anticipated monitors, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	PRM Resumes & Quals	At least 20 days prior to ground disturbance	Complete	5/4/2011	Complete	
309	PAL	PAL-1c	CONS	If a PRM is replaced, the resume of the replacement PRM shall also be provided to the CPM. Keep resumes on file for qualified PRM.	If additional monitors are obtained during the project, provide additional letters and resumes to the CPM. The letter shall be provided to the CPM no later than one week prior to the monitor's beginning on-site duties.	(If Needed)	At least 1 week prior to the monitor beginning duties	As-needed	NA	As-needed	
310	PAL	PAL-1d	CONS	If the approved PRS is replaced, obtain CPM approval of the replacement PRS.	Prior to the termination or release of a PRS, submit the resume of the proposed new PRS to the CPM for review and approval.	(If Needed)	Prior to the termination or release of a PRS	As-needed	NA	As-needed	
311	PAL	PAL-2a	PC	Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the project, as described in this condition [PAL-2]. If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The PRS or PRM shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week.	At least 30 days prior to the start of ground disturbance, provide the maps and drawings to the PRS and CPM.	Maps and drawings	At least 30 days prior to the start of ground disturbance	Complete	5/11/2011	Complete	

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312	PAL	PAL-2b	CONS	If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	(If Needed)	At least 15 days prior to the start of ground disturbance	As-needed	NA	As-needed	
313	PAL	PAL-2c	CONS	Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the scheduling of the construction phases, submit a letter to the CPM within 5 days of identifying the changes.	(If Needed)	Within 5 days of identifying the changes	As-needed	NA	As-needed	
314	PAL	PAL-3	PC	A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition [PAL-3] and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	PRMMP	At least 30 days prior to ground disturbance	Complete	5/12/2011	Complete	Revised PRMMP submitted on 6/21/11
315	PAL	PAL-4a	PC	WEAP: Prior to ground disturbance and for the duration of construction activities involving ground disturbance, as described in this condition [PAL-4], prepare and conduct weekly CPM-approved paleontological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	At least 30 days prior to ground disturbance, submit the proposed WEAP, including the brochure, with the set of reporting procedures for workers to follow. At least 30 days prior to ground disturbance, the project owner shall submit the training program presentation/materials to the CPM for approval if the project owner is planning to use a presentation format other than an in-person trainer for training.	Proposed WEAP & training materials	At least 30 days prior to ground disturbance	Complete	4/5/2011 5/16/11	Complete	
316	PAL	PAL-4b	CONS	WEAP TRAINING	If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct training prior to CPM authorization.	(If Needed)	Prior to installation of an alternate trainer	As-needed	NA	As-needed	
317	PAL	PAL-4c	CONS	WEAP TRAINING	In the MCR, 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 other approved presentation format) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	MCR	Monthly	On-going	NA	In-progress	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
318	PAL	PAL-5a	CONS	The PRS and PRM(s) shall monitor consistent with the PRMMP all construction-related grading, excavation, trenching, and augering in areas where potential fossil-bearing materials have been identified. The PRS and PRM(s) have the authority to halt or redirect construction if paleontological resources are encountered. Monitoring activities shall be conducted as in accordance with (1) through (4) of this condition [PAL-5]. A summary of monitoring and other paleontological activities shall be included placed in the MCRs, as described by this condition.	The PRS shall submit the summary of monitoring and paleontological activities in the MCR.	MCR	Monthly	On-going	NA	In-progress	
319	PAL	PAL-5b	CONS	Any change of monitoring from the accepted schedule in the PRMMP shall be proposed in a letter or email from the PRS and the project owner to the CPM prior to the change in monitoring and will be included in the monthly compliance report. The letter or email shall include the justification for the change in monitoring and be submitted to the CPM for review and approval. In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM.	When feasible, the CPM shall be notified 10 days in advance of any proposed changes in monitoring different from the plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change	(If Needed)	At least 10 days in advance of any proposed changes in monitoring, when feasible	As-needed	NA	As-needed	
320	PAL	PAL-6a	OPS	All components of the PRMMP shall be 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.	Maintain in the compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists for a period of three years after project completion and approval of the CPM-approved paleontological resource report (see PAL-7).	--	For 3 years after project completion	On-going	NA	In-progress	
321	PAL	PAL-6b	CONS	--	Pay any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	(If Needed)	Following transmittal of fossils	As-Needed	NA	As-needed	
322	PAL	PAL-7	CONS	The Paleontological Resources Report (PRR) shall be prepared by the designated PRS following completion of the ground-disturbing activities. The PRR shall include the elements described in this condition [PAL-7].	Within 90 days after completion of ground-disturbing activities, including landscaping, submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground-disturbing activities	8/29/2012		Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
323	TSE	TSE-1a	CONS	Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition [TSE-1], a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	At least 60 days prior to the start of construction, submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	At least 60 days prior to the start of construction	6/22/2011	7/1/2011	Complete	Master drawing and specification list submitted and approved 7/1/11. EPC will provide updates on the 15th and 30th or each month
324	TSE	TSE-1b	CONS	--	Provide schedule updates in the monthly compliance report.	(If Needed)	Monthly	As-needed	NA	As-needed	
325	TSE	TSE-2a	PC	Prior to the start of construction assign an electrical engineer and at least one of each of the engineers listed in this condition [TSE-2] to the project. No segment of the project shall have more than one responsible engineer. The electrical engineer shall perform duties (1) and (2) listed in this condition. This engineer shall be authorized to halt earthwork and to require changes if site conditions are unsafe or do not conform with predicted conditions used as a basis for design of earthwork or foundations.	At least 30 days prior to the start of rough grading, submit to the CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project. Notify the CPM of the CBO's approvals of the engineers within five days of the approval.	Name/Quals of Responsible Engineers	At least 30 days prior to the start of rough grading	Complete	4/7/2011	Complete	
326	TSE	TSE-2b	CONS	If any one of the designated engineers is subsequently reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned engineer to the CBO for review and approval.	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval. Notify the CPM of the CBO's approvals of the engineers within five days of the approval.	(If Needed)	Within 5 days of replacing the engineer	As-Needed	NA	As-needed	
327	TSE	TSE-3	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend corrective action. The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and shall reference this condition.	The project owner shall submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM within 15 days of receipt. If the corrective action is disapproved, advise the CPM, within five days, the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.	(If Needed)	Within 15 days of receiving the discrepancy	As-Needed	NA	As-needed	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
328	TSE	TSE-4a	CONS	For the power plant switchyard, outlet line and termination, do not begin any increment construction until plans for that increment have been approved by the CBO. These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction. Request that the CBO inspect the installation. Activities (A) through (C) of this condition shall be reported in the MCR.	At least 30 days prior to the start of each increment of construction, submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS.	Final design, specs, & calcs / RE Statement	At least 30 days prior to the start of each increment of construction	12/15/2011	12/28/2011	COMPLETE	letter from Engineer of record posted to CBO on 12/15/11. Transmittal in MCR. Reviewed by CBO with "For reference only" on 12/28/11
329	TSE	TSE-4b	CONS	Activities (A) through (C) of this condition shall be reported in the MCR.	Send the CPM a copy of the transmittal letter described in this condition in the next Monthly Compliance Report.	Transmittal to CPM	Monthly	On-going	NA	In-progress	
330	TSE	TSE-5a	PC	The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition [TSE-5].	At least 60 days prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list	At least 60 days prior to the start of construction of transmission facilities	7/30/2011		In-progress	
331	TSE	TSE-5b	PC	Once approved, the project owner shall inform the CPM and CBO of any anticipated changes to the design, and shall submit a detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change to the CPM and CBO for review and approval.	Prior to the construction of or start of modification of transmission facilities, inform the CBO and the CPM of any anticipated changes to the design that are different from the design previously submitted and approved and submit a detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change to the CPM and CBO for review and approval.	(If Needed)	Prior to the construction of or start of modification of transmission facilities	As-needed	NA	As-needed	
332	TSE	TSE-6a	CONS	Provide the Notice to the California Independent System Operator (California ISO), as described in this condition [TSE-6], prior to synchronizing the facility with the California Transmission system. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization.	Provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid.	Cal ISO Letter	At least 1 week prior to initial synchronization with the grid	TBD		Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
333	TSE	TSE-6b	CONS	At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	Contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Report of Conversation with Cal ISO	At least 1 business day prior to synchronizing the facility with the grid for testing	TBD		Not Started	
334	TSE	TSE-7a	CONS	The transmission facilities shall be inspected during and after project construction, and any subsequent CPM and CBO approved changes thereto.	Within 60 days after first synchronization of the project, transmit to the CPM and CBO items (A) through (C) of this condition.	As built Engineering descriptions / drawings / Summary of inspections	Within 60 days after first synchronization of the project	TBD		Not Started	
335	TSE	TSE-7b	CONS	In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken.	In case of non-conformance, inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken.	(If Needed)	Within 10 days of discovering non-conformance	As-needed	NA	As-needed	
336	COMPLIANCE	COMPLIANCE-1	CONS	Unrestricted Access	N/A	NONE	NA	On-going	NA	In-progress	
337	COMPLIANCE	COMPLIANCE-2	CONS	Maintain Project Files on site	N/A	NONE	NA	On-going	NA	In-progress	
338	COMPLIANCE	COMPLIANCE-3	CONS	Compliance Verification Submittals	N/A	Varies	NA	On-going	NA	In-progress	
339	COMPLIANCE	COMPLIANCE-4	PC	Pre-construction Matrix and Tasks Prior to Start of Construction	Construction shall not commence until the all of the following activities/submittals have been completed: property owners living within one mile of the project have been notified of a telephone number to contact for questions, complaints or concerns; a pre-construction matrix has been submitted identifying only those conditions that must be fulfilled before the start of construction; all pre-construction conditions have been complied with; the CPM has issued a letter to the project owner authorizing construction.	Pre-construction Matrix	Prior to commencement of construction	Complete	Mar-11	Complete	
340	COMPLIANCE	COMPLIANCE-5	CONS	Compliance Matrix	The project owner shall submit a compliance matrix (in a spreadsheet format) with each monthly and annual compliance report which includes the status of all compliance conditions of certification.	Compliance Matrix	Monthly	On-going	NA	In-progress	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
341	COMPLIANCE	COMPLIANCE-6a	CONS	Monthly Compliance Report List Item 1 Schedule	Summary of the current project construction status, a revised/updated schedule if there are any significant delays and an explanation of any significant changes to the schedule	MCR	Monthly	On-going	NA	In-progress	
342	COMPLIANCE	COMPLIANCE-6b	CONS	Monthly Compliance Report List Item 2 Documents required by specific conditions	Documents required by specific conditions to be submitted along with the MCR. Each must be identified in the transmittal letter, as well as the conditions they satisfy and submitted as attachments to the MCR.	MCR	Monthly	On-going	NA	In-progress	
343	COMPLIANCE	COMPLIANCE-6c	CONS	Monthly Compliance Report List Item 3 COC Matrix	See Compliance 5 Also	MCR	Monthly	On-going	NA	In-progress	
344	COMPLIANCE	COMPLIANCE-6d	CONS	Monthly Compliance Report List Item 4 Conditions Satisfied	A list of conditions that have been satisfied during the reporting period and a description or reference to the actions that satisfied the Condition	MCR	Monthly	On-going	NA	In-progress	
345	COMPLIANCE	COMPLIANCE-6e	CONS	Monthly Compliance Report List Item 5 Submittal deadlines missed	A List of any submittal deadlines that were missed, accompanied by an explanation and an estimate of when the information will be provided.	MCR	Monthly	On-going	NA	In-progress	
346	COMPLIANCE	COMPLIANCE-6f	CONS	Monthly Compliance Report List Item 6 changes to Conditions of Certification	A cumulative listing of any approved changes to Conditions of Certification	MCR	Monthly	On-going	NA	In-progress	
347	COMPLIANCE	COMPLIANCE-6g	CONS	Monthly Compliance Report List Item 7 Other Permits	A listing of any filings submitted to, or permits issued by, other governmental agencies during the month	MCR	Monthly	On-going	NA	In-progress	
348	COMPLIANCE	COMPLIANCE-6h	CONS	Monthly Compliance Report List Item 8 Compliance activity schedule	A projection of compliance activities scheduled during the next two months. The project owner shall notify the CPM as soon as any changes are made to the project construction schedule that would affect compliance with the Conditions of Certification	MCR	Monthly and ASAP when changes are made to schedule	On-going	NA	In-progress	
349	COMPLIANCE	COMPLIANCE-6i	CONS	Monthly Compliance Report List Item 9 On-site file	A list of the month's additions to the on-site compliance file	MCR	Monthly	On-going	NA	In-progress	
350	COMPLIANCE	COMPLIANCE-6j	CONS	Monthly Compliance Report List Item 10 Complaints and Violations	A listing of complaints, notices of violation, official warnings, and citations received during the month, a description of the resolution of he resolved actions and the status of any unresolved actions.	MCR	Monthly	On-going	NA	In-progress	
351	COMPLIANCE	COMPLIANCE-7	CONS	Annual Compliance Report including a Key Events List		ACR	Annual	On-going	NA	Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
352	COMPLIANCE	COMPLIANCE-8	CONS	Confidential Information	Any information the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with a request for confidentiality.	Confidential Filings	As-Needed	As-Needed	NA	As-Needed	
353	COMPLIANCE	COMPLIANCE-9a	CONS	Annual fees	Payment of Annual Energy Facility Compliance Fee	Initial Annual Compliance Fee	Initial payment due on date of Business Meeting when Energy Commission accepts final decision	On-going	NA	In-Progress	
354	COMPLIANCE	COMPLIANCE-10a	PC	Reporting of Complaints, Notices and Citations	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. Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.	Telephone Number for Nearby Property Owners to Call	Prior to commencement of construction	Complete	May-11	Complete	
355	COMPLIANCE	COMPLIANCE-10b	CONS	Reporting of Complaints, Notices and Citations	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. Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.	Notice, Complaint, and Citation Reports	Within 10 days of receipt notify CPM	As-Needed	NA	As-Needed	
356	COMPLIANCE	COMPLIANCE-11	OPS	Planned Facility Closure	The project owner shall submit a closure plan to the CPM at least 12 months prior to commencement of a planned closure.	Closure Plan	At least 12 months prior to commencement of planned closure	TBD		Not Started	
357	COMPLIANCE	COMPLIANCE-12	CONS	Unplanned Temporary Facility Closure	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.	On-site Contingency Plan	No less than 60 days prior to commencement of commercial operation	4/2/2012		Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
358	COMPLIANCE	COMPLIANCE-13	CONS	Unplanned Permanent Facility Closure	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. In the event of an unplanned permanent closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail within 24 hours and shall take all necessary steps to implement the on-site contingency plan. A closure plan, consistent with the requirements for a planned closure, shall be developed and submitted to the CPM within 90 days of the permanent closure or another period of time agreed to by the CPM.	On-site Contingency Plan / Closure Plan	No less than 60 days prior to commencement of commercial operation / Within 90 days of permanent closure	4/2/2012		Not Started	
359	COMPLIANCE	COMPLIANCE-14a	CONS	Post-certification changes to the Decision	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.	Post Certification Modifications	As-Needed	As-Needed	NA	As-Needed	
360	COMPLIANCE	COMPLIANCE-14b	OPS	Post-certification changes to the Decision	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.	Post Certification Modifications	As-Needed	As-Needed	NA	As-Needed	

PC = Pre-Construction
CONS = Construction
COMM = Commission
OPS = Operations

Estimated Milestone Dates	
ATC Issued	May 24, 2011
Start of Ground Disturbance	June 6, 2011
Start of T-Line Construction:	September 2, 2011
Start of Natural Gas Pipeline:	January 3, 2012
Completion of Project Linears (T-line, water, and natural gas):	February 17, 2012
Start of Tank/Pressure Vessel Installation:	December 12, 2011
Gas pipeline cleaning:	March 1, 2012
Transmission Line Energized:	February 19, 2012
Initial Delivery of Hazardous Materials/Ammonia:	April 1, 2012
Turbine First Fire:	April 1, 2012
Start of Turbine Commissioning:	April 1, 2012
Start of Landscape Installation:	May 15, 2012
Certificate of Occupancy Awarded:	May 29, 2012
Turbine Source Testing Date:	June 1, 2012

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes

Completion of Project Construction:	June 30, 2012
Commercial Online Date:	July 1, 2012
Noise Survey:	July 1, 2012
Exhaust Stack Construction Complete (Exterior)	March 12, 2012

Exhibit 8
AQCMM Monthly Report

Air Quality Construction Mitigation Manager Report

PREPARED FOR: Debi Hertz/CH2M HILL

PREPARED BY: Bradley Allender/LG Constructors

DATE: December 30, 2011

This report is the Air Quality Construction Mitigation Manager (AQCMM) Monthly Compliance Report (MCR) for submittal to the Construction Compliance Manager.

This report is prepared in accordance with the requirements of the Air Quality Construction Mitigation Plan, AQ-SC2, Section 6.

AQ-SC3, AQ-SC4, AQ-SC5

- **Wind Erosion Control Techniques**
  - Site was watered as required to limit dust erosion. Slopes hydroseeded.
- **Speed Limit Signage**
  - Installed previously. Post size and location modified for visibility as needed.
- **Track Out BMPs**
  - Installed previously. No Change.
- **Paved Road Sweeping Activities**
  - Bruns Rd at the site entrance was swept as needed.
- **Complaints Filed**
  - None
- **Dust Plume Response**
  - Site and site access road were watered regularly in order mitigate dust plumes.
- **Tier 3 California Emission Diesel Engine Requirements (AQ-SC5)**
  - See Construction Equipment Survey Form.
    - For Tier 3 equipment on site for more than 5 days the Engine Tier Design Table from California Code of Regulations Title 13, Section 2423 is used to determine engine tier.
    - For equipment on site for more than 5 days, where Tier 3 is not available, quotes from two vendors are in Attachment 2.
  - Equipment maintenance letters for equipment on site at the end of the month in Attachment 1.
  - Tier 1 crane exemption requested per AQ-SC5.b.4 and can be found in the October 2011 report.

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Appendix B
Equipment Survey Form

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

Equipment Type/Owner	Vehicle/Engine Model Year	Manufacturer	Horsepower	EPA/ARB Engine Tier
14H - Grader/Teichert	2004/2004	CAT	220	Tier 2**
420E - Backhoe/Cresco	2010/2010	CAT	99.9	Tier 3
Vibratory Roller/Teichert	2005/2005	IR/Cummins	156	Tier 2**
PC400 Excavator/Teichert	2005/2005	Komatsu	330	Tier 2**
Forklift G12-55A/United	2011/2011	JLG	130	Tier 3
210LJ - Skip Loader/Teichert	2010/2010	Deere	73	Tier 3
336E Excavator/Holt	2011/2010	CAT	314	Tier 3
TL1055 Forklift/Cresco	2011/2011	CAT	125	Tier 3
349E Excavator/Holt	2011/2011	CAT	317	Tier 4i
Sweeper/Teichert	1999/1999	LAY-MOR	29	N/A <50HP
GR500XL-1 Crane/Coastline	2008/2007	TADANO	223	Tier 3
580 Super N Backhoe/Flores	2011/2011	Case	97	Tier 3
CP-56 - Roller/Holt	2009/2009	CAT	156	Tier 3
Forklift G12-55A/United	2011/2011	JLG	130	Tier 3
Z45/25 RT Aerial Lift/Holt	2006/2006	Genie	50	Tier 2**
660SJ Aerial Lift/Holt	2004/2004	JLG	65	Tier 2**
TL1055 Forklift/Cresco	2008/2008	CAT	125	Tier 3
CS56 - Vibratory Roller/Holt	2008/2008	CAT	156	Tier 3
RTC8075 Crane/Maxim	2010/2010	Link-Belt	235	Tier 3
777 Crane/Essex	1998/1998	Manitowoc	330	Tier 1****
LR1200SX Crane/Essex	2006/2006	Liebherr	362	Tier 3
WA450 Loader/Teichert	2005/2005	Komatsu	261	Tier 2**
860SJ Aerial Lift/United	2009/2008	JLG	62	Tier 4i
800S Aerial Lift/United	2006/2005	JLG	65	Tier 2**
860SJ Aerial Lift/United	2008/2008	JLG	62	Tier 4i

Equipment Type/Owner	Vehicle/Engine Model Year	Manufacturer	Horsepower	EPA/ARB Engine Tier
Vibratory Roller/Teichert	2005/2005	IR/Cummins	156	Tier 2**
TL1255 Forklift/Cresco	2009/2008	CAT	142	Tier 3
D6T-XL/Holt	2011/2011	CAT	249	Tier 4i
S85 Aerial Lift/United	2008/2008	Genie	74	Tier 4i
800 AJ Aerial Lift/United	2008/2008	JLG	62	Tier 4i
Forklift G10-55A/RSC	2011/2011	JLG	130	Tier 3
Z135 Aerial Lift/United	2008/2008	Genie	74	Tier 4i
Ditchwitch RT45/Sunstate	2011/2008	Ditchwitch	45	N/A <50HP
Drillrig/West Coast Drilling	2003/2003	Kobelco	115	Tier 2^
VR-1056D Forklift/Sunstate	2011/2008	Skyjack	110	Tier 3
RC60 Forklift/Collins	1989/1987	CAT	70	Tier 0***
8042 Forklift/Ahern	2007/2007	Skytrak	110	Tier 3
S65 Aerial Lift/United	2003/2003	Genie	54	Tier 1***
S65 Aerial Lift/United	2011/2011	Genie	49	N/A <50HP
S60 Aerial Lift/United	/	Genie	49	N/A <50HP
600S Aerial Lift/Ahern	2011/2011	Genie	49	N/A <50HP
600 AJ Aerial Lift/Ahern	N/A/N/A	JLG	N/A	Not Diesel
S60 Aerial Lift/Sunstate	2008/2008	Genie	49	N/A <50HP
S60 Aerial Lift/United	2004/2004	Genie	49	N/A <50HP
600S Aerial Lift/United	2008/2008	JLG	49.5	N/A <50HP
* Tier 3 not required per AQCS5 - On site 5 days or less				
** Tier 3 not required per AQCS5 - Tier 3 not available, 2 quotes provided				
*** Removed from site - Does not meet AQSC5				
**** Specialty equipment. Exemption requested.				
^ Emission filter provided				

Note:

For all construction equipment 50 hp or higher that do not meet the Tier 3 California Emission Standards for Off-Road Compression- Ignition Engines, quotes from two separate vendor sources must be attached, documenting that the equipment in question is not available at the Tier 3 level

AQCMM Monthly Report

Attachment 1

Equipment Maintenance Letters

December 19, 2011

To Whom It May Concern,

Cresco Equipment Rentals has an established maintenance system which routinely keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

For large, metered equipment we have initial machine services done within the first 50 or 100 hours of the machine life, then regularly scheduled maintenance every 250 hours or per the various equipment manufacturer specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of a work order for a service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call John Mazur or Tyler Hardy at Cresco Product Support 925-228-9152.

Thank You,
John Mazur
Service Manager
Cresco Product Support

191 Howe Rd
Martinez CA, 94553
925-228-9152 ext.224
925-228-4552 fax

Jan. 10, 2012

To whom it may concern:

I Rick Flores am responsible for maintaing the Backhoe.

Rick Flores

1234 W. Charter way
Stockton CA 95206

December 19, 2011

Ms. Julie Range
Teichert Construction

Dear Ms, Range

The following equipment has been serviced and maintained to the manufactures specifications.

349E excavator, Serial number TFG00275
336E excavator, Serial number BZY00405
CP56 compactor, Serial number 0C5P00488

Regards,

Collin Turk
Holt of California
1234 W. Charter way
Stockton, CA 95206
P 209-462-3660
F 209-946-1777
C 209-649-3756
E Cturk@holtca.com

Stockton District
265 Val Dervin Parkway
P.O. Box 1118
Stockton, CA 95201-1118
(209) 983-2300 FAX (209) 983-2375

TEICHERT CONSTRUCTION

Established 1887

December 31, 2011

CH2M Hill
Brad Allender

RE: Mariposa Energy Project

SUBJECT: Off Highway Diesel Engine Maintenance Compliance

Mr. Allender,

This correspondence is to confirm A. Teichert & Son, Inc. maintains all off highway diesel engines in accordance with manufacturers' OEM specification.

Best regards,

Patrick Maul
Equipment Superintendent,
Teichert Mobile Equipment Division

Allender, Bradley/BAO

From: Hess, Jay [jhess@azco-inc.com]
Sent: Monday, January 09, 2012 3:09 PM
To: Allender, Bradley/BAO
Subject: RE: AZCO Nov. Maintenance letters

Brad, Maxim and Essex have been leased to AZCO and they are not responsible for maintaining this equipment while out on lease. AZCO will be handling the equipment maintenance based on manufacturers recommendations. This is for December.

Regards, Jay

From: Bradley.Allender@CH2M.com [mailto:Bradley.Allender@CH2M.com]
Sent: Monday, January 09, 2012 3:00 PM
To: Hess, Jay
Subject: RE: AZCO Nov. Maintenance letters

Jay,
Please send me an email stating that you have handled the maintenance for maxim and essex for December.

Brad

From: Hess, Jay [mailto:jhess@azco-inc.com]
Sent: Tuesday, November 29, 2011 8:37 AM
To: Allender, Bradley/BAO
Subject: AZCO Nov. Maintenance letters

Brad, Attached above are the maintenance letters for the equipment that AZCO has on site. You will not find a letter from Maxim or Essex. This equipment has been leased to AZCO and they are not responsible for maintaining this equipment while out on lease. AZCO will be handling the equipment maintenance based on manufacturers recommendations.

Regards, Jay

Jay Hess

AZCO INC.

C/O Diamond Generating

Mariposa Energy Project

4901 Bruns Rd.

Byron, CA 94514

Cell - 803 389 0698

jhess@azco-inc.com

Dedicated to Zero Injuries

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AZCO

HOLT of California CAT

12/19/11

To Whom It May Concern,

Holt of California/The Cat Rental Store has an established maintenance system which routinely keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

For large, metered equipment we have initial machine services done within the first 50 or 100 hours of the machine life, then regularly scheduled maintenance every 250 hours or per the various equipment manufacturers specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of a work order for a service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call Collin Turk with Holt of California at (209) 649-3756

Thank you,
Collin Turk

AZCO

Monday, December 19, 2011

To Whom It May Concern,

Cresco Equipment Rentals has an established maintenance system which routinely keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

For large, metered equipment we have initial machine services done within the first 50 or 100 hours of the machine life, then regularly scheduled maintenance every 250 hours or per the various equipment manufacturer specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of a work order for a service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call John Mazur or Tyler Hardy at Cresco Product Support 925-228-9152.

Thank You,
John Mazur
Service Manager
Cresco Product Support

191 Howe Rd
Martinez CA, 94553
925-228-9152 ext.224
925-228-4552 fax

AZCO

Coastline Equipment
Crane Division

325 N. 5th Street., Bldg. A, Sacramento, CA 95811 – Tel. No. (916) 440-8090 – Fax No. (916) 440-8094

12/19/11

To Whom It May Concern,

Coastline Equipment has a strict maintenance system standard that we adhere to in order to ensure that our fleet is up to manufacturer suggested service levels and in proper operational condition at all times. Our factory trained, certified mechanics maintain all of our rental equipment to manufacturer's specifications.

All maintenance and repair work is documented on work orders specific to each machine and a copy of a work order for a service or repair can be produced upon request. If you have any questions regarding the service or maintenance history of a machine please call **John Shebl at 916-440-8090**.

AZCO

RSC
Equipment Rental
4030 Pacheco Blvd
Martinez, CA 94553

12/19/11

To Whom It May Concern:

RSC Equipment Rental provides quality rentals, service, and sales of new and used equipment to a diverse group of customers in construction, industrial, petrochemical, mining, governmental, and manufacturing markets across North America. We strive to provide a current fleet, so you can be sure you are receiving quality, well-maintained equipment.

We maintain our fleet up to and beyond manufacturers' recommendations by utilizing the services of our factory-trained technicians who document all of their work through our Work Order system. We can take care of the maintenance on the equipment, so you won't need a repair shop, spare parts inventory, mechanics, or extra staff to take care of inventory maintenance records. Should you need information regarding an individual work order for a particular repair or service, we can provide that upon request.

Please feel free to call our office in Martinez if you have any questions. Our Service Manager, Stan Bullard, or Branch Supervisor, Ronnie Mayo, would be happy to assist you with any of your service or maintenance related questions.

We appreciate your business! Thank you!

Sincerely,

Charlie Buada
Branch Manager
Charles.buada@RSCRental.com

Office#: 925-370-1000 Fax#: 925-370-1025

Supervisor: Ron Mayo
Ronnie.mayo@RSCRental.com

Service Mngr: Stan Bullard
Stan.bullard@RSCRental.com

2911 E. Fremont St.
Stockton, Ca 95205
Jeremy Davis
209-321-3488

Updated:12/19/11

To Whom It May Concern,

United Rentals, Inc. has an well-known maintenance system which regularly keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

Our factory Trained mechanics maintain all our owned rental equipment to manufactures specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of a work order for a service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call Jeremy Davis at 209-321-3488 or John Borelli at 209-461-2816.

800-400-1610
For the location nearest you!

SINCE 1953
AHERN™
RENTALS
www.ahern.com

12/30/2011

To whom it may concern,

Ahern Rentals maintains its rental equipment to manufacture recommended levels or higher. All maintenance is performed by trained mechanics to factory specification to ensure proper operations and safety of all equipment. Records of all maintenance are kept on file at each location and can be viewed upon request.

Sunstate Equipment Rental

75 E Equipment Ct

Frenchcamp CA 95231

12/30/11

To Whom It May Concern,

Sunstate Equipment Rentals, Inc. has an well-known maintenance system which Regularly keeps our equipment at or exceeding manufacturers recommended service Levels and in proper operational condition.

Our factory trained mechanics maintain all our owned rental equipment to manufactures Specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a Copy of a work order for service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call

Dustin Holmes

209-482-7470

2911 E. Fremont St.
Stockton, Ca 95205
Jeremy Davis
209-321-3488

Updated:12/20/11

To Whom It May Concern,

United Rentals, Inc. has an well-known maintenance system which regularly keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

Our factory Trained mechanics maintain all our owned rental equipment to manufactures specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of a work order for a service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call Jeremy Davis at 209-321-3488 or John Borelli at 209-461-2816.

Corporate Headquarters
318 Stealth Court
Livermore, CA 94551
(925) 961-0130

December 29, 2011

Overaa Construction

200 Parr Blvd.

Richmond, CA 94801

Re: Cat TH560B Forklift 0518-4083

To whom it may concern,

Please let this letter serve as documentation that forklift number 0518-4083 (EIN# CN5X83) is powered by a Tier 2 certified Perkins diesel engine. The engine information is as follows:

2006 Perkins 3054 100HP

Family 6PKXL04.4RK1

Serial number CRX11724

In addition, this machine has been maintained according to the manufacturer's recommended preventative maintenance schedule.

Please call or e-mail me if you need any further information.

Regards,

Tyler Hardy

General Manager-Product Support

Cresco Equipment Rentals

PH: 925-228-9152 ext. 225, tyler_hardy@crescorent.com

Corporate Headquarters
318 Stealth Court
Livermore, CA 94551
(925) 961-0130

December 29, 2011

Overaa Construction

200 Parr Blvd.

Richmond, CA 94801

Re: Cat TL1055 Forklift NM28832

To whom it may concern,

Please let this letter serve as documentation that forklift number NM28832 (EIN# GT4R63) is powered by a Tier 3 certified CAT diesel engine. The engine information is as follows:

2011 CAT C4.4 125HP

Family BPKXL04.4NJ1

Serial number 44412632

In addition, this machine has been maintained according to the manufacturer's recommended preventative maintenance schedule.

Please call or e-mail me if you need any further information.

Regards,

Tyler Hardy

General Manager-Product Support

Cresco Equipment Rentals

PH: 925-228-9152 ext. 225, tyler_hardy@crescorent.com

WEST COAST DRILLING, INC.

Drilling Contractors

January 11, 2012

C. Overaa & Co.
200 Parr Blvd.
Richmond, CA 94801

Re: Mariposa Energy Project/ED190 Kobelco Drill Rig

To Whom It May Concern:

Our above referenced drill rig is powered by a 2003 Cummins engine (4BTA3.9, 103 HP @ 2,200 rpm. Max torque 283 ft lb, Serial #YL03-U0150).

While on the Mariposa project, routine maintenance was completed, including engine oil, radiator fluid, and hydraulic oil. No major services were done on the jobsite; however, this machine has been maintained according to the manufacturer's recommended preventative maintenance schedule.

If you have any further questions or need anymore information, please don't hesitate to call me.

Sincerely,

Jesse Combs

Jesse Combs
Equipment Manager
West Coast Drilling, Inc.

Post Office Box 254
Pinole, California 94564

Lic. #664239

Phone: (510) 245-0556
Fax: (510) 245-0559

AQCMM Monthly Report

Attachment 2

TIER 3

Non-availability quotes

4030 Pacheco Blvd
Martinez, CA 94553

AZCO INC

Ben Row

RSC Equipment Rental currently has no aerial work platforms diesel or gas powered available with Tier 3 engines.

If you have any further questions or inquires please contact me . Contact info is below.

Thank you

John R Stanton Jr
Account Manager
jihnrstanton@rscrental.com

925-584-1996

Allender, Bradley/BAO

From: Brian Womble [brian_womble@crescorent.com]
Sent: Thursday, October 13, 2011 10:39 AM
To: Row, Ben
Subject: out of stock

Mr.Row call to get two Tier 3 diesel booms one 45'straight boom and a 65' straight boom on Wednesday the 12th of October @ 2:00 pm .
Both booms were out of stock, Due to high demand on tier 3 and diesel and other projects going on.

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EQUIPMENT CORPORATION

HEAVY CONSTRUCTION EQUIPMENT RENTALS

REGIONAL HQ: 30243 KELSEY STREET VISALIA, CA 93291 (559) 651-0116 (800) 729-3226 FAX (559) 651-0986

DATE: July 18, 2011

FROM: **JIM ELI, NORTHERN CALIFORNIA FIELD REP**
5135 Red Rock Drive, P.O. Box 565, Foresthill CA 95631
Mobile: (916) 997-7492
Fax: (916) 880-5589
E-mail: jim.eccoequip@yahoo.com

TO: **PAT MAUL**
TEICHERTCONSTRUCTION
916-296-9991
Via e-mail to pmaul@teichert.com

Pat, please accept this memorandum as certification that ECCO Equipment Corp. does not have a Tier 3 D9 or a Tier 3 14H/M available for the Mariposa Energy project.

Thank you,

Jim Eli

HOLT of California

To: Pat Maul, Teichert Construction 6/28/11

From: Kevin Freeman, Holt of Cal.

Subject: Tier three rental units

Pat,

In reference to renting 631 Scrapers, 14M motorgrader and D9T tractors, we currently do not have any of these late model Tier 3 units available. We inventory the D9T and 14M, however they are on long term rental.

Sincerely, Kevin Freeman

Earthmoving Division

www.holtca.com

7310 Pacific Avenue
Pleasant Grove, CA 95668-9708
(916) 991-8200
(800) 452-5888 Toll Free
(916) 991-8290 Fax

1521 West Charter Way
Stockton, CA 95206-1112
(209) 466-6000
(800) 347-4658 Toll Free
(209) 467-4658 Fax

3440 East Pacheco Boulevard
Los Banos, CA 93635-9585
(209) 826-4919
(800) 660-4658 Toll Free
(209) 826-6884 Fax

UNITED EQUIPMENT COMPANY
P.O. BOX 740 – 600 W. GLENWOOD
TURLOCK, CA 95381

TELEPHONE (209) 632-9931
FAX (209) 632-8349

TO JULIE **DATE** 8/23/11 **PAGES** 1

RE: CHART **FROM** TOM

THANK-YOU FOR YOUR INQUIRY. PRESENTLY WE DON'T HAVE ANY TIER 3, 100 000 # EXCAVATORS AVAILABLE FOR RENT.

THANK-YOU.

Thomas J. Fellows

ECCO
Equipment Corporation

HEAVY CONSTRUCTION
EQUIPMENT RENTALS

30243 KELSEY STREET • VISALIA, CA 93291
(559) 651-0116 • (800) 729-3226 • FAX (559) 651-0986

August 24, 2011

To Whom It May Concern:

Re: Mariposa Energy Project

Teichert Construction has contacted ECCO Equipment in search of a 100,000 lb., tier 3 excavator for rental. Due to availability of equipment, at this time, ECCO is unable to meet their demand.

Thank You

Veronica Mendoza

Veronica Mendoza/Dispatcher
ECCO Equipment Corporation

UNITED EQUIPMENT COMPANY
P.O. BOX 740 – 600 W. GLENWOOD
TURLOCK, CA 95381

TELEPHONE (209) 632-9931
FAX (209) 632-8349

TO JULIE 944-7448 982-4060 **DATE** 8/18/11 **PAGES** 1

TRICHEAT CONSTRUCTION **FROM** TOM

THANK-YOU FOR YOUR INQUIRY REGARDING T-3 LOADERS. PRESENTLY WE HAVE NO TIER 3 MACHINES AVAILABLE FOR RENT.

Thomas B Sullivan
8/18/11

Allender, Bradley/BAO

From: Julie Range [JRange@teichert.com]
Sent: Thursday, August 18, 2011 12:59 PM
To: CJ Boone
Cc: Pat Maul
Subject: FW: 966

Loader letter

From: CTurk@holtca.com [mailto:CTurk@holtca.com]
Sent: Thursday, August 18, 2011 10:48 AM
To: Julie Range
Subject: 966

Julie,

Holt of California/The Cat Rental Store does not have a tier 3 966 wheel loader available. The best available technology would be a tier 2 compactor.

Please let me know if you have any questions.

Thank you,
Collin

Sent from my iPhone

Julie Range

From: CTurk@holtca.com
Sent: Friday, August 12, 2011 11:05 AM
To: Julie Range
Subject: 84" padded compactor

Julie,

Holt of California/The Cat Rental Store does not have a tier 3 CP56 compactor available. The best available technology would be a tier 2 compactor.

Please let me know if you have any questions.

Sent from my iPhone

UNITED EQUIPMENT COMPANY
P.O. BOX 740 – 600 W. GLENWOOD
TURLOCK, CA 95381

TELEPHONE (209) 632-9931
FAX (209) 632-8349

TO JULIE (983-2375) **DATE** 8/12/11 **PAGES** 1

TEICHERT **FROM** TOM

THANK-YOU FOR YOUR RENTAL REQUEST
FOR A LATE MODEL TIER 3 84" PADFOOT
WE DO NOT HAVE ONE

WE DO HAVE A 2005 84" PADFOOT

THANK-YOU.

Thomas R. Sullivan

Exhibit 9
Resource Specialists' Monthly Reports

Biological Resources Monthly Report

BIO-2

Biological Resources Mitigation Monitoring Monthly Compliance Report for the Mariposa Energy Project December 2011

Prepared for

Mariposa Energy, LLC

December 2011

CH2MHILL

2485 Natomas Park Drive
Suite 600
Sacramento, CA 95833

Designated Biologist:
Todd Ellwood, CH2M HILL
155 Grand Avenue, Suite 800
Oakland, CA 94612
Direct: (408) 839-2402

Email: todd.ellwood@ch2m.com

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Appendixes

A Cumulative Wildlife Species Observed In or Near the Project Area
B Representative Site Photographs
C Wildlife Observation Forms

Acronyms and Abbreviations

AMBA	American badger
BMP	Best Management Practice
BM	Biological Monitor
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
BUOW	burrowing owl
BBID	Byron Bethany Irrigation District
CDFG	California Department of Fish and Game
CEC	California Energy Commission
CTG	Combustion Turbine Generator
CPM	Compliance Project Manager
CRLF	California red-legged frog
CTS	California tiger salamander
cogen	cogeneration
COC	Condition of Certification
D	Drainage
DB	Designated Biologist
ECM	Environmental Compliance Manager
kV	kilovolt(s)
MEP	Mariposa Energy Project
PG&E	Pacific Gas & Electric
RWQCB	Regional Water Quality Control Board
SJKF	San Joaquin kit fox
WPPP	Stormwater Pollution Prevention Plan
SWHA	Swainson's hawk
USACE	U.S. Army Corps of Engineers
WPT	western pond turtle
WEAP	Worker Environmental Awareness Program

SECTION 1

Introduction

This Monthly Compliance Report for the Mariposa Energy Project (MEP) has been prepared to comply with California Energy Commission (CEC) Condition of Certification (COC) BIO-2. MEP will be a nominal 200-megawatt (MW) simple-cycle generating facility consisting of four General Electric Energy LM6000 PC-SPRINT natural gas-fired combustion turbine generators and associated equipment. The facility will be located in northeastern Alameda County, California, on an approximately 10 acres of a 158-acre parcel that consists of non-irrigated grazing land, a former wind-turbine development, and an existing cogeneration (cogen) power plant. The MEP site is approximately 7 miles northwest of Tracy, 7 miles east of Livermore, 6 miles south of Byron, and approximately 2.5 miles west of the community of Mountain House.

Temporary construction facilities will include a 9.2-acre worker parking and laydown area immediately east of the MEP site and a 1-acre water supply pipeline parking and laydown area located at the Byron Bethany Irrigation District (BBID) headquarters facility on Bruns Road. Equipment staging for the construction of the transmission line and gas line will take place in the 9.2-acre laydown area. The main laydown area will be in use for approximately 14 months, including during the wet season. Because heavy machinery will be used at the site, portions of the 9.2-acre laydown area will require gravel or road base with an underlayment of geotextile fabric for stabilization. Topsoil stripped from the laydown will be stockpiled onsite inside the laydown area. During project completion, ripping will be performed to a depth no less than 2 feet to reduce compaction of underlying native soils. The resulting roughed soil surface will be smoothed and covered with salvaged topsoil removed from the laydown area during initial ground-breaking activities. The base rock and fabric underlayment will be removed before ripping and replacing the topsoil. This procedure will facilitate post-construction restoration. The temporary laydown area for the water supply pipeline will be located within an existing maintenance yard at BBID's headquarters.

The existing gravel road from Bruns Road provides access to the Byron Cogen Power Plant. A portion of this gravel road will be improved and used during construction and operation of MEP. Improvements resulting in a permanent loss of grassland habitat include widening the road from approximately 10 to about 20 feet, and adding an asphalt layer. Temporary overland access routes to the transmission line corridor and gas line corridor will originate from this main road and all access to the offsite facilities work areas will occur in upland grassland areas only. All nearby seasonal wetlands, such as vernal pools, will be avoided during overland access. Access to the water supply pipeline corridor will be from existing roads including Bruns Road, a portion of the onsite main access road, and a BBID agricultural dirt road.

In addition to the new power plant and associated equipment, the Project includes the following offsite facilities:

- A new 580-foot-long, 8-inch-diameter natural gas pipeline connection with Pacific Gas & Electric's (PG&E) existing high-pressure gas line
- A new 1.8-mile-long, 10-inch-diameter water supply pipeline connection with BBID's Canal 45
- An approximately 0.7-mile-long, single-circuit, three-phase, 230-kilovolt (kV) transmission line interconnection

The gas pipeline will run generally to the east from the project site, staying on the 158-acre project parcel, and will be installed in a relatively shallow trench. The water supply pipeline will be placed in or along Bruns Road and run from Canal 45 south to the power plant site. The water supply pipeline will cross seven culverts using either underground tunneling (pipe ramming) or open-cut trenching. From Bruns Road, the water supply pipeline will follow the existing access road to the power plant site. The 230-kV line will run generally north from the project site, staying east of the Byron Power Cogen Plant, crossing Kelso Road, and staying east of the PG&E Bethany Compressor Station. It will turn west just north of the Kelso Substation, then turn south to the final interconnect point at PG&E's Kelso Substation.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Protection measures were developed during informal and formal consultation with state and federal agencies to minimize unavoidable project impacts. Project approval from the CEC was issued on May 18, 2011, and included conditions that must be monitored by the Designated Biologist (DB). The U.S. Army Corps of Engineers (USACE) Nationwide Permit (SPK-2009-01261) (including U.S. Fish and Wildlife Service Biological Opinion [Reference #84120-2009-F-1306-2]) was issued to the project on May 17, 2011. The Regional Water Quality Control Board (RWQCB) 401 Water Quality Certification (WDID #5B01CR00012) was issued to the project on May 26, 2011. The DB or Biological Monitor (BM) will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP) which includes the aforementioned permits. The following report includes a summary of the MEP monitored biological activities for December 2011.

SECTION 2

Monitored Mitigation Measures

Mitigation measures for the MEP were developed through consultation with the CEC (in consultation with California Department of Fish and Game [CDFG]), USACE, USFWS, and RWQCB. Documentation of compliance with any conditions of the agency permits will be included in this section when required on the project.

2.1 Conditions of Certification

All COCs were in compliance for the month of December. The following COCs—BIO-5, BIO-7, BIO-8, BIO-9, BIO-10, BIO-11, BIO-12, BIO-13, BIO-14, BIO-15, and BIO-17—were applicable compliance measures and require specific language to be included in each monthly compliance report. Therefore, each is addressed separately below.

2.1.1 BIO-5

BIO-5 states that every worker will attend and participate in the Worker Environmental Awareness Program (WEAP) and the DB and/or BM make site visits to insure that BIO-5 was in compliance. During the month of December, DB Todd Ellwood and BMs Steve Sykes and Dr. G.O. Graening verified project compliance with BIO-5.

2.1.2 BIO-7

BIO-7 addresses the implementation and application of biological impact and avoidance measures, Best Management Practices (BMPs), Stormwater Pollution Prevention Plan (SWPPP), and staking and flagging of exclusion zones of biological resources. Also, every worker must participate in the WEAP and the DB and/or BM are to make site visits to insure that BIO-7 was in compliance during the month of December.

Installation of worker exclusion fencing and wildlife exclusion fencing progressed in several phases to accommodate construction activities while breeding burrowing owls were present within the project footprint. The first phase (Phase 1) of the fencing plan was completed on June 14, 2011, and included the area associated with the fire pump foundation and water line. Subsequent phases of the fencing plan were completed on July 6, July 11, July 21, July 25, and September 30, 2011. Installation of the worker exclusion fence along the northern extent of the transmission line corridor (north of Kelso Road) was started on December 30, 2011, and is expected to be completed in early January 2012. The BMPs implemented to minimize temporary impacts to Waters of the U.S. were sent to the USACE on June 30, 2011. During the month of December, minor repairs were made to wildlife exclusion fencing to repair damage primarily due to strong winds. Ground squirrels or other small mammals occasionally burrowed under fencing, and these holes were filled by moving loose dirt back into the hole using a boot or hand. During the month of December, the DB and BMs verified project compliance with BIO-7 and the conditions of the USACE permit, USFWS Biological Opinion, and RWQCB permit.

2.1.3 BIO-8

BIO-8 requires that preconstruction nest surveys be conducted for birds for all project components (i.e., power plant site and linear facilities). Surveys are to include all potential nesting habitat within 500 feet of the MEP site and linear facilities (except for Swainson's hawk [SWHA], see BIO-15). At least two preconstruction surveys are to be conducted, separated by a minimum 10-day interval. One of the surveys needs to be conducted within the 14-day period preceding initiation of construction activity. Additional follow-up surveys may be required if periods of construction inactivity exceed three weeks in any given area. If active nests are detected during the survey, a no-disturbance buffer zone (protected area surrounding the nest, the size of which is to be determined by the DB in consultation with CDFG and USFWS Migratory Bird Office) and monitoring plan must be developed. The monitoring plan is to include avoidance measures and remedial actions if the avoidance measures are not successful. Nest locations are to be mapped using GPS technology and submitted, along with a weekly report stating the survey results, to the Compliance Project Manager (CPM). The DB is to monitor the nest until he determines that nestlings have fledged and dispersed; activities that might, in the opinion of the DB, disturb nesting activities, are to be prohibited within the buffer zone until such a determination is made. No less than 2 days prior to the start of any ground disturbing activities or construction equipment staging, the project owner is to provide the CPM a letter-report describing the findings of the preconstruction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed.

A survey for nesting birds was performed for the MEP site and linear facilities (and surrounding areas) and submitted to the CEC on May 27, 2011, in anticipation of an early June 2011 start date. Included with the survey report was the bird nest monitoring plan. The DB and BMs performed the preconstruction surveys following standard survey techniques. Based on the surveys conducted in August, all known nests are no longer active, and this was reported in the weekly nesting update submittal dated August 18, 2011. No surveys for nesting birds were conducted during December, but daily monitoring included surveys for any birds or nests that might be present within construction areas.

2.1.4 BIO-9

BIO-9 requires that the project owner implement measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to listed fairy shrimp or tadpole shrimp species and habitat. Avoidance and minimization measure are to include a buffer zone of 250 feet or the limit of the immediate watershed supporting the seasonal wetland (whichever is larger) around all known and potentially occupied branchiopod habitat. The buffer zone is to be delineated with temporary fencing. The fencing must be kept in good repair and remain installed for the duration of MEP construction. If this buffer zone is not feasible for any potential habitat, a buffer zone may be delineated in consultation with CDFG and USFWS. The BM will be onsite during all ground disturbing work within 250 feet of potential branchiopod habitat, and will oversee all off-road vehicle access for the project. To the extent possible, construction of the linear projects will occur during the dry summer season to minimize the potential for indirect effects on nearby branchiopod habitat.

A reduced buffer zone of 25 feet along the transmission line corridor was approved by the USFWS in the Biological Opinion. The buffer zone was delineated with worker exclusion

fence (BIO-7) on June 14, 2011. During the month of December, no construction work occurred within the transmission line corridor. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-9.

2.1.5 BIO-10

BIO-10 requires a CPM (in consultation with the USFWS and CDFG)-approved California red-legged frog (CRLF) and California tiger salamander (CTS) management plan that presents measures to manage the construction site, and related facilities, in a manner to avoid and minimize impacts to CRLF and CTS. The measures are to include at a minimum: avoidance; exclusionary fencing; clearance surveys; burrow avoidance along linear routes; daily checks for CRLF and CTS under equipment; seasonal work restrictions; habitat avoidance; speed limits; road mortality monitoring along Bruns Road; implementation of SWPPP BMPs; and installation of a perimeter barrier around the MEP site during plant operations. No less than 30 days prior to the start of any project-related ground disturbance, the project owner is to provide the final Management Plan to the CPM, CDFG, and USFWS. The final, approved Management Plan must be incorporated into the BRMIMP within 10 days of completion of the plan, and implemented. Within 60 days of completion of the permanent power plant site fence, the project owner is to submit a figure and photographs to the CPM, CDFG, and USFWS of the CTS and CRLF barrier fence.

The management plan was submitted to the CPM and USFWS on June 8, 2011. Preconstruction surveys associated with the fire pump foundation work and water line construction for CRLF and CTS were completed on May 27, May 31, and June 14. Additional preconstruction surveys associated with the progression of the wildlife exclusion fence (BIO-7) at the MEP site occurred on June 6, June 11, June 21, and June 25. Preconstruction surveys associated with the installation of utility poles and wiring by PG&E for the temporary power supply to the trailer village were performed on September 1. A preconstruction survey associated with extension of the wildlife exclusion fence to incorporate the area for the PG&E natural gas pipeline was conducted on September 29. Additional preconstruction surveys of the transmission line corridor were conducted on September 2 and 6. No construction activities occurred within the transmission line corridor during the month of December. No CRLF or CTS were observed during the surveys and none have been found onsite during project construction. The DB and/or BM were onsite daily during construction activities and verified project compliance with BIO-10.

2.1.6 BIO-11

BIO-11 requires direct impacts avoidance to WPTs by implementing preconstruction surveys concurrent with the CRLF and CTS preconstruction surveys (BIO-10). WPT must be avoided to the extent possible and avoidance areas are to be delineated by exclusionary fencing. If WPTs are found within the project disturbance area that cannot be avoided, the WPTs must be relocated to the CPM (in consultation with CDFG)-approved relocation site. The project owner is to submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground-disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed impact minimization measures. Within 30 days after completion of construction of the project linears, the project owner is to provide to the CDFG and CPM a written construction termination report identifying how impact minimization measures have been completed.

Preconstruction surveys associated with the fire pump foundation work and water line construction for WPT were completed on May 27, May 31, and June 14. Additional preconstruction surveys associated with the progression of the wildlife exclusion fence (BIO-7) at the MEP site occurred on June 6, June 11, June 21, and June 25. Preconstruction surveys associated with the installation of utility poles and wiring by PG&E for the temporary power supply to the trailer village were performed on September 1. A preconstruction survey associated with extension of the wildlife exclusion fence to incorporate the area for the PG&E natural gas pipeline was conducted on September 29. Additional preconstruction surveys of the transmission line corridor were conducted on September 2 and 6. No WPTs were observed during the surveys.

No WPT were observed in the pump house construction area during December. Canal 45, which is adjacent to the project's pump house, has been dewatered since the beginning of October for maintenance work unrelated to the MEP. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-11.

2.1.7 BIO-12

BIO-12 requires the project owner to implement the measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to breeding and foraging burrowing owls (BUOW). These measures include: preconstruction surveys; avoidance measures such as buffer zones and monitoring; and implementation of a CPM (in consultation with CDFG)-approved BUOW management plan. The DB is to provide the CPM and CDFG preconstruction survey results within 10 days of the completion of the survey. If preconstruction surveys detect BUOW within 500 feet of proposed construction activities, the DB is to provide to the CPM and CDFG documentation indicating that non-disturbance buffer fencing has been installed no less than 10 days prior to the start of any project-related site disturbance activities. The documentation must include both a figure and photographs showing the location of the fencing. If preconstruction surveys detect BUOW or active BUOW burrows within the project disturbance area, the project owner must provide to the CPM and CDFG a final Burrowing Owl Mitigation Plan no less than 10 days prior to the start of construction. The measures described in the plan must be incorporated into the BRMIMP no less than 10 days of completion of the plan, and implemented. The project owner is to report monthly to the CPM and CDFG for the duration of construction on the implementation of BUOW avoidance and minimization measures. Within 30 days after completion of construction the project owner must provide to the CDFG and CPM a written construction termination report identifying how mitigation measures, including those measures described in the plan if a plan was required, have been completed.

The BUOW management plan was submitted to the CPM on April 24, 2011. A total of six active burrowing owl burrows were detected within 500 feet of the project area during preconstruction surveys (BIO-8). Of these, five of the burrows were within 250 feet of the project. Worker exclusionary fencing (BIO-7) was installed at least 250 feet from each of the five burrows and each breeding pair was monitored at a minimum weekly (described in the weekly bird nest monitoring reports) during project construction. Two breeding pairs that occurred within the proposed 9.2-acre laydown area were determined to have abandoned the burrows on June 30, 2011; therefore, both burrows in coordination with the CPM and

CDFG were fitted with one-way doors on July 5 (passive relocation) and subsequently excavated by hand and collapsed by the BM to prevent reoccupation on July 8. The owlets associated with a breeding pair located along the proposed MEP access road were determined to have fully fledged on July 13, 2011. Therefore, in accordance with the CEC and CDFG approved management plan, the DB commenced passive relocation on July 15 and subsequently collapsed the burrow to prevent reoccupation.

One-way doors installed on burrows near the Byron Cogen facility remained in place during December. They were inspected regularly to ensure they remained in place and no sign of BUOW was observed in this area. On a few of the burrows blocked with one-way doors, squirrels have dug holes around the doors, and are utilizing these burrows. It was decided not to interfere with this squirrel use, but simply to monitor these burrows for possible use by BUOW. No new active BUOW sites were discovered during the month of December. BUOW were observed infrequently in December on a hill under the Western Area Power Administration (WAPA) transmission line corridor, which is over 500 feet east of MEP's transmission line corridor.

The DB and/or BMs ensured that all site work that occurred during December avoided BUOWs and the worker exclusion fencing remained in good repair. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-12.

2.1.8 BIO-13

BIO-13 requires the avoidance of direct impacts to American badgers (AMBA) by implementing preconstruction surveys concurrent with the San Joaquin kit fox (SJKF) and BUOW preconstruction surveys. The DB must perform preconstruction surveys for AMBA dens in the project area, including areas within 200 feet of all project facilities, utility corridors, and access roads. If dens are detected each den is to be classified as inactive, potentially active, or definitely active. Den avoidance, monitoring, and destruction methods must adhere to those prescribed for SJKF avoidance and minimization (BIO-14). The project owner is to submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed impact minimization measures. Within 30 days after completion of construction of the project, the project owner must provide to the CDFG and CPM a written construction termination report identifying how impact minimization measures have been completed.

The initial AMBA preconstruction survey occurred on May 31, 2011, and several follow-up surveys occurred associated with the progression of wildlife exclusion fencing (BIO-7). No AMBA or their sign (scat or tracks) were observed during preconstruction surveys. A total of nine potential SJKF dens, which were also considered potentially suitable for AMBA, were detected during the May 31 survey within 200 feet of the project. Seven of the nine burrows excavated by the DB and/or BMs in June and July 2011 were determined to be unoccupied by SJKF and AMBA, thus they were subsequently backfilled to prevent future occupation by both species. Consistent with the USFWS survey protocol, the other two potential kit fox dens were not excavated because they occur greater than 50 feet from the project site. During December, no sign of kit fox or badger use was observed at any burrow in the project area and no individual AMBA or SJKF were observed or reported. The DB

and/or BMs were onsite daily during construction activities and verified project compliance with BIO-13.

2.1.9 BIO-14

BIO-14 requires the project owner to prepare and implement a SJKF Management Plan that includes the following measures, developed in cooperation with USFWS and CDFG: preconstruction surveys; exclusion zones; avoidance measures related to destruction of dens; and avoidance and minimization measures related to construction and operational activities. The project owner is to submit to the CPM, CDFG, and USFWS the final SJKF Management Plan no less than 30 days prior to the start of ground disturbing activities or construction equipment staging. The mitigation measures in the plan must be incorporated into the BRMIMP within 10 days of completion of the plan, and implemented. The project owner is to submit a report to the CPM and CDFG at least 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed minimization measures. No less than 30 days after completion of construction of the project linears, the project owner must provide to the USFWS, CDFG, and CPM a written construction termination report identifying how impact minimization measures in the plan have been completed

The SJKF management plan was submitted to the CPM and USFWS on April 25, 2011. The initial SJKF preconstruction survey occurred on May 31, 2011, and several follow-up surveys associated with the progression of wildlife exclusion fencing (BIO-7) occurred during June. No SJKF or their sign (scat or tracks) were observed during preconstruction surveys. A total of nine potential SJKF dens were detected during the May 31 survey. In accordance with the management plan and USFWS Biological Opinion, seven burrows that were excavated carefully by the DB and/or BMs in June and July 2011 were determined to be unoccupied by SJKF and AMBA, thus they were subsequently backfilled to prevent future occupation by both species. No SJKF were observed or reported in the project area during December. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-14.

2.1.10 BIO-15

BIO-15 requires that if construction occurs during the SWHA breeding season (March through August), a preconstruction nest survey must be conducted within 30 days prior to the beginning of construction activities by a qualified biologist in order to identify active nests in the project site vicinity. Surveys are to be conducted according to the *Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley*. If active nests are found within 0.5 mile of the project disturbance area, an initial temporary nest disturbance buffer must be established. If project related activities within the temporary nest disturbance buffer are determined to be necessary during the nesting season (approximately March 1 and September 1), then a biologist experienced with raptor behavior must be retained by the project owner to monitor the nest, and must, along with the project owner, consult with the CPM and CDFG to determine the best course of action necessary to avoid nest abandonment or take of individuals. The DB or BM approved for raptor monitoring must be onsite daily while construction related activities are taking place and must have the authority to stop work if raptors are exhibiting agitated behavior. In consultation with the CPM and CDFG and depending on the behavior of the raptors, over

time it may be determined that the onsite biologist/monitor may no longer be necessary due to the raptors' acclimation to construction related activities. The project owner must submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging, that describes when SWHA surveys were completed, identification and qualifications of the biologist conducting the surveys, observations, and, if required, updates to the BRMIMP based upon findings.

A single active SWHA nest was observed during preconstruction surveys (BIO-8) approximately 0.48 mile west of the MEP site. Because the project lies within 0.5 mile of the nest site, the DB consulted with CEC and CDFG on June 10, 2011, was authorized to reduce the avoidance buffer from 0.5 to 0.48 mile. During daily monitoring, it was determined by the DB that the nesting pair due to undetermined natural causes abandoned the nest site. The DB and/or BMs monitored the abandoned nest site weekly thereafter for any signs of re-occupancy. No nesting activity was observed during December. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-15.

2.1.11 BIO-17

BIO-17 requires avoidance and minimization of impacts to wetlands and waters. No less than 10 days prior to ground disturbance, the project owner must provide the CPM, CDFG, and USFWS with a report identifying the location of any protective fencing, including a figure and photographs that show the fencing. If bentonite will be used, an Emergency Spill Response Plan, a "Frac-out" Monitoring Plan, and a Biological Monitoring Plan must be submitted to the CDFG for review and comment and to the CPM for approval no less than 30 days prior to the start of project ground-disturbing activities. Plan approval must be obtained before construction using bentonite may commence. The project owner must report monthly to the CPM, CDFG, and USFWS for the duration of construction on the implementation avoidance and minimization measures. Within 30 days after completion of construction the project owner must provide to the USFWS, CDFG, and CPM a written construction termination report identifying how mitigation measures have been completed.

Starting on June 14, 2011, wildlife exclusion fencing and worker exclusion fencing (BIO-7) were installed for the protection of wetland and waters. No bentonite will be used during project construction; therefore, a frac-out monitoring plan will not be necessary. No impacts to wetlands and other jurisdictional waters occurred during December. The DB and BMs were onsite daily during construction activities and verified project compliance with BIO-17, USACE Nationwide Permit, and RWQCB Water Quality Certification.

2.2 Worker Environmental Awareness Program

The WEAP was developed exclusively for MEP. Program materials include a worker handbook, training video, posted speed limit signs and sensitive species awareness supporting posters. As required by the CEC COC BIO-5, all new employees must attend the WEAP. A total of 70 personnel received WEAP training in December. The onsite deputy Environmental Compliance Manager (ECM) administered the WEAP training to new employees. Copies of the signed training logs are kept on file at the construction site.

SECTION 3

Summary of Site Activities and Monitoring Observations

This section provides a summary of December project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. During December the onsite BM was Steve Sykes or Dr. G.O. Graening. The DB and BMs complete logs summarizing activities, personal interactions, and observations made during each site visit. Monitoring visits by the DB and/or BMs were conducted daily to document permit compliance. These logs are available on request. Representative photographs are included in Appendix B. Wildlife Observation Forms were completed by the BMs when wildlife was directly encountered during construction activities in December and are included in Appendix C.

3.1 Week 26 (December 1–2)

Work activities on the main site included the application of hydroseed/hydromulch on bare slopes throughout the construction site, as well as continuing vertical and modular construction of the generating units, plus delivery of more components; nearly all of the open trenches were backfilled as subterranean piping was completed. No animals were found in open trenches this week.

Hotline Inc. continued electrical work at the water supply pipeline pump house. During routine inspections of the worker exclusion fence around the MEP site perimeter, minor repairs were made to isolated segments damaged by strong winds.

No owls have returned to the Byron Cogen burrow area, and no additional ground squirrel disturbance has occurred around the burrow exclusion devices. One burrowing owl was observed on December 2 in the WAPA corridor approximately 450 feet east of the MEP transmission line corridor.

All site disturbances remained inside the approved work boundary, which was delineated by the worker and wildlife exclusion fencing. MEP site activities avoided the 250-foot buffer around all currently-occupied burrowing owl sites. No special-status species, including BUOW, CRLF, CTS, SJKF, AMBA, or WPT, were observed or reported within the construction site during week 26. During week 26, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

3.2 Week 27 (December 5–9)

Work activities this week included the installation of the generator component of Combustion Turbine Generator (CTG) 900, and the continued assembly of CTG 600 and 700 components. Various foundation forms were constructed and installation of piping and

backfilling of trenches continued. Conduits for telecom and power lines were installed and buried in a trench that span from the guard shack to the power plant site.

The BM was onsite with Sacramento Drilling Crew during servicing of the Baker Tank at the transmission line corridor at Kelso Road. No liquids were spilled, and all workers and vehicles remained inside the delineated work corridor. There were no encounters with wildlife during the work.

All site disturbances remained inside the approved work boundaries, which were delineated by the worker and wildlife exclusion fencing. No special-status species, including CRLF, CTS, SJKF, or AMBA, were observed or reported within the construction site during week 27. During week 27, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

3.3 Week 28 (December 12–16)

During week 28, MEP site work included continuing assembly of the generators and delivery of more components. Forms were erected and concrete cast for several small foundations and slabs. Additional piping was installed. The installation of copper wire for the grounding grid continued this week, and has been ongoing for several weeks.

In anticipation of transmission line work resuming in early January 2012, DB Todd Ellwood was onsite December 15 with the BM to delineate the location of worker exclusion fence along the transmission line work corridor north of Kelso Road. Because the transmission line corridor has been inactive for more than two weeks, BM Steve Sykes performed a resurvey for special-status species within 500 feet of the corridor on December 16. A resurvey of the transmission line corridor was conducted to ensure that the site conditions remained unchanged, and that no special-status species had moved into the area that could be impacted by continuation of work activities. This survey was conducted in accordance with the Conditions of Certification BIO-7, BIO-8, BIO-10, BIO-11, BIO-13, BIO-14, and BIO-15.

No BUOW, CRLF, CTS, SJKF, AMBA, or WPT were observed within 250 feet of the work corridor. Consistent with past survey results, none of the burrows within the survey area were of suitable size for use as potential dens for SJKF or AMBA. Three burrow complexes were found to support BUOW within 500 feet of the work corridor. One complex, located approximately 425 feet northeast of proposed Pole 7, had two burrows with active owl sign. A single owl was observed at this location during the survey. The second complex was observed approximately 500 feet east of the work corridor (halfway between Pole 6 and 7), which supports three burrows with active owl sign. A single owl was observed at this location during the survey. The third complex is located approximately 425 feet east of Pole 5. The occurrence has been regularly active since late August 2011. A single owl was observed at this location during the survey. No other nesting birds were found in the survey area, which would be expected for the time of the year. Additionally, no nesting habitat is present for SWHA within the survey area.

No owls have returned to the Byron Cogen burrow area. However, ground squirrels have bypassed the exclusion devices. One burrowing owl was observed on December 12, approximately 450 feet east of the transmission line corridor and south of Kelso Road on the hill under the WAPA transmission corridor.

All site disturbances remained inside the approved work boundaries, which was delineated by the wildlife and worker exclusion fencing. No special-status species, including BUOW, CRLF, CTS, SJKF, AMBA, or WPT, were observed or reported within the construction site during week 28. MEP site activities avoided the 250-foot buffer around all previously occupied burrowing owl sites. During week 28, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

3.4 Week 29 (December 19–23)

This week MEP site work included the backfilling of trenches for telecom lines on the entrance road and component assembly of the CTGs. Surveying and other preparatory activities related to construction of the MEP switchyard occurred from December 19 to 21. On December 22, auguring began for drilled piers for the poles in the switchyard. Construction activities included assembly of CTG parts and the pouring of concrete for foundations for the administration and warehouse buildings, and other structures.

On December 19, the BM performed a pre-construction survey of the gas line corridor and supervised a PG&E crew that entered this area to conduct potholing. “Potholing”, a form of excavation with pressurized water hose and vacuuming of loosened soil, was performed to determine the exact location of the PG&E gas line. No wildlife was observed.

On December 21, a construction manager observed an unidentified mouse in one of the electrical vaults. The next day, a (humane) live trap was baited and set for the mouse. On December 23, the live trap set for the mouse was found to be empty, although the cheese bait that was put outside the trap was eaten. A ladder was installed and continued to remain in place over the weekend, with the intent of providing an escape route for mice. The mouse was never caught in trapping efforts that continued into the following week. Please refer to Appendix C for the wildlife observation form that documents this wildlife encounter.

On December 23, small mammal tracks were observed by construction workers in a muddy area at the Emissions Control Module of CTG 600. The BM made a preliminary identification of raccoon (*Procyon lotor*).

All site disturbances remained inside the approved work boundaries, which were delineated by the worker and wildlife exclusion fencing. No special-status species, including BUOW, CRLF, CTS, SJKF, AMBA, or WPT, were observed or reported during week 29. MEP site activities avoided the 250-foot buffer around all previously-occupied burrowing owl sites. No burrowing owls were observed this week, and no new active burrowing owl locations were observed near the transmission line corridor. During week 29, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

3.5 Week 30 (December 26–30)

Construction activities included the continued drilling of holes and casting of concrete piers for the poles in the switchyard, as well as component assembly of the CTGs. The construction site was not active on December 26 due to the Christmas holiday.

The DB and BM Steve Sykes had various meetings with construction staff regarding how to access the transmission line work corridor north of Kelso Road. Of particular interest was if temporary metal trench plates could feasibly and safely provide for the access of construction equipment over Drainage 2a (D-2a) and Erosional Channel 1 (E-1) that intersect the work corridor.

On December 30, a crew from Jackson Construction began installing worker exclusion fencing along the transmission line corridor north of Kelso Road. The BM monitored the crew throughout the day to ensure the fencing was installed in the correct location. The contractor also installed trench plates over D-2a and E-1 in a manner that did not cause any impacts to the drainage features. The BM also guided trucks and forklifts within the work corridor along a path that avoided small mammal burrows.

On December 27, the BM observed an emaciated squirrel with nearly a bare tail running inside the wildlife exclusion fence near the entrance to the PG&E gas line area (see Appendix C for more information). The BM captured the animal with a bucket and released it into a burrow approximately 400 feet outside the project site.

No owls have returned to the Byron Cogen burrow area and no additional disturbance has occurred around the burrow exclusion devices. No mice were caught in the live trap set during week 29.

All site disturbances remained inside the approved work boundaries, which were delineated by the worker and wildlife exclusion fencing. No special-status species, including BUOW, CRLF, CTS, SJKF, AMBA, or WPT, were observed or reported during week 30. MEP site activities avoided the 250-foot buffer around all previously-occupied burrowing owl sites. No burrowing owls were observed this week, and no new active burrowing owl locations were observed near the transmission line corridor. During week 30, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

Appendix A
Cumulative Wildlife Species Observed In or Near the Project Area

APPENDIX A

Cumulative Wildlife Species Observed In or Near the Project Area

TABLE A-1
Cumulative (Vertebrate) Wildlife Species Observed In or Near the MEP Area

Common Name	Scientific Name
Birds	
Mallard	*Anas platyrhynchos*
Great blue heron	*Ardea herodias*
Turkey vulture	*Cathartes aura*
White-tailed kite	*Elanus leucurus*
Northern harrier	*Circus cyaneus*
Red-tailed hawk	*Buteo jamaicensis*
Swainson's hawk	*Buteo swainsoni*
American kestrel	*Falco sparverius*
Killdeer	*Charadrius vociferus*
Common snipe	*Gallinago gallinago*
Gull	*Larus* sp.
Rock dove (*exotic*)	*Columba livia*
Mourning dove	*Zenaida macroura*
Barn owl	*Tyto alba*
Burrowing owl	*Athene cunicularia*
Black phoebe	*Sayornis nigricans*
Loggerhead shrike	*Lanius ludovicianus*
Western scrub-jay	*Aphelocoma californica*
American crow	*Corvus brachyrhynchos*
Common raven	*Corvus corax*
Horned lark	*Eremophila alpestris*
Cliff swallow	*Petrochelidon pyrrhonota*
Barn swallow	*Hirundo rutica*
Northern mockingbird	*Mimus polyglottos*
European starling (*exotic*)	*Sturnus vulgaris*
Red-winged blackbird	*Agelaius phoeniceus*
Tricolored blackbird	*Agelaius tricolor*
Brewer's blackbird	*Euphagus cyanocephalus*
Western meadowlark	*Sturnella neglecta*
Brown-headed cowbird	*Molothrus ater*
House finch	*Carpodacus mexicanus*
House sparrow (*exotic*)	*Passer domesticus*
Mammals	
Red fox *(exotic)*	*Vulpes vulpes*
Black-tailed hare	*Lepus californicus*
California ground-squirrel	*Spermophilus beecheyi*
Audubon's cottontail	*Sylvilagus audubonii*
Botta's pocket gopher	*Thomomys bottae*
Field mouse	Species unknown
Coyote	*Canis latrans*
Reptiles	
California kingsnake	*Lampropeltis getula californiae*
Pacific gopher snake	*Pituophis catenifer catenifer*
Western fence lizard	*Sceloporus occidentalis*
Western pond turtle	*Actinemys marmorata*
Amphibians	
Western toad	*Bufo boreas*
Chorus frog	*Pseudacris regilla*

Appendix B
Representative Site Photographs

APPENDIX B

Representative Site Photographs

PHOTO 1
View looking south of the freshly sprayed hydromulch & seed that was applied throughout the main construction site.
Photo taken: 12/1/11

PHOTO 2
Trench plates installed to span (and completely avoid) D-2a.
Photo taken: 12/30/11

PHOTO 3
A PG&E crew "potholing" (excavation with water hose and vacuum) to determine exact location of underground pipes in the gas line corridor.
Photo taken: 12/13/11

PHOTO 4
View looking northeast of trench on entrance road for telecom conduit.
Photo taken: 12/8/2011

PHOTO 5
Humane trap set by the BM in an electrical vault in an attempt to catch and relocate a mouse spotted by construction workers.
Photo taken: 12/22/11

Appendix C
Wildlife Observation Forms

WILDLIFE OBSERVATION FORM

To Record Animals Found In Mariposa Energy Project Work Areas

To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee: David Damon(Diamond Gen.)in morning and Phil Merli (LG Inc.) in the afternoon

Date: December 21, 2011

Location of observation: NW corner of main construction site in electrical vault south of ware-house

Wildlife Species: field mouse (Muscidae)

Condition of wildlife:

alive [x] dead [ ] alive and utilizing wire conduits

Possible cause of injury or death:

n/a

Where is the animal currently?

alive and utilizing wire conduits

Is the resource in danger of project (or other) impacts?

yes; the electrical conduits will eventually have wire pulled through them, and the vault sealed

Comments:

a (humane) live trap has been baited and set to attempt to capture and relocate the mouse

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST: Todd Ellwood Cell (408) 839-2402 Office (415) 541-7220

BIOLOGICAL FIELD MONITORS: TBD G.O. Graening

COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600

View of electrical vault with live trap.

Close-up photo showing baited live trap

WILDLIFE OBSERVATION FORM

To Record Animals Found In Mariposa Energy Project Work Areas

To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee: Steve Sykes

Date: 12/27/11

Location of observation: Inside wildlife exclusion fence, near entrance to PG+E Gas Line

Wildlife Species: Ground Squirrel (Skinny and unhealthy looking)

Condition of wildlife:

alive [X] dead [ ]

Possible cause of injury or death:

NA

Where is the animal currently?

Released into burrow 400 feet outside the wildlife exclusion fence.

Is the resource in danger of project (or other) impacts?

No

Comments:

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST: Todd Ellwood Cell (408) 839-2402 Office (415) 541-7220
BIOLOGICAL FIELD MONITORS: TBD

COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600

Cultural Resources Monthly Reports

Monthly Report of Cultural Resources Monitoring Activities for the Mariposa Energy Project – December 2011; Condition of Certification CUL-6

PREPARED FOR: Chris Curry/Mariposa Energy, LLC
James Spicer/Mariposa Energy, LLC
Debi Hertz/CH2M HILL
Keith McGregor/CH2M HILL
Doug Urry/SAC

PREPARED BY: Clint Helton/CRS

REPORTING FOR PERIOD: December 2011

This report covers cultural resources monitoring activities at MEP for the month of December 2011, as required by Conditions of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Cultural Resources Specialist (CRS) Clint Helton was on-call this month.

Monitoring and Associated Activities This Period

No monitoring occurred this month. As per CUL-6, monitoring will be required if discovery of a CRHR-eligible cultural resource occurs.

Cultural Resources Discoveries This Period

No new cultural resources discoveries were made this month.

Anticipated Changes in the Next Period

The CRS will remain on-call to respond to discoveries if they occur.

Comments, Issues, or Concerns

None.

Paleontological Resources Monitoring Report

Mariposa Energy Center (MEP) Condition of Certification (COC) PAL-5 Paleontological Resources Monitoring Report for Construction - December, 2011

PREPARED FOR: Chris Curry/Mariposa Energy, LLC
James Spicer/Mariposa Energy, LLC
Debi Hertz/CH2M HILL
Keith McGregor/CH2M HILL
Doug Urry/CH2M HILL

PREPARED BY: Levi Pratt, Staff Paleontologist
W. G. Spaulding, Paleontological Resources Specialist (PRS)

DATE: January 12, 2012

This paleontological resources monthly compliance report (MCR) for the MEP covers the period of December, 2011.

Personnel Engaged in Paleontological Monitoring This Period:

Jaspal Saini- Paleontological Resources Monitor (PRM)

Training Conducted This Month

All new construction personnel attended the CEC approved Worker Environmental Awareness Program (WEAP) training prior to working on this project.

Monitoring Conducted This Month

Paleontological resources monitoring consisted of spot-checking onsite excavations on December 6th, 13th, 20th, 22nd, 27th, 28th, and 29th. Onsite full-time continuous paleontological monitoring of auger-hole drilling in the switch-yard area occurred on December 22nd, 27th, 28th, and 29th.

Continuous paleontological monitoring occurred on the above mentioned dates because excavation activities took place at depths greater than those previously encountered onsite and in sediments assigned a high paleontological sensitivity.

Paleontological Discoveries This Month

No paleontological discoveries were made this month.

Anticipated Activities and Changes

Anticipated activities next month include continued augering in the switchyard area and continued utility trenching at the MEP plant site. New excavations planned for next month include on-site augering for lighting pole foundations, off-site deep augering for transmission tower footings and both on- and off-site gas line trenching.

Comments, Issues or Concerns

No issues or concerns are outstanding at this time.

Stormwater Management Monthly Report

Monthly Summary of the Drainage, Erosion, and Sediment Control Plan Implementation for the Mariposa Energy Project – December 2011 (Condition of Certification SOIL&WATER-1)

PREPARED FOR: Chris Curry/Mariposa Energy, LLC
James Spicer/Mariposa Energy, LLC

PREPARED BY: Mieke Sheffield/CH2M HILL

COPIES: Keith McGregor/CH2M HILL
Debi Hertz/CH2M HILL
Doug Urry/CH2M HILL
Stephanie Moore/CH2M HILL

DATE: January 5, 2012

The California Energy Commission (CEC) Condition of Certification SOIL&WATER-1 requires an analysis of the effectiveness of the drainage-, erosion-, and sediment-control measures and the results of the monitoring and maintenance activities. The purpose of this technical memorandum is to summarize the effectiveness of the drainage, erosion, and sediment control measures implemented for the Mariposa Energy Project and the results of associated monitoring and maintenance activities during December 2011.

Construction activities during this month continued with emphasis on construction of underground utilities; placement of concrete foundations; and the delivery, offloading, and installation of equipment.

Hydroseeding of disturbed areas that require revegetation as a condition of certification commenced on December 1, 2011. The areas stabilized with hydroseeding were generally the site perimeter slopes.

The site received 0.08 inches of precipitation during the month of December 2011.

The QSP designee continued to monitor adherence to good housekeeping practices and implementation/maintenance of Best Management Practices (BMPs) as outlined in the project's Drainage, Erosion, and Sediment Control Plan (DESCP) and Stormwater Pollution Prevention Plan (SWPPP). No amendments to the DESCP/SWPPP were needed this month.

Site inspections were conducted prior to a forecasted rain event of 50 percent or greater, every 24 hours during extended rain events, and/or weekly by the project's QSP designee (i.e., site visits were conducted on December 2, 9, 12, 14, 21, and 30, 2011). The quarterly inspection for non-stormwater discharges was also conducted by the QSP designee on December 30, 2011. Any concerns noted with BMP implementation/maintenance were communicated to the responsible contractor and correction of the issues was monitored by the QSP designee. The following issues were documented during the site inspections:

December 2, 2011:

- Implement erosion control measures on exposed soil surfaces undisturbed for longer than 14 days (i.e., backslope of the laydown area)
- Sweep roadway
- Store T-line branch arms and other miscellaneous items on pallets
- Cleanup spills of concrete near washout bin
- Post spill-reporting and cleanup procedures

December 9, 2011:

- Implement erosion control measures on exposed soil surfaces undisturbed for longer than 14 days (i.e., backslope of the laydown area)
- Post spill-reporting and cleanup procedures

December 12, 2011: rain event

- Implement erosion control measures on exposed soil surfaces undisturbed for longer than 14 days (i.e., backslope of the laydown area)
- Cover all stockpiles and protect from runoff/run-on during a rain event
- Post spill-reporting and cleanup procedures
- Sweep roadway
- Cover asphalt emulsion and poly line buckets
- Cover bag of grout
- Cleanup spills of concrete near washout bin
- Cover waste bins during rain event

December 14, 2011: pre-rain inspection

- Implement erosion control measures on exposed soil surfaces undisturbed for longer than 14 days (i.e., backslope of the laydown area)
- Cover all stockpiles and protect from runoff/run-on prior to a rain event
- Post spill-reporting and cleanup procedures
- Cover asphalt emulsion and E-Cure buckets
- Cover hydraulic fluid barrels
- Cleanup spills of concrete near pour area
- Provide dumpsters with covers

December 21, 2011:

- Implement erosion control measures on exposed soil surfaces undisturbed for longer than 14 days (i.e., backslope of the laydown area)
- Post spill-reporting and cleanup procedures

December 30, 2011:

- Implement erosion control measures on exposed soil surfaces undisturbed for longer than 14 days (i.e., backslope of the laydown area)
- Post spill-reporting and cleanup procedures
- Provide dumpsters with covers

Exhibit 10
WEAP Training Sign-In Sheets

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/30/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Stephen Escalante	[illegible]	J. Jackson Const
Carl Smith	Carl Smith	J. Jackson construction

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12-29-2011

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Michael Berry	[illegible]	GE / TA

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/28/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
RICHARD PARKER	[illegible]	ALL STATE TANK
Phillip Riley	[illegible]	All State Tank
Kenneth Bolding	[illegible]	All State Tank
Thomas James	[illegible]	All State Tank
Clint James	[illegible]	All State Tank
Keith Frye	[illegible]	All State TANK
Brian Bland	[illegible]	All State Tank
Ryan Hendricks	[illegible]	Graver Tank Co
STEVE WISOCKI	[illegible]	NEWTRON/ SUPER.

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/27/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
WESS SMITH		AMERICAN CRANE
ALAN CRAWFORD		TEAM / INSPECTOR
James chen		Fortane Elec/TA
DAN Colombo		MARIPOSA

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/23/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Jesus Ramirez	Jesus Ramirez	Dolan concrete
Javier oseguera	Javier oseguera	Dolan Concret
Ramon Ramirez	Ramon Ramirez	Dolan concret

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/22/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Steve Bartlett	Steve Bartlett	WCD
Eufemio Yochon	Eufemio	WCD

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/21/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
FRANCIS NGIGI	[illegible]	IPI

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/19/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Ray SAMUELSZ	Ray A. Samuelsz	OVERAA / SAFETY
Salvador Sandoval	[illegible]	Overaa / Laborer
CHASE CASSITY	[illegible]	DGC
Jose L Silva	Jose Luis Silva M	OVERAA C.
Roberto Gonzalez	[illegible]	overaa
Matt Riddle	M. Riddle	PG&E
Stephen Sanderson	[illegible]	PG&E
Jaymes Markas	[illegible]	DGC
Peter Navarro	[illegible]	AQUADUCT PLB
Ricardo Martinez	[illegible]	AQUADUCT PLB
Ken Griffithe	[illegible]	Bureau Veritas
Dan Dewey	[illegible]	DGC / Operator
Don Shipley	Don Shipley	PG&E GC-Gas
David Daniele	[illegible]	PG&E
ABEL PALACIO	Abel Palacio	DGC

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12-14-11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Aaron Schmalbeck	[illegible]	Cupertino Electric / Electrician
Efren Arriaga	[illegible]	POWELL
Rick Hansen	[illegible]	CEI
Arturo Ortega	[illegible]	AZCO
Edward Kido	[illegible]	AZCO
Steve Tahhunter	[illegible]	AZCO
Don Wason	[illegible]	POWELL
Craig Schott	[illegible]	CEI
Benjamin Martinez	[illegible]	Largo Concrete
Luis Martinez	[illegible]	Largo Concrete

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/12/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
JIM SAATHOFF	Jim Saathoff	AZCO PIPEFITTER
Rob SIMMS	Robert Simms	AZCO Pipefitter

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/9/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
DAVE HERSON		SUPERINTENDENT

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/7/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Randy Russell	RK Russell	Collins Elect.
John Pizeiglo	[illegible]	Collins Elect.

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12-05-11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Juan Arina	Juan Arina	Largo
Luis Garibay	[illegible]	Largo
Albaro Garcia	[illegible]	Largo
Luis A. Garibay	[illegible]	Largo
Adrian Perez	[illegible]	Largo
Angelbotto Rodriguez	[illegible]	Largo
Juan Gonzalez	[illegible]	Largo
JOHN MOLINA	John Molina	LARGO
Cesar G Arias	Cesar G Arias	LARGO
Jose A Hernandez	[illegible]	Largo
JASON SIGMAN	[illegible]	AZCO
[illegible]	[illegible]	AZCO
HORACIO GUEVARA	HORACIO GUEVARA.	LARGO
Fabian Navarez	Fabian Navarez	LARGO
Robert C Cabrera	[illegible]	Largo
Robert J Cabrera	[illegible]	Largo
Javier Diaz	Javier Diaz	Largo
Daniel Nunez	Daniel Nunez	Largo
Octavio ARROYO	Octavio Arroyo	Largo
Guy Lawson	Guy Lawson	Collins

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 12/2/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Scott Dayer	Scott Dayer	GE / Sales

Exhibit 11
Permits Issued by Government Agencies

COUNTY OF ALAMEDA
PUBLIC WORKS AGENCY
399 Elmhurst Street • Hayward, CA 94544-1307
(510) 670-5480

December 16, 2011

Amendment #1 to Roadway Encroachment Permit R11-LD11478

Add the following additional work scope:

> "Core drilling and other test and construction activities, as necessary, in support of roadway repairs in the ROW of Bruns Rd."

All other aspects of this Permit remain unchanged.

J K Rogers

County of Alameda

Exhibit 12
Construction Safety Reports

LG

LG Constructors

Mariposa Energy Project HSE Statistics

December 2011		This Month	YTD	PTD	Comments refer to this month only
Lag Indicators	Lost Time Injury (LTI)	0	0	0	
	Medical Treatment Case (MTC)	0	0	0	
	Restricted Work Case (RWC)	0	0	0	
	First Aid	0	0	0	
	Near Miss	0	1	1	
	Equipment Damage	0	0	0	
	Environmental Incident	0	1	1	
	Procedure breach	0	0	0	
Lead Indicators	Audits	0	3	3	
	WEAP Training	75	404	404	
	HSE Meetings	72	335	335	
	SBO's	66	301	301	
	Training Hours	150	750	750	
	Orientations	75	375	375	
	P.T.P's	202	990	990	
	Random Drug Tests	0	0	0	
	Senior Management Site Visits	1	10	10	
	Emergency Drills	0	0	0	
Frequencies	Hours Worked	22,751	85,302	85,302	
	Average # Persons	145			
	OSHA Recordable Incident Rate	0.0			
	LTIFR (12m moving avg)	0.0			

The information shown in this report includes all weekly data since previous months report up to the last reporting week within this month

Exhibit 13
Special Inspector's Qualifications

486 Colonial Circle
Vacaville, CA 95687

Phone **(707) 718-5164**
Email ryan.doyel@gmail.com

Ryan Doyel

Keith Long, RA

Digitally signed by Keith Long, RA
DN: cn=Keith Long, RA, o=Bureau Veritas, ou=Power and Utilities, email=keith.long@us.bureauveritas.com, c=US
Reason: Accepted for welding only
Date: 2011.12.16 08:18:25 -08'00'

Certifications

- AWS-**CWI** Certified Welding Inspector #07061211
- **API – 510** #34106 **570** #40186
- Radiographic Testing Level II
- Ultrasonic Testing Level II
- Magnetic Particle Level II
- Liquid Penetrant Level II
- Visual Testing Level II

Work Experience

May 2009-July 2011 Valero Refining Co Benicia, Ca

Valero Hydrogen/Hydrocracker/Cogen & Boiler Inspector

- Performing Unit Inspector duties
- Risk Assessment Team
- Writing and issuing Inspection Recommendations
- PCMS data entry and navigation
- Reviewing and interpreting NDE results
- Monitoring corrosion trends
- Generating yearly inspection work for NDE crews
- Coordinating NDE work during squats and turnarounds
- Visual inspection on all pressure piping and equipment
- Welding Inspection
- Updating and reviewing piping and equipment history
- Turnaround/Maintenance Planning
- Turnaround Management
- Project QA
- State of CA Boiler Permit Steward

Feb 2008-May 2009 Conam Inspection Benicia,

Valero Asphalt Plant Inspection Dept.

- See above job description, and items below
- Tank Inspection Manager (Maint.& Repairs)
- NDE and API Turnaround Coordinator
- Turnaround Inspection Manager

2006-Feb 2008 Performance Mechanical Inc Pittsburg, CA

QA/QC Supervisor

- Manage and audit jobsite quality control programs
- Interpret radiographic film
- Performing visual weld inspection
- Coordinating testing and inspection crews
- WPS/PQR writing and auditing
- WPQ qualification witnessing/inspection
- Code pressure vessel repair inspection
- Generating Isometric drawings and weld maps
- Auditing regional offices and Instituting new QC programs
- Turnaround QA / QC Manager
- Underground piping inspection
- Usage of ASME codes; B31.1, B31.3, Sec. I, II, V, VIII, and IX, API 1104

2006 Conam Inspection (Now Mistras Services) Benicia, CA

NDE Technician / Field Supervisor

- Managed crews for Valero Dead leg / Stagnant Zone Project
- Performed QA / QC of inspection reports
- Served as Safety Representative for Contractors Safety Forum
- Onsite Radiation Safety Officer for Valero Refinery

2004-2006 Aerojet Rancho Cordova, CA

NDE Technician

- Level II Radiographer
- Film reader for Electron Beam and GTAW welds
- Responsible for handling and preparing parts for X-Ray and PT
- Certified for both X-Ray and Linear Accelerator
- Real-time Radiography of solid propellant rocket engines and packet bombs

2001-2004 Conam Inspection (Now Mistras Services) Benicia, CA

NDE Technician

- Reading and generating Isometric drawings
- Performed inspection in accordance with Valero requirements
- Conduct profile X-Ray and ultrasonic thickness measurements
- Performed liquid penetrant and magnetic particle testing
- Field Technician for Valero yearly inspection plan, new construction, maintenance and capitol projects

Education

- High School Diploma
- 40 hour AWS Welding Inspection Seminar
- Conam Inspection
  - Radiography Level I and II
  - Ultrasonic Testing Level I and II
  - Magnetic Particle Testing Level I and II

- Liquid Penetrant Level I and II
- 40 Hour Radiation Safety Course
- 80 Hour API 510 Inspection Course
- 80 Hour API 570 Inspection Course
- 40 Hour Metallurgy Course
- 3 Month Basic Refinery Operator Training (All Petroleum Units including Tankage)
- Other experience including automotive – ASE certified parts sales (expired)

ICP Inspector Status Verification

Training and Certification

ICP Inspector Search < Results List < Results Detail

ICP

- Inspector Search
- ICP Homepage
- ICP Directories
- Directory Search
- My ICP
- Contacts/Feedback

Inspector Search Results

Name: Doyel, Ryan Dennis

Program	Cert. ID	Exp. Date	Status
API 510	34106	1/31/2012	Certified
API 570	40186	1/31/2014	Certified
API 571			
API 577			
API 580			
API 653			
API 936			
API QUTE			
API QUSE			
API QUTB			
API TES			

6364 - Team Industrial Services

DISAWorks™

Employees | Programs | Reports | Account | Profile | Help

Employees

Membership Verification List
Step 2 of 3 : Check the SSN's to verify and click the arrow to Assign Policy

+ Assign Policy

Social Security Number	Name	DCC Status	Consortium Name	NASAP Status	Location ID	Last Urine Test	Last Hair Test
603-03-6916	DOYEL, RYAN D	Inactive Retest	DCCHA	Inactive Retest	Primary	2/20/2008	

ACTIVE: These employees are currently active under the selected policy. To determine if they are eligible for a specific owner use the Just Checking feature and specify the owner.

Inactive-Not on File: These employees are not on file with DISA. Complete and return the correct Membership Application to DISA then send the employees in for the appropriate drug and/or alcohol screen.

Inactive-Retest: These employees were actively enrolled in a DISA program but missed a random selection. Please send these employees in for the appropriate drug and/or alcohol screen.

Inactive-Pending: These employees have a Membership Application on file but DISA has not received the appropriate drug and/or alcohol test necessary to give them an active status. They need to test for the appropriate substances if they have not already done so.

Inactive: DISA needs additional information, please have these employees call 281-673-2390.

Privacy Statement

Logged in as **Natalie Perez**

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Exhibit 14
CBO Submittal Approvals

MECH-1

Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Thursday, December 29, 2011 2:36 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com
Subject: Mariposa – MECH-1-12.0X1 - MEP 415059 UG Cathodic Protection Plan & Details - PC1 - Approved

Hello,

The Mariposa submittal MECH-1-12.0X1 - MEP 415059 UG Cathodic Protection Plan & Details - 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,

Barbara Tomajic
Document Control
Bureau Veritas North America, Inc.
180 Promenade Circle, Suite 150
Sacramento, CA 95834
Phone: 916.617.2028
Fax: 916.617.2068
Direct: 916.514.4520
barbara.tomajic@us.bureauveritas.com
www.us.bureauveritas.com
ISO 9001:2008 Certified
NOTICE:
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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Thursday, December 15, 2011 8:50 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN; BSP5 @pge.com
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com
Subject: Mariposa – MECH-1-16.1 - PG&E Gas Meter Station - PC2 - Approved

Hello,

The Mariposa submittal MECH-1-16.1 - PG&E Gas Meter Station - 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,

Barbara Tomajic
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180 Promenade Circle, Suite 150
Sacramento, CA 95834
Phone: 916.617.2028
Fax: 916.617.2068
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barbara.tomajic@us.bureauveritas.com
www.us.bureauveritas.com
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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Wednesday, December 21, 2011 11:57 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN; bsp5 @pge.com
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com
Subject: Mariposa – MECH-1-16.10X1 - PG&E Gas Meter Station - PC1- Approved

Hello,

The Mariposa submittal MECH-1-16.10X1 - PG&E Gas Meter Station - 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,

Barbara Tomajic
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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Tuesday, December 27, 2011 2:41 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN; Pon, Brittany
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com
Subject: Mariposa – MECH-1-16.10X2 - PG&E Gas Meter Station - PC1 -Approved

Hello,

The Mariposa submittal MECH-1-16.10X2 - PG&E Gas Meter Station - 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,

Barbara Tomajic
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Hertz, Debi/SAC

From: jamie.saldana@us.bureauveritas.com
Sent: Friday, December 02, 2011 1:02 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com
Subject: Mariposa -MECH-1-17.0 - MEP 415059 W.E. Lyons Plumbing & HVAC Drawings - PC2 - Approved

Hello,

The Mariposa submittal "MECH-1-17.0 - MEP 415059 W.E. Lyons Plumbing & HVAC Drawings - PC2" has been reviewed and approved, the submittal also contains reference only documents. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Respectfully,

Jamie Saldana, CPT
CBO Project Coordinator/Document Control Supervisor – Power & Utilities
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MECH-3

Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Monday, December 05, 2011 12:48 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com
Subject: Mariposa –MECH-3-4.0 - MEP 415059 W.E. Lyons Plumbing & HVAC Drawings - PC2 Approved

Hello,

The Mariposa submittal MECH-3-4.0 - MEP 415059 W.E. Lyons Plumbing & HVAC Drawings - 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,

Barbara Tomajic
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STRUC-1

Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Thursday, December 08, 2011 12:19 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com
Subject: Mariposa –STRUC-1-1.0X6 - LGC Turbines Foundation & Concrete Spec. Package for Approval - PC1- Approved

Hello,

The Mariposa submittal STRUC-1-1.0X6 - LGC Turbines Foundation & Concrete Spec. Package for Approval - 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,

Barbara Tomajic
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Sacramento, CA 95834
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Fax: 916.617.2068
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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Thursday, December 01, 2011 10:52 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com
Subject: Mariposa – STRUC-1-1.9 - MEP 415059 GE PE Letter-Water Injection Skid Analysis - PC2-Comments

Hello,

The Mariposa submittal STRUC-1-1.9 - MEP 415059 GE PE Letter-Water Injection Skid Analysis - PC2, has been reviewed and issued comments. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Respectfully,

Barbara Tomajic
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Hertz, Debi/SAC

From: jamie.saldana@us.bureauveritas.com
Sent: Friday, December 02, 2011 10:15 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com
Subject: Mariposa - STRUC-1-10.2X1 - MEP 415059 Aqueous Ammonia Tank Drawings - PC1 - Approved

Hello,

The Mariposa submittal "STRUC-1-10.2X1 - MEP 415059 Aqueous Ammonia Tank 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,

Jamie Saldana, CPT
CBO Project Coordinator/Document Control Supervisor – Power & Utilities
Bureau Veritas North America, Inc.
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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Monday, December 12, 2011 8:52 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com
Subject: Mariposa – STRUC-1-14.0X1 - MEP 415059 Chiller Fndtn Calc & Dwg - PC1 -Approved

Hello,

The Mariposa submittal STRUC-1-14.0X1 - MEP 415059 Chiller Fndtn Calc & Dwg - PC1, has been reviewed and approved. There is also a reference only document. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Respectfully,

Barbara Tomajic
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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Monday, December 05, 2011 12:03 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; dan.enright@us.bureauveritas.com; cory.branker@us.bureauveritas.com
Subject: Mariposa –STRUC-1-15.0X2 - MEP 415059 Fuel Gas Compressor & Discharge Fndtn Docs - PC1 - Approved

Hello,

The Mariposa submittal STRUC-1-15.0X2 - MEP 415059 Fuel Gas Compressor & Discharge Fndtn Docs - 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,

Barbara Tomajic
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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Tuesday, December 06, 2011 10:19 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com
Subject: Mariposa – STRUC-1-20.1 - MEP 415059 W.E Lyons Building Drawings - PC2- Approved

Hello,

The Mariposa submittal STRUC-1-20.1 - MEP 415059 W.E Lyons Building Drawings - 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,

Barbara Tomajic
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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Thursday, December 08, 2011 9:23 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com
Subject: Mariposa –STRUC-1-27.0 - MEP 415059 W.E. Lyons Struc & Arch Design Drawings - PC2 - Approved

Hello,

The Mariposa submittal STRUC-1-27.0 - MEP 415059 W.E. Lyons Struc & Arch Design Drawings - 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,

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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Wednesday, December 21, 2011 12:14 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com
Subject: Mariposa – EXPEDITED - STRUC-1-32.0 - MEP 415059 W.E. Lyons Bldg Foundation Concrete Mix- PC2 - Approved

Hello,

The Mariposa submittal STRUC-1-32.0 - MEP 415059 W.E. Lyons Bldg Foundation Concrete Mix- 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,

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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Thursday, December 22, 2011 10:00 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com
Subject: Mariposa – EXPEDITED - STRUC-1-34.0 - MEP 415059 BOP Steel Drawings and Calc - PC1- Approved

Hello,

The Mariposa submittal STRUC-1-34.0 - MEP 415059 BOP Steel Drawings and Calc - 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,

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Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Wednesday, December 28, 2011 8:23 AM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com
Subject: Mariposa –STRUC-1-34.0X1 - MEP 415059 BOP Steel Drawings and Calc - PC1 - Approved

Hello,

The Mariposa submittal STRUC-1-34.0X1 - MEP 415059 BOP Steel Drawings and Calc - 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,

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STRUC-4

Hertz, Debi/SAC

From: barbara.tomajic@us.bureauveritas.com
Sent: Tuesday, December 06, 2011 2:27 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; c.curry@dgc-us.com; Lane, Mary-Lou/DEN; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Barton, Lawrence/DEN; Debi.hertz%ch2m_.com; Gilkes, Lisa/DEN; Banta, Kelly/DEN
Cc: jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; kristy.santucci@us.bureauveritas.com; patrick.gunning@us.bureauveritas.com; cory.branker@us.bureauveritas.com; dan.enright@us.bureauveritas.com
Subject: Mariposa – STRUC-4-2.0 - MEP 415059 Aqueous Ammonia Tank Docs - PC1 -Approved

Hello,

The Mariposa submittal STRUC-4-2.0 - MEP 415059 Aqueous Ammonia Tank Docs - 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,

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