

# **GWF Tracy Combined Cycle Power Plant Project**

(08-AFC-7C)

## **MONTHLY COMPLIANCE REPORT April 2011 Reporting Period**

Prepared by

**GWF Energy LLC**

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**April 25, 2011**



# **GWF Tracy Combined Cycle Power Plant Project**

## **MONTHLY COMPLIANCE REPORT**

**April 2011 Reporting Period**

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# SECTION 1 – INTRODUCTION

# Introduction

On March 24, 2010, the California Energy Commission (CEC) issued a license to GWF Energy LLC (GWF) for the construction and operation of the GWF Tracy Combined Cycle Power Plant (TCC) (08-AFC-7C). On December 01, 2010, the CEC Compliance Project Manager (CPM) issued an Authority to Install a Construction Trailer and Construction Power letter to GWF allowing the start of limited construction activities associated with site mobilization on the project site. On December 17, 2010, the CPM issued an Authorization to Begin Site Mobilization to GWF allowing full site mobilization. The Authorization to Begin Construction letter from the CEC was issued on January 10, 2011.

This document constitutes GWF's fifth monthly compliance report (MCR) for the GWF Tracy project, as required by Condition of Certification (COC) General Compliance-6 (COMPL-6) in the CEC Final Decision. The information contained in this report covers engineering, procurement, construction, and environmental compliance activities that were performed during April 2011.

# SECTION 2 - PROJECT CONSTRUCTION

# Project Status

## Engineering, Procurement and Construction Services (EPC)

GWF has contracted with Wood Group Power Solutions, Inc. (WGPS) to provide the engineering, procurement, and construction services needed to build the TCC. WGPS has secured the services of Parsons Brinckerhoff Inc. (PB Power) for engineering design and construction support. The contract completion date for the TCC Project is currently August 1, 2012. As of the end of April 2011, the project was 12.5% complete. The following table presents the percent complete numbers for the engineering, procurement, construction and commissioning activities as of April 2011:

Activity	% April Completion	%Total Completion
• Engineering	8.4%	57.0%
• Procurement	0.6%	41.1%
• Construction	1.9%	4.8%
• Commissioning	NA	NA
• Project Total	1.1%	12.5%

- Level 2 schedule for the project is included in Exhibit 1 per COC COMPL-6.
- A key events list is included in Exhibit 2 per COC COMPL-6.
- Engineering continued to focus on major foundations including the Pipe Rack Piles, Steam Turbine Generator (STG), and Heat Recovery Steam Generator (HRSG); and isometrics on the Closed Cooling Water, Raw Water, and Waste Water Systems.
- Procurement focused on purchase orders for Field Erected Tanks and requests for quotes for the Continuous Emission Monitoring System (CEMS) Modification, Fire Protection, Control Valves, and Chemical Feed Metering Pumps.
- Construction activities included the completion of the Air Cooled Condenser (ACC) Piles, Stormwater Drains, Catch Basins, and 60% completion of Paved Site Roads.

## **Project Construction Compliance**

GWF has contracted with Bureau Veritas North America, Inc. (BV) as the Chief Building Official (CBO) to provide project construction compliance with building code requirements. April activities of the CBO are summarized in the Master CBO Submittal Log shown in Exhibit 3. CBO transmittals and approvals for April are summarized in Exhibit 4. Per Condition GEN-3, GWF must provide proof of payment for services rendered by the CBO on a monthly basis; Exhibit 5 provides proof of payment for April 2011.

## **Owner Supplied Equipment**

GWF has contracted Alstom Power, Inc. (Alstom) to supply the HRSG and the STG units. A summary of both the HRSG and STG are discussed below.

### **HRSG:**

Engineering efforts to develop documents and drawings proceeded on schedule. Material purchases and fabrication by various sub-vendors continued.

A HRSG construction alignment meeting was held at the job site on April 26<sup>th</sup>. Alstom Project Manager and Construction Technical Advisor presented construction information and responded to questions from Wood Group and GWF. Alstom also attended the Wood Group pre-bid meeting with the HRSG erection subcontract bidders to answer construction related questions.

Manufacturing and Fabrication activities performed in April:

- Fabrication of the HRSG structural steel; assembly of inlet ducts, casing panels and assembly of the stack, continued in Alstom's (Eurotech) Bangkok, Thailand shop.
- In Milwaukee, Wisconsin shell welding was completed on the high and low pressure steam drums. Drum nozzles and internals are being assembled prior to welding on the drum ends.
- In Alstom's Surabaya, Indonesia shop 90% of the HRSG tubes were finned, harp headers are being assembled and long lead materials received. Carbon steel pipe fabrication is in process.
- Peerless is in the process of assembling the SCR catalyst frame. The SCR catalyst modules are being manufactured for delivery in April 2012.

- Coen is proceeding with Duct Burner System engineering and ordering of long lead materials. Coen was authorized to provide the GE PLC for the burner management system.
- Emerachem is proceeding with engineering and ordering long lead materials for the CO Catalyst System.
- Crosby is proceeding with safety valve engineering and long lead material orders.
- Flextor placed long lead Stack Damper material on order.

### **STG:**

The majority of submitted drawings are “Accepted”, with a small number of drawings with “Accepted with Comments” annotations. All purchase orders for long lead items have been placed.

Manufacturing and Fabrication activities performed in April:

- Turbine rotor forging parts are being manufactured.
- Turbine rotor blades are in the manufacturing process
- Turbine LP outer case manufacturing is in progress.
- The following Turbine items have been cast and cleaning operations and inspections are in process:
  - HP balance piston
  - LP gland casing
  - HP gland seal casing
  - HP balance piston casing
- The following major turbine materials have been received:
  - HP outer and inner casing
  - Bearing saddles
  - Front bearing pedestal
  - HP stop valve body
  - HP and LP blade carrier
- Major Generator materials were received
- Generator stator frame fabrication is 55% complete
- Generator rotor forging slot milling is complete
- Generator stator laminations are complete
- Generator bar manufacturing is 75% complete
- Generator brush gear work is underway
- Generator terminal enclosure work has begun

- Generator AVR work is in progress
- Generator core stacking is 70% complete

GWF has contracted SPX Cooling Technologies (SPX) to supply the ACC. A summary of the ACC is discussed below:

### **ACC:**

SPX is in an advanced stage of engineering and design of the Tracy ACC. Structure and duct foundation loads, structural connection design and duct flex analysis are 100% complete. Engineering continued on the Turbine Exhaust Duct (TED), drain pot and associated equipment. A summary of the engineering progress follows:

- Revised and resubmitted piping General Arrangement drawings
- Functional description, and equipment data sheets and TED drawings were reissued.
- P&ID drawings were revised and resubmitted.
- Foundation loading drawings for the Steam Duct, Condensate Tank and equipment were produced and submitted.
- Steam manifold and sliding pack drawings were submitted.

The status of ACC components currently in manufacturing is as follows:

- ACC tube bundles - 120 bundles complete and ready to ship– (China)
- Structural steel -790 metric tons fabricated / 300 metric tons galvanized – (Vietnam)
- Fans, fan bells & screens – 10 sets are complete and ready to ship
- Gearboxes – 13 gearboxes are 80% complete
- Motors – 10 motors are 95% complete
- Ducting - 96 metric tons = 15% complete
- Ejectors – 5% complete

GWF has also contracted with Shaw Power, Inc. (Shaw) to provide engineering review and assessment services.

## **Project Management**

Weekly coordination calls and monthly meetings were held during the reporting period between GWF and WGPS; PB Power; Alstom; SPX; Shaw and BV.

## ACTIVITY REPORT FOR APRIL 2011

This section of the monthly compliance report provides detailed information on the engineering, procurement, and construction activities that were accomplished during the reporting period.

### 1. Engineering:

During April, the following civil, structural, electrical and mechanical engineering activities were completed:

- **General:**

- Supported field activities associated with construction
- The CBO approved the High Pressure Steam and Boiler Feedwater piping
- ACC Electrical Grounding has been approved by the CBO
- The Closed Cooling Water (CCW), Raw Water (RW), Fire Water Systems (FS) and Deionized (DI) piping isometrics have been posted for progress to WGPS to proceed with a pipe fabrication Request For Quote (RFQ).

- **Instrumentation and Control Systems:**

- Issued the Control Valve specification for bid
- Updated Instrument & Control on P&IDs
- Control Narratives submitted from WGPS to GWF for review.

- **Civil/ Structural:**

- The following packages were also resubmitted to the CBO:
  - HRSG Foundations
  - STG Foundations
  - Fire Pump Foundations
  - Condensate Pump Foundations
  - Generation step-up (GSU) Foundations
- The following packages were issued to WGPS from PB for review:
  - Pipe Rack Steel
  - ACC Duct Pile Design
  - Aux Transformer Foundation

- **Mechanical/Piping:**

- 3D Model status:
  - 69% of all piping is on the model
  - 43% of the high temperature pipe has been stressed
  - 57% of the ISOs have been posted
  - 43% of the engineered pipe supports have been designed.
- The following packages were approved by the CBO:
  - Boiler Feed Water Piping and Pipe Supports
- The Chemical Feed Pump specification was issued for bid
- The Field Erected Tank specification was conformed for purchase.
- The Balance of Plant (BOP) Instrument Data Sheets were issued to WG for review.
- Closed Cooling Water, Fire Service, Raw Water and Waste Water piping isometrics are being prepared for CBO submittal

- **Electrical:**

- The Lightning Protection Drawings were submitted for CBO review
- Continued work on the Circuit and Raceway Schedule
- Continued progress on the demolition package

## 2. **Procurement:**

The Wood Group team conducted the following procurement related activities during April 2011:

- **General:**

- Procurement continued to support the project with the daily commodity purchases for construction.

- **Request for Quotes issued:**

- Continuous Emission Monitoring System (CEMS) Modification
- Fabricated Steel for Pipe Rack
- Plant Control System (PCS)
- Air Cooled Condenser (ACC Mechanical)
- Control Valves
- Miscellaneous Mechanical Equipment
- Chemical Feed Metering Pumps

- HRSG Mechanical Erection
- Auxillary Power Transformers (Dry Type)
- **Purchase Orders Placed:**
  - Field Erected Tanks
  - Misc. Mechanical Equipment: Oily Water Lift Station, Filters, Basket Strainers, Closed Cooling Water Tank, Atmospheric Drain Tanks, and Water Treatment Sample Panel
  - Badging System (Proxy Cards)
  - Pipe Spool Fab.
- **Supplier Approval Forms Submitted to CBO:**
  - Fire Protection & Detection

### 3. Construction:

The following section lists the construction activities conducted during April 2011. Representative photographs of the construction activities performed during the reporting period are included in Exhibit 6. The Designated Biologist and Air Quality Monitor participated in weekly look-ahead meetings to discuss planned activities and were onsite as required during the reporting period. Major construction activities performed during the reporting period included:

- Continued to meet potential vendors and subcontractors
- Lee Rager was added to the site staff as Mechanical Superintendent
- Civil
  - Completed installation of piles in the ACC area
  - Completed the first asphalt lift on site roads
  - Completed the storm water drains and manholes
  - Started excavation for the ACC pile caps
- Mechanical (N/A)
- Electrical (N/A)
- Commissioning (N/A)

# SCHEDULED ACTIVITIES FOR MAY – JUNE 2011

## 1. Engineering:

- **Instrumentation and Control Systems:**
  - Continue Populating the I/O list and Instrument List
  - Developing Control Logic Narratives
  
- **Civil / Structural:**
  - Issue for CBO review
    - Pipe Rack Steel Drawings
    - ACC Duct Foundations
    - Wet Surface Air Cooler (WSAC) Foundation
    - Auxiliary Transformers Foundations
  - Resubmit Fire Water Pump Foundation, Condensate Pump Foundations and GSU Foundation to the CBO
  - Progress Miscellaneous Foundations such as
    - Air Compressor
    - Miscellaneous Pits and Drain Pot Pit
  - Revise drawings for the additional laydown area
  
- **Mechanical/Piping:**
  - 3D Model Development
  - Pipe Stress Analysis & Pipe Supports
  - Review Vendor Submittals for HRSG
  
- **Electrical:**
  - Circuit and Raceway Schedule
  - Above-Ground Raceway

## 2. Procurement:

Work will continue on Subcontracts and Site Materials.

- **Request for Quotes scheduled to be issue:**
  - BOP Instrumentation

- **Purchase Orders scheduled to issue:**
  - ACC Transformers (Dry Type)
  - Fire Protection – STG Deluge System
  - Control Valves
  - CEMS
  - Misc. Mechanical Equipment
  - Chemical Feed Metering Pumps

### **3. Construction**

- Civil
  - Start the concrete foundations for the ACC
  - Start duct banks in the ACC area
  - Modify the underground drain line between Unit #1 and Unit #2
  - Install pipe rack piles

## **SECTION 3 - PROJECT COMPLIANCE**

## Project Compliance for April 2011

In accordance with the California Energy Commission's Final Commission Approval (08-AFC-07) issued on March 24, 2010, GWF must comply with Conditions of Certification (COC) that cover all aspects of the power plant conversion project. Based on the approved COC submittals for Site Mobilization, the CEC CPM issued authorization for Start of Construction on January 10, 2011.

### 1. Compliance Activities

This section of the monthly compliance report focuses on GWF activities related to ensuring that compliance with all the Conditions of Certification, as currently outlined in the original Final Decision issued for the TCC Project, is achieved in a timely and satisfactory manner. The following information is provided per the requirements set forth in COC COMPL-6.

### 2. Conditions of Certification Compliance Matrix

The COC compliance matrix is a tracking tool used by the CPM to assure compliance with all conditions assigned to the project. GWF developed the compliance matrix in August 2010 and the CPM approved the matrix in October 2010. GWF is responsible for maintaining and updating the COC compliance matrix on a monthly basis as conditions are demonstrated in compliance.

The COC matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates they were approved by the CBO, CEC CPM, or delegate agency. A copy of the updated matrix for COC COMPL-5 is included in Exhibit 7.

### 3. Completed Compliance Activities

During the April 2011 reporting period, submitted compliance activities still awaiting approval from the CEC CPM were:

- BIO-3: Submitted and the Biweekly Biological Monitoring Reports on April 5<sup>th</sup> and April 19<sup>th</sup>.
- STRUC-1: Submitted Structural Transmittal Letters for STRUC-1-7.00-Concrete Specifications-PC1; STRUC-1-7.00-Concrete Specifications-PC2; STRUC-1-4.00-Piles/Piperack Drawings & Calculations-PC2; STRUC-1-8.00-FWP & Condensate Foundations-PC1; STRUC-1-9.00-GSU / Duct Burner

Foundation Package-PC1; STRUC-1-10.00-Excitation Container Package-PC1; and STRUC-1-11.00-Construction Trailer Layout-PC1;

- WASTE-7: Submitted two spill release memorandums for oily debris on April 12<sup>th</sup> and April 29<sup>th</sup>.

#### 4. **Approved Compliance Activities**

The following compliance activities that were approved during this reporting period:

- AQ-SC2: CEC CPM approved the second revision to the Dust Control Plan for the application of magnesium chloride to the construction site.
- AQ-SC3: CEC staff approved SJ Air District approval letter on the revised Dust Control Plan for the application of magnesium chloride to the construction site.
- BIO-3: CEC staff approved Biological Monitoring agreement
- PALEO-5: CEC staff approved the Paleontological Discovery Report
- STRUC-1: CEC CPM approved the copy of the CBO transmittal letter for STRUC-1-6.00 Structural Package-PC1

#### 5. **COC Required Documents Submitted With This Report.**

The Final Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in the project's MCR. The following paragraphs describe the compliance activities that were completed during the reporting period:

- AQ-SC1 (AQCOMM): As required by the Condition of Certification, the Air Quality Construction Mitigation Manager is responsible for directing and documenting compliance with the construction-related air quality conditions of certification at the project site and linear facilities. Additional monitors will be assigned as needed to cover times when there are multiple tasks occurring simultaneously that require oversight, extended hours of construction, or when the AQCOMM is unavailable. A copy of the AQCOMM's monthly report is included in Exhibit 8, and the daily monitoring log is available onsite for the CPM's inspection.
- AQ-SC2 (AQCMP): Construction mitigation measures as set forth in this condition and in the project's approved Air Quality Construction Mitigation Plan were in compliance during the reporting period. Specific information on the

implementation of the plan's measures is included in the AQCMM's Monthly Report included in Exhibit 8.

- AQ-SC3 (Construction Fugitive Dust Control): Minimal fugitive dust was generated by construction activities due to the effectiveness of the best management practices (BMPs) dust control measures and cool weather conditions. Water trucks were used as necessary to effectively mitigate fugitive dust during the construction activities. More information on dust control effectiveness is described in the AQCMM's Monthly Report included in Exhibit 8.
- AQ-SC4: (Construction Fugitive Dust Requirements): The AQCMM or an AQCMM delegate shall monitor all construction activities for visible dust plumes. More information on dust control effectiveness is described in the AQCMM's Monthly Report included in Exhibit 8.
- AQ-SC5: (Diesel-Fueled Engines Control): The AQCMM conducted an audit of all equipment on site to ensure California Air Resources Board compliance tags were properly affixed. Any deficiencies found were corrected. Copies of the diesel engine certifications and a list of heavy equipment present on site during the month are provided in Exhibit 8.
- AQ-92: Disturbances of soil-related activities for excavation and other earth moving activities complied with the requirements for fugitive dust control during this reporting period. A summary of significant construction activities for fugitive dust control is included in the AQCMM's Monthly Report included in Exhibit 8.
- AQ-93: The Dust Control Plan was implemented at the TCC site. A summary of significant construction activities and monitoring records for this reporting period for fugitive dust control is included in the AQCMM's Monthly Report in Exhibit 8.
- BIO-5 (WEAP): During April, the total number of personnel who have received the Construction Worker Environmental Awareness Training was 28. The total number of personnel who have received the training to date is 200. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Exhibit 9.
- BIO-6: The Designated Biologist's monthly report is included in Exhibit 10.
- BIO-9: The San Joaquin Kit Fox has not been observed at or near the site during this reporting period. Implementations of BRMIMP measures were included in the Designated Biologist's monthly report in Exhibit 10.
- BIO-10: Burrowing Owls have not been observed at or near the site during this reporting period. Implementations of BRMIMP measures were included in the Designated Biologist's monthly report in Exhibit 10.

- CIVIL-1: No civil drawings were submitted during this reporting period.
- CIVIL-3: There are no non-conformance reports (NCR) in this reporting period. An NCR is produced when the CBO discovers that the site grading work is not being performed in accordance with the approved grading plans.
- COMPL-5: In accordance with this condition, a copy of the compliance matrix monthly is included in Exhibit 7.
- COMPL-10: No complaints, notices, or citations were recorded during this reporting period.
- CUL-5 (WEAP): During April, the total number of personnel who have received the Construction Worker Environmental Awareness Training was 28. The total number of personnel who have received the training to date is 200. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Exhibit 9.
- CUL-6: The cultural resource specialist's monthly report for the reporting period is included in Exhibit 11.
- ELEC-1: Copies of relevant CBO transmittal letters and approval letters for the reporting period are provided in Exhibit 4.
- GEN-2: In accordance with this condition, a copy of the updated list of planned submittal packages to the CBO is included in Exhibit 3.
- GEN-3: GWF proof of payment to the CBO during April 2011 is included in Exhibit 5.
- GEN-6: No Special Inspector resumes were submitted during this reporting period.
- GEN-7: No corrective actions were submitted during this reporting period. A corrective action is when a discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval.
- MECH-1: Copies of relevant CBO transmittal and approval letters for the reporting period are provided in Exhibit 4.
- PAL-4 (WEAP): During April, the total number of personnel who have received the Construction Worker Environmental Awareness Training was 28. The total number of personnel who have received the training to date is 200. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Exhibit 9.
- PAL-5: The paleontological resource specialist's monthly report for the reporting period is included in Exhibit 12.
- STRUCT-1: Copies of relevant CBO approval letters for the reporting period are provided in Exhibit 4.
- S&W-2 (DESCP): This condition requires the project owner to submit a monthly report on the effectiveness of the drainage, erosion, and sediment

control plan (DESCP) measures and the results of any monitoring and maintenance activities. A report on the DESCPC measures is included in Exhibit 13.

- TRANS-5: No transportation permits were issued during this reporting period.
- VISUAL-3: No lighting complaints were recorded during this reporting period.
- WORKER SAFETY-3: A copy of the Construction Safety Supervisor (CSS) safety monitor's report for this reporting period is included in Exhibit 14.

#### **6. Conditions of Certification Submittal Deadlines Not Met.**

- None.

#### **7. Approved Cumulative Changes to Conditions of Certification**

- COC COMPL-6: GWF requested a change in submittal date for the monthly compliance report (MCR). The MCR submittal date is now the 25<sup>th</sup> day of each month, as agreed to by the CPM per phone conversation with Chris Davis on 20 December 2010 and a confirmation email on 29 December 2010.

- COC AQ-28: GWF identified an error in the verification requirement and requested an amendment to the COC from the San Joaquin Valley Air Pollution Control District (SJVAPCD) and the CPM. The verification for COC AQ-28 states that the project owner shall provide a Continuous Emission Monitoring System (CEM) design plan for approval by the APCO and CPM at least 30 days prior to commencement of construction. GWF requested that this COC be satisfied 30 days prior to start of commissioning and not start of construction.

The SJVAPCD provided GWF with an email stating *“Owner/operator shall submit continuous emission monitor design, installation, and operational details to the District at least 30 days prior to commencement of construction of the updated CEMs system. Therefore, please ensure the requested information listed in condition #28 is submitted at least 30 days prior to commencement of construction of the updated CEMs system.”* Chris Davis received the above email on December 29, 2010 and approved COC AQ-28 with a confirmation email on January 27, 2011.

- COC CUL-6: The CPM approved zero cultural monitoring on January 11, 2011 and approved no daily reporting on February 10, 2011 by CEC staff.

#### **8. Filings or Permits Issued by Other Governmental Agencies.**

- No filings of permits were issued in this reporting period.

**9. Listing of Additions to Onsite Compliance Files During Reporting Period.**

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

**10. Listing of Complaints, Notice of Violations, Official Warnings, and Citations During Reporting Period.**

- For this reporting period, no complaints, violations, warnings, or citations were issued at the project site. See Table 1. Zero complaints, violations, warnings, or citations have been recorded throughout the duration of the TCC project.

**Table 1. Listing of Complaints, Notice of Violations, Official Warnings, and Citations during April 2011 Reporting Period**

<b>Area of Concern</b>	<b>Complaints</b>	<b>Citations</b>	<b>Notice of Violations</b>	<b>Official Warnings</b>
<b>Air Quality</b>	0	0	0	0
<b>Noise</b>	0	0	0	0
<b>SWPPP</b>	0	0	0	0
<b>Visual</b>	0	0	0	0
<b>Worker Safety</b>	0	0	0	0
<b>Other</b>	0	0	0	0

SWPPP: Storm Water Pollution Prevention Plan

## **Projected Compliance Activities for May-June 2011.**

In addition to continued reporting on the standard compliance items that require monthly updates, GWF anticipates that the following compliance documents will be submitted in the May-June 2011 MCRs:

- AQ-SC1: Submit a resume for the Air Quality Construction Mitigation Manager (AQCMM) delegate
- BIO-3: Biweekly Biological Monitoring Report
- CIVIL-1: Revisions to the Drainage, Grading, Erosion and Sediment Plan.
- CUL-2: Provide updated copies of AFC and other project data, including mapping, to the CRS.
- ELEC-1 Packages:
  - ELEC-1-6.00 115kV Switchyard Package-PC1
  - ELEC-1-7.00 Application for Alternative Materials-PC1
  - ELEC-1-8.00 Electrical Equipment Package- PC1
  - ELEC-1-9.00 Switchyard Subsurface Arrangement-PC1
  - ELEC-1-5.00 Lighting Plans – PC1
- HAZ-5: Submit vendors delivering hazardous material
- MECH-1 Submit CBO Transmittal Letter for MECH-1-8.00 Equipment Installation Spec – PC1.
- PALEO-1: Submit a resume to add an additional Paleontologic Resource Monitors (PRMs)
- PALEO-2: Provide updated copies of AFC and other project data, including mapping, to PRS.
- STRUC-1: Submit CBO Transmittal Letters for:
  - STRUC-1-5.00 HRSG Foundation – PC2;
  - STRUC-1-6.00 STG Foundation package-PC2;
  - STRUC-1-8.00-FWP & Condensate Foundations –PC2,
  - STRUC-1-9.00-GSU / Duct Burner Foundation Package-PC2,
  - STRUC-1-10.00 – Excitation Container Package – PC2,
  - STRUC-1-12.00 – WSAC Foundation Package – PC1,
  - STRUC-1-13.00 Turbine Duct Foundation Package-PC1, and
  - STRUC-1-14.00 Aux Transformer Foundation- PC1.
- S&W-1: Amendment to the Stormwater Pollution Prevention Plan
- S&W-2: Amendment to the Drainage, Grading, Erosion and Sediment Control Plan
- Visual-5: GWF will contact the CPM to discuss the documentation required in the lighting mitigation plan.

# **SECTION 4 – CORRECTIONS TO DEFICIENCIES IN PREVIOUS MONTHLY COMPLIANCE REPORTS**

# Deficiencies In The MCR

Deficiencies will be addressed in the monthly compliance report, as per email from the CEC CPM on February 17, 2011. Table 2 summarizes monthly compliance report deficiencies and corrective action submittal dates to the CEC.

**Table 2. Deficiencies during Previous Monthly Compliance Report**

<b>COC</b>	<b>Deficiencies Summary</b>	<b>Date Notified by CEC</b>	<b>Date of Corrective Action Submitted</b>
<b>AQ-SC5</b>	CEC staff requested additional information on the equipment list for March's MCR.	13 May 2011	26 May 2011 - A Memorandum will be submitted to the CEC on May 26 <sup>th</sup> to address the CEC questions.
<b>BIO-6</b>	CEC staff requested additional biological information for December's and January's MCR.	05 May 2011	12 May 2011 - A Memorandum was submitted to the CEC on May 12 <sup>th</sup> to address the CEC questions.

**TCC Project**  
(08-AFC-7C)

**MONTHLY COMPLIANCE REPORT**  
**April 2011**

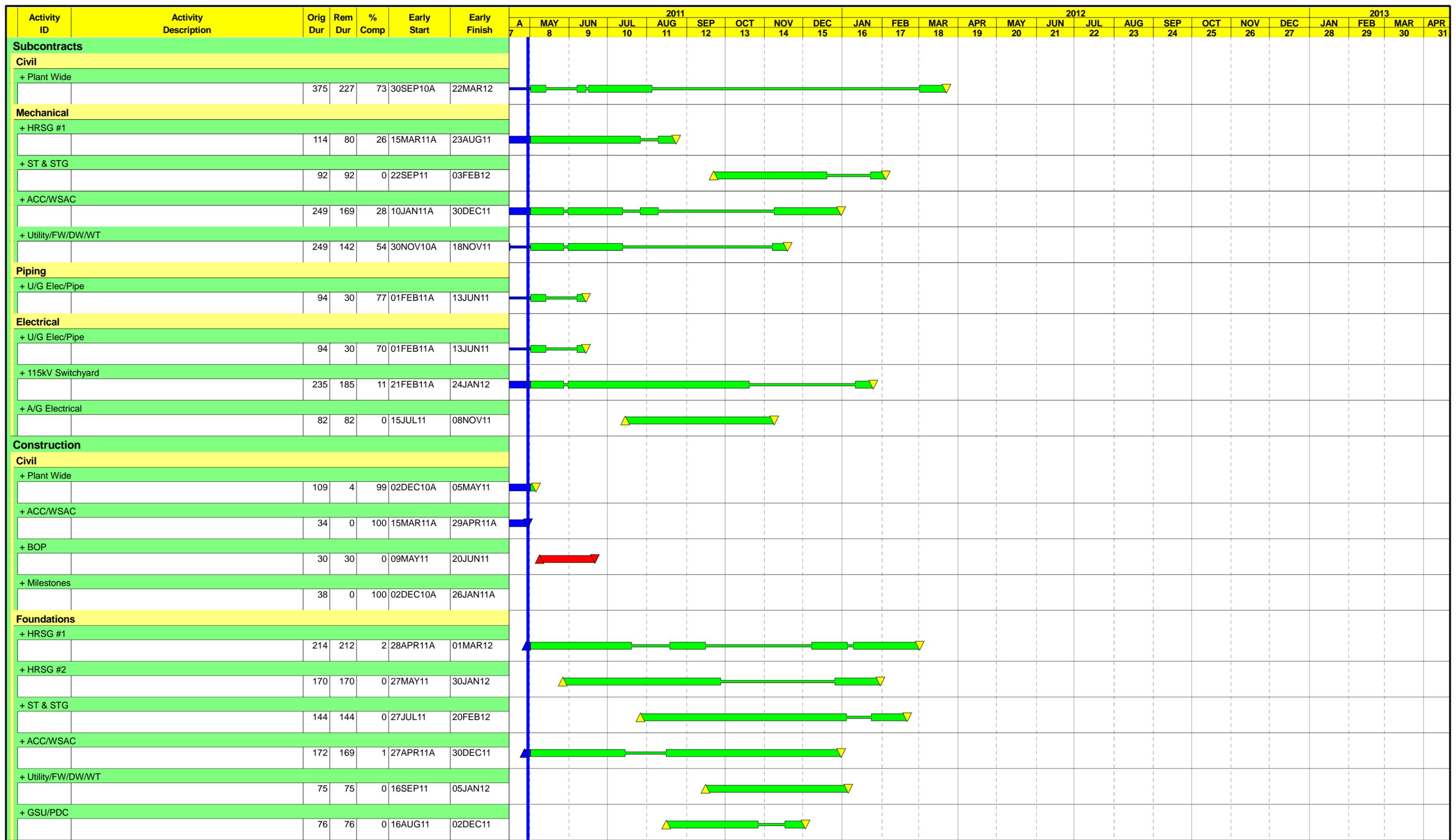
**Exhibit 1: Project Summary Schedule**

Activity ID	Activity Description	Orig Dur	Rem Dur	% Comp	Early Start	Early Finish	2011												2012						2013									
							A	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR			
<b>Milestones</b>																																		
Milestones																																		
1085	Engineering Duration	453*	134*	66	01FEB10A	08NOV11	▶ Engineering Duration																											
LNTP2	LNTP2 Notice to Proceed	0	0	100	01FEB10A																													
1040	PLA Assigned to WGPS	0	0	100		24JUN10A																												
FNTP	FNTP	0	0	100	30SEP10A																													
1050	Site Access Date	0	0	100		01DEC10A																												
1060	Temporary Power Available	0	0	100		10DEC10A																												
1070	Site Prep Subcontractor Mobilize to Site	0	0	100		20DEC10A																												
1130	Initial Site Prep Complete	0	0	100		18MAR11A																												
1080	Owner Supplied ACC Vendor Reps / TFA	0	0	0		12JUL11	◆ Owner Supplied ACC Vendor Reps / TFA																											
1090	Owner Supplied HRSG Vendor Reps / TFA	0	0	0		24OCT11	◆ Owner Supplied HRSG Vendor Reps / TFA																											
1100	HRSG Main Structure on Site	0	0	0		31OCT11	◆ HRSG Main Structure on Site																											
1110	PPA Termination & Plant Shutdown	0	0	0		31OCT11	◆ PPA Termination & Plant Shutdown																											
1120	Owner Supplied STG Vendor Reps / TFA	0	0	0		27JAN12	◆ Owner Supplied STG Vendor Reps / TFA																											
1140	STG on Site	0	0	0		17FEB12	◆ STG on Site																											
1160	Operators Available for Training	0	0	0		01MAR12*	◆ Operators Available for Training																											
1170	Owner Supplied STG Vendor Reps Trainer Available	0	0	0		01MAR12*	◆ Owner Supplied STG Vendor Reps Trainer Available																											
1180	Owner Supplied HRSG Vendor Rep Trainer Available	0	0	0		01MAR12*	◆ Owner Supplied HRSG Vendor Rep Trainer Available																											
1190	Owner Supplied ACC Vendor Reps Trainer Available	0	0	0		01MAR12*	◆ Owner Supplied ACC Vendor Reps Trainer Available																											
1150	PG&E Power Blackout Start	0	0	0	07MAR12		◆ PG&E Power Blackout Start																											
1200	Backfeed Available to GSU #3	0	0	0		30MAR12	◆ Backfeed Available to GSU #3																											
1075	HRSG Mech. Complete	0	0	0		01JUN12	◆ HRSG Mech. Complete																											
1210	Mechanical Complete	0	0	0		28JUN12	◆ Mechanical Complete																											
1220	Substantial Completion (COD)	0	0	0		31AUG12	◆ Substantial Completion (COD)																											
1230	Final Completion	0	0	0		20NOV12	◆ Final Completion																											
<b>TPP Compliance</b>																																		
TPP Compliance																																		
2400	WS-5 Defibrillator is on Site	0	0	100		01DEC10A																												
2410	Gen-4 Assign Resident Engineer	0	0	100		01DEC10A																												
2420	Haz-6 Construction Site Security Plan	0	0	100		01DEC10A																												
2430	Noise-3 Submit Const. Noise Control Program	0	0	100		06DEC10A																												
2440	Cul-2 Provide Maps, Drawings, & Schedule	0	0	100		15DEC10A																												
2390	Trans-4 Pictures of Affected Roadways	0	0	100		28DEC10A																												
2395	Mech-1 Piling Plans to CBO	0	0	0		29APR11	◆ Mech-1 Piling Plans to CBO																											
2450	AQ-SC9 Wet Surface Air Cooler Req.	0	0	0		20JUN11	◆ AQ-SC9 Wet Surface Air Cooler Req.																											
2512	Vis-5 Lighting Mitigation Plan	0	0	0		27JUN11	◆ Vis-5 Lighting Mitigation Plan																											
Start Date	01FEB10																										Early Bar							
Finish Date	04DEC12																										Progress Bar							
Data Date	30APR11																										Critical Activity							
Run Date	05MAY11 13:18																																	
© Primavera Systems, Inc.							GWFF												WOOD GROUP POWER SOLUTIONS CPES - GWFF Tracy Comb Cycle Proj Level 2 Schedule												Sheet 1 of 8			

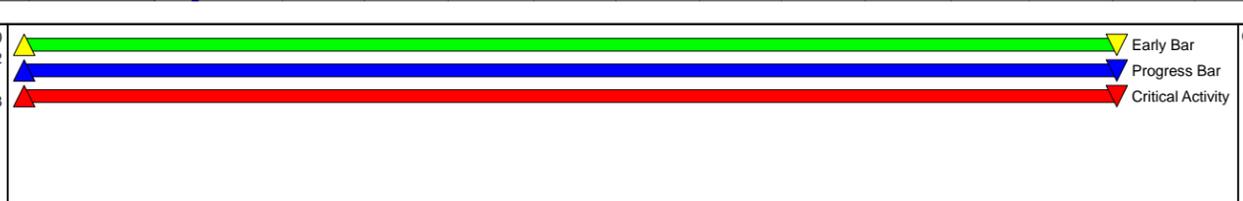








Start Date  
 Finish Date  
 Data Date  
 Run Date









## **TCC Project**

(08-AFC-7C)

### **MONTHLY COMPLIANCE REPORT**

**April 2011**

#### **Exhibit 2: Key Events List**

## KEY EVENTS LIST

PROJECT: \_\_\_\_\_

DOCKET #: \_\_\_\_\_

COMPLIANCE PROJECT MANAGER: \_\_\_\_\_

EVENT DESCRIPTION	DATE
Certification Date	
Obtain Site Control	
Online Date	
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	
Start Ground Disturbance	
Start Grading	
Start Construction	
Begin Pouring Major Foundation Concrete	
Begin Installation of Major Equipment	
Completion of Installation of Major Equipment	
First Combustion of Gas Turbine	
Obtain Building Occupation Permit	
Start Commercial Operation	
Complete All Construction	
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	
Synchronization with Grid and Interconnection	
Complete T/L Construction	
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	
Complete Gas Pipeline Construction	
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	
Complete Water Supply Line Construction	

**TCC Project**  
**(08-AFC-7C)**

**MONTHLY COMPLIANCE REPORT**  
**April 2011**

**Exhibit 3: Master CBO Submittal Log**

**CBO Submittal Log for April 2011**

ISSUER	Vendor Name	Documents Submitted	Date Received	Incoming Transmittal Number	CBO Submittal Date	Submittal Title	GWF Transmittal Number	15 Day Turnaround	7 Day Turnaround	Expedite 7 Day Turnaround	Status	CBO Review & Comments (if applicable)	Approval Date (if applicable)
WGPS		Piles/Piperack Dwgs & Calcs, Ltr	4/11/2011	TR-P902-00761	4/11/2011	STRUC-1-4.00-Piles/Piperack Drawings & Calculations-PC2	TR-GWF-653			4/19/2011	PCX	4/18/2011	
WGPS	STG	Plans, Sections, Details, Calcs	3/18/2011	TR-P902-00694	3/18/2011	STRUC-1-6.00-STG Foundation Package-PC1	TR-GWF-574	4/7/2011			PCX	4/4/2011	OUTSTANDING
WGPS		FWP Skid, Foundation, Calcs	4/1/2011	TR-P902-00736	4/4/2011	STRUC-1-8.00-FWP & Condensate Foundations-PC1	TR-GWF-625	4/25/2011			PCX	4/20/2011	OUTSTANDING
WGPS		Details, Calcs	4/4/2011	TR-P902-00742	4/4/2011	STRUC-1-9.00-GSU / Duct Burner Foundation Package-PC1	TR-GWF-631	4/25/2011			PCX	4/25/2011	OUTSTANDING
GWF	STG	Plans, Calcs	4/13/2011	Ray Kahn Email	4/14/2011	STRUC-1-10.00-Excitation Container Package-PC1	TR-GWF-666			4/22/2011	PCX	4/20/2011	
WGPS		Details	3/23/2011	TR-P902-00710	4/19/2011	STRUC-1-11.00-Construction Trailer Layout-PC1	TR-GWF-675	5/9/2011			PCX	5/6/2011	OUTSTANDING
WGPS		Plans,Dwgs	4/28/2011	TR-P902-00818	4/28/2011	ELEC-1-5.00-Lightning Plans-PC1	TR-GWF-717	5/18/2011					OUTSTANDING
WGPS		APP, QAM	4/29/2011	TR-P902-00826	4/29/2011	FAB-1-14.00-FE Morgan-Fire Suppression Sys-Illinois-PC-1	TR-GWF-728	5/19/2011					OUTSTANDING
WGPS		Underground Utilities Areas/Details/Letter	3/29/2011	TR-P902-00727	3/29/2011	ELECT-1-3.02-Underground Package 1-PC2	TR-GWF-607		4/6/2011				4/11/2011
WGPS		Details	3/15/2011	TR-P902-00683	3/17/2011	MECH-1-1.00-Pipe Support Details Package-PC1	TR-GWF-558	4/6/2011 CBO Requested extension to 4/8/2011			PCX	4/11/2011	
WGPS		Details, Response Letter	4/19/2011	TR-P902-00791	4/19/2011	MECH-1-1.00-Pipe Support Details Package-PC2	TR-GWF-685		4/27/2011				4/26/2011
WGPS		Details, Analysis, ISO's	4/1/2011	TR-P902-00736	4/4/2011	MECH-1-3.00-Piping-PC1	TR-GWF-626	4/22/2011 Extended to 4/28/2011					4/26/2011
WGPS		Specs	4/21/2011	TR-P902-00803	4/25/2011	MECH-1-5.00-Mechanical Specifications-PC1	TR-GWF-698	5/13/2011					4/28/2011
WGPS		Spec	4/8/2011	TR-P902-00758	4/11/2011 Superseded 4/20/2011	MECH-1-4.00-Process Piping Specification-PC1	TR-GWF-652	4/29/2011			PCX	4/21/2011	
WGPS		Spec	4/29/2011	TR-P902-00825	4/29/2011	MECH-1-4.00-Process Piping Specification-PC2	TR-GWF-726		5/9/2011				5/2/2011
GWF	STG	APP	4/27/2011	Ray Kahn Email	4/25/2011	FAB-1-13.00-Gfoellner-Excitation Container-Austria-Fab App-PC1	TR-GWF-712			5/5/2011			5/2/2011
WGPS		Details	3/15/2011	TR-P902-00684	3/17/2011	MECH-1-2.00-High Pressure Steam Piping Isometric Package-PC1	TR-GWF-559	4/6/2011 CBO Requested extension to 4/8/2011			PCX	4/11/2011	
WGPS		Details, Letter	4/21/2011	TR-P902-00802	4/25/2011	MECH-1-2.00-High Pressure Steam Piping Isometric Package-PC2	TR-GWF-697		5/3/2011				5/3/2011
WGPS		Concrete Specs	4/1/2011	TR-P902-00736	4/4/2011	STRUC-1-7.00-Concrete Specifications-PC1	TR-GWF-624	4/25/2011			PCX	4/22/2011	
WGPS		Concrete Specs, Letter	4/29/2011	TR-P902-00825	4/29/2011	STRUC-1-7.00-Concrete Specifications-PC2	TR-GWF-727		5/9/2011				5/6/2011

**TCC Project**  
**(08-AFC-7C)**

**MONTHLY COMPLIANCE REPORT**  
**April 2011**

**Exhibit 4: CBO Approvals and Transmittals**

**From:** [jamie.saldana@us.bureauveritas.com](mailto:jamie.saldana@us.bureauveritas.com)  
**To:** [Castillo, Mary; Kalie.Spears@woodgroup.com](mailto:Castillo_Mary;Kalie.Spears@woodgroup.com)  
**Cc:** [kristy.santucci@us.bureauveritas.com](mailto:kristy.santucci@us.bureauveritas.com); [charles.walker@us.bureauveritas.com](mailto:charles.walker@us.bureauveritas.com); [keith.long@us.bureauveritas.com](mailto:keith.long@us.bureauveritas.com); [nancy.sheperd@us.bureauveritas.com](mailto:nancy.sheperd@us.bureauveritas.com); [woon.lee@us.bureauveritas.com](mailto:woon.lee@us.bureauveritas.com)  
**Subject:** GWF Tracy - ELEC-1-3.02-Underground Package 1-PC2 - Approved  
**Date:** Monday, April 11, 2011 11:21:19 AM

---

Hello,

The GWF Tracy submittal "ELEC-1-3.02-Underground Package 1-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 – Power & Utilities  
**Bureau Veritas North America, Inc.**  
180 Promenade Circle #150  
Sacramento, CA 95834  
P: 916.514.4508  
F: 916.617.2068  
[jamie.saldana@us.bureauveritas.com](mailto:jamie.saldana@us.bureauveritas.com)  
[www.us.Bureauveritas.com/energyusa](http://www.us.Bureauveritas.com/energyusa)

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**From:** [jamie.saldana@us.bureauveritas.com](mailto:jamie.saldana@us.bureauveritas.com)  
**To:** [Castillo, Mary; Kalie.Spears@woodgroup.com](mailto:Castillo_Mary; Kalie.Spears@woodgroup.com)  
**Cc:** [kristy.santucci@us.bureauveritas.com](mailto:kristy.santucci@us.bureauveritas.com); [charles.walker@us.bureauveritas.com](mailto:charles.walker@us.bureauveritas.com); [keith.long@us.bureauveritas.com](mailto:keith.long@us.bureauveritas.com); [nancy.sheperd@us.bureauveritas.com](mailto:nancy.sheperd@us.bureauveritas.com); [woon.lee@us.bureauveritas.com](mailto:woon.lee@us.bureauveritas.com); [lisa.clark@us.bureauveritas.com](mailto:lisa.clark@us.bureauveritas.com)  
**Subject:** GWF Tracy - MECH-1-1.00-Pipe Support Details Package-PC2 - Approved  
**Date:** Tuesday, April 26, 2011 11:41:13 AM

---

Hello,

The GWF Tracy submittal "MECH-1-1.00-Pipe Support Details Package-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,



**Jamie Saldana, CPT**  
CBO Project Coordinator/Document Control – Power & Utilities  
**Bureau Veritas North America, Inc.**  
180 Promenade Circle #150  
Sacramento, CA 95834  
P: 916.514.4508  
F: 916.617.2068  
[jamie.saldana@us.bureauveritas.com](mailto:jamie.saldana@us.bureauveritas.com)



[www.us.Bureauveritas.com/energyusa](http://www.us.Bureauveritas.com/energyusa)

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**From:** [jamie.saldana@us.bureauveritas.com](mailto:jamie.saldana@us.bureauveritas.com)  
**To:** [Castillo, Mary](mailto:Castillo_Mary); [Kalie.Spears@woodgroup.com](mailto:Kalie.Spears@woodgroup.com)  
**Cc:** [kristy.santucci@us.bureauveritas.com](mailto:kristy.santucci@us.bureauveritas.com); [charles.walker@us.bureauveritas.com](mailto:charles.walker@us.bureauveritas.com); [keith.long@us.bureauveritas.com](mailto:keith.long@us.bureauveritas.com); [nancy.sheperd@us.bureauveritas.com](mailto:nancy.sheperd@us.bureauveritas.com); [woon.lee@us.bureauveritas.com](mailto:woon.lee@us.bureauveritas.com); [lisa.clark@us.bureauveritas.com](mailto:lisa.clark@us.bureauveritas.com)  
**Subject:** GWF Tracy - MECH-1-3.00-PIPING-PC1 - Approved  
**Date:** Tuesday, April 26, 2011 11:25:01 AM

---

Hello,

The GWF Tracy submittal "MECH-1-3.00-PIPING-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 – Power & Utilities  
**Bureau Veritas North America, Inc.**  
180 Promenade Circle #150  
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[www.us.Bureauveritas.com/energyusa](http://www.us.Bureauveritas.com/energyusa)



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**To:** [Castillo, Mary; Kalie.Spears@woodgroup.com](mailto:Castillo, Mary; Kalie.Spears@woodgroup.com)  
**Cc:** [kristy.santucci@us.bureauveritas.com](mailto:kristy.santucci@us.bureauveritas.com); [charles.walker@us.bureauveritas.com](mailto:charles.walker@us.bureauveritas.com); [keith.long@us.bureauveritas.com](mailto:keith.long@us.bureauveritas.com); [nancy.sheperd@us.bureauveritas.com](mailto:nancy.sheperd@us.bureauveritas.com); [woon.lee@us.bureauveritas.com](mailto:woon.lee@us.bureauveritas.com); [lisa.clark@us.bureauveritas.com](mailto:lisa.clark@us.bureauveritas.com)  
**Subject:** GWF Tracy - MECH-1-5.00-Mechanical Specifications-PC1 - Approved  
**Date:** Thursday, April 28, 2011 7:36:42 AM

---

Hello,

The GWF Tracy submittal "MECH-1-5.00-Mechanical Specifications-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 – Power & Utilities  
**Bureau Veritas North America, Inc.**  
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## Electrical Transmittals



## Mechanical Transmittals

**DOCUMENT TRANSMITTAL FORM**

MECH-1-3.00-Piping-PC1



**TO: Bureau Veritas**  
 180 Promenade Circle Suite 150  
 Sacramento, CA 95834

**FROM: GWF Power Systems**  
 4300 Railroad Avenue  
 Pittsburg, CA 94565

**Attention:** Theresa Gutierrez  
**CC:** Jamie Saldana

**Contact:** Mary Castillo

**Transmittal Date:** 4/4/2011

**PROJECT NUMBER:** P902 - GWF TRACY

**Transmittal Number:** TR-GWF-626

**CLIENT:** GWF POWER SYSTEMS

**RECIPIENT:** BUREAU VERITAS

DOCUMENT NUMBER	REVISION	REVISION DATE	TITLE OF DOCUMENT	Issue Status	Date Due
CALC M-6	0		CBC DESIGN FACTORS FOR PIPE ANALYSIS CALCULATION	Issued for Approval	4/22/2011
M33.1	0		STRESS ANALYSIS	Issued for Approval	4/22/2011
M33.2	0		STRESS ANALYSIS	Issued for Approval	4/22/2011
M33.3	0		STRESS ANALYSIS	Issued for Approval	4/22/2011
M33.4	0		STRESS ANALYSIS	Issued for Approval	4/22/2011
BFW-PS-002	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-002A	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-003	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-004	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-005	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-005A	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-006	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-007	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-009	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-009A	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-010	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-011	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-012	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-012A	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-013	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-014	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-015	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-016	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-017	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-018	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-018A	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-019	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-020	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-021	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-022	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-023	0		PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011

**DOCUMENT TRANSMITTAL FORM**

BFW-PS-024	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-025	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-026	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-027	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-028	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-029	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-030	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-030A	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-031	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-031A	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-032	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-032A	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-034	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-035	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-036	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-037	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-037A	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-038	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-039	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-040	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-041	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-042	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-043	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-044	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-045	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-046	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-047	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-048	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-049	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-049A	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-050	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-050A	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-051	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
BFW-PS-051A	0	PIPE SUPPORT DETAILS	Issued for Approval	4/22/2011
M8-114	0	ISO - 12-BFW-S31-2-114	Issued for Approval	4/22/2011
M8-115	0	ISO - 6-BFW-S151-2-115	Issued for Approval	4/22/2011
M8-116	0	ISO - 8-BFW-S151-2-116	Issued for Approval	4/22/2011
M8-134	0	ISO - 12-BFW-S31-2-134	Issued for Approval	4/22/2011
M8-135	0	ISO - 6-BFW-S151-2-135	Issued for Approval	4/22/2011
M8-136	0	ISO - 8-BFW-S151-2-136	Issued for Approval	4/22/2011
M8-373	0	ISO - 12-BFW-S151-2-373	Issued for Approval	4/22/2011
M8-374	0	ISO - 8-BFW-S151-2-374	Issued for Approval	4/22/2011

### DOCUMENT TRANSMITTAL FORM

M8-423	0	ISO - 12-BFW-S31-2-423	Issued for Approval	4/22/2011
M8-433	0	ISO - 12-BFW-S151-2-433	Issued for Approval	4/22/2011

Total # of files covered by this Trasnmittal: 75

Approved for Transmittal By: Ron Sichau



**DOCUMENT TRANSMITTAL FORM**

MECH-1-1.00-Pipe Support Details Package-PC2



**TO: Bureau Veritas**  
 180 Promenade Circle Suite 150  
 Sacramento, CA 95834

**FROM: GWF Power Systems**  
 4300 Railroad Avenue  
 Pittsburg, CA 94565

**Attention:** Theresa Gutierrez  
 CC: Jamie Saldana

**Contact:** Mary Castillo

**Transmittal Date:** 4/19/2011

**PROJECT NUMBER:** P902 - GWF TRACY

**Transmittal Number:** TR-GWF-685r

**CLIENT:** GWF POWER SYSTEMS

**RECIPIENT:** BUREAU VERITAS

DOCUMENT NUMBER	REVISION	REVISION DATE	TITLE OF DOCUMENT	Issue Status	Date Due
HPS-PS-001	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-002	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-003	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-004	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-005	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-006	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-007	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-008	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-009	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-010	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-011	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-012	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-013	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-014	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-015	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-016	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-017	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-018	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-019	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-020	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-021	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-022	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-023	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-024	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-025	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-026	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-027	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-028	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-029	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-029A	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-030	0		Pipe Support Details	Issued for Approval	4/27/2011

**DOCUMENT TRANSMITTAL FORM**

HPS-PS-031	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-032	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-033	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-034	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-035	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-036	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-037	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-038	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-039	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-040	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-041	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-042	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-043	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-043A	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-043B	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-044	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-045	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-046	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-046A	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-047	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-048	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-048A	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-049	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-050	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-051	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-051A	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-052	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-056	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-056A	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-057	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-058	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-059	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-060	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-061	0		Pipe Support Details	Issued for Approval	4/27/2011
HPS-PS-062	0		Pipe Support Details	Issued for Approval	4/27/2011
RESPONSE LETTER	0		MECH-1-1.00-Pipe Support Details Package-PC1 Response Letter	Issued for Approval	4/27/2011

**DOCUMENT TRANSMITTAL FORM**


Total # of files covered by this Trasnmittal: 68

Approved for Transmittal By: Paul Kieffer

**DOCUMENT TRANSMITTAL FORM**

**MECH-1-2.00-High Pressure Steam Piping Isometric Package-PC2**



**TO: Bureau Veritas**  
 180 Promenade Circle Suite 150  
 Sacramento, CA 95834

**FROM: GWFF Power Systems**  
 4300 Railroad Avenue  
 Pittsburg, CA 94565

**Attention:** Theresa Gutierrez  
 CC: Jamie Saldana

**Contact:** Mary Castillo

**Transmittal Date:** 4/25/2011

**PROJECT NUMBER:** P902 - GWFF TRACY

**CLIENT:** GWFF POWER SYSTEMS

**Transmittal Number:** TR-GWF-697

**RECIPIENT:** BUREAU VERITAS

DOCUMENT NUMBER	REVISION	REVISION DATE	TITLE OF DOCUMENT	Issue Status	Date Due
M31.1-HPS	1		Pipe Stress Analysis & Design Program	Issued for Approval	5/3/2011
CalcM-6	0		Calculation of CBC Design Factors Piping Analysis	Issued for Approval	5/3/2011
Response Letter	0		Response to MECH-1-2.00-HPS ISO-PC1	Issued for Approval	5/3/2011
M8.100	0		ISO - 14HPS-A153-6.5-100	Issued for Approval	5/3/2011
M8.100-1	0		ISO - 14HPS-A153-6.5-101 SHEET 1	Issued for Approval	5/3/2011
M8.100-2	0		ISO - 14HPS-A153-6.5-101 SHEET 2	Issued for Approval	5/3/2011
M8.103	0		ISO - 14HPS-A153-6.5-103	Issued for Approval	5/3/2011
M8.104	0		ISO - 14HPS-A153-6.5-104	Issued for Approval	5/3/2011
M8.105	0		ISO - 14HPS-A153-6.5-105	Issued for Approval	5/3/2011
M8.106	0		ISO - 10HPS-A153-6-106	Issued for Approval	5/3/2011
M8.107	0		ISO - 10HPS-A153-6-107	Issued for Approval	5/3/2011
M8.215	0		ISO - 6HPS-A153-5-215	Issued for Approval	5/3/2011
M8.216	0		ISO - 6HPS-A153-5-216	Issued for Approval	5/3/2011
M8.220	0		ISO - 8HPS-A153-5-220	Issued for Approval	5/3/2011
M8.221	0		ISO - 6HPS-A153-5-221	Issued for Approval	5/3/2011
M8.222	0		ISO - 10HPS-A153-5.5-222	Issued for Approval	5/3/2011
M8.223	0		ISO - 8HPS-A153-5.5-223	Issued for Approval	5/3/2011
M8.224	0		ISO - 3HPS-A153-5.5-224	Issued for Approval	5/3/2011
M8.225	0		ISO - 3HPS-A153-5.5-225	Issued for Approval	5/3/2011
M8.226	0		ISO 4-HPS-A153-4.5-226	Issued for Approval	5/3/2011
M8.280	0		ISO 8-HPS-A153-5.5-280	Issued for Approval	5/3/2011
M8.288	0		ISO 12-HPS-A153-6.5-288	Issued for Approval	5/3/2011
M8.289	0		ISO 36-HPS-A32-5.5-289	Issued for Approval	5/3/2011
M8.291	0		ISO 36-HPS-A32-5.5-291	Issued for Approval	5/3/2011
M8.292	0		ISO 14-HPS-A153-6.5-292	Issued for Approval	5/3/2011
M8.293	0		ISO 14-HPS-A153-6.5-293	Issued for Approval	5/3/2011

**Total # of files covered by this Transmittal:** 26

**Approved for Transmittal By:** Ron Sichau





**GWF TCC Project**

(08-AFC-7C)

**MONTHLY COMPLIANCE REPORT**

**April 2011**

**Exhibit 5: CBO Payment**

**From:** [Martin, Cathy](mailto:Martin_Cathy)  
**To:** [Martin, Cathy](mailto:Martin_Cathy)  
**Subject:** FW: Bureau Veritas Payment Receipt - GWF Tracy  
**Date:** Tuesday, May 10, 2011 3:26:30 PM

---

**From:** [sabrina.dickinson@us.bureauveritas.com](mailto:sabrina.dickinson@us.bureauveritas.com) [<mailto:sabrina.dickinson@us.bureauveritas.com>]  
**Sent:** Tuesday, May 10, 2011 12:14 PM  
**To:** Martin, Cathy  
**Cc:** [kristy.santucci@us.bureauveritas.com](mailto:kristy.santucci@us.bureauveritas.com); Sichau, Ron  
**Subject:** Bureau Veritas Payment Receipt - GWF Tracy

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

Invoice 1113308  
Dated 04/12/11  
Amount \$88,431.57

Should you have any questions, please feel free to contact us.

Thank you!



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

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**TCC Project**  
(08-AFC-7C)

**MONTHLY COMPLIANCE REPORT**  
**April 2011**

**Exhibit 6: Construction Photographs**

## April 2011 CONSTRUCTION PHOTOS



Aerial Photo of TCC Project from April 10, 2011



Drilling of the ACC Pile on April 4th.

## April 2011 CONSTRUCTION PHOTOS



Compacting road base for the permanent site roads on April 4th



Compacting permanent site roads with asphalt (1½ inch lift)

## April 2011 CONSTRUCTION PHOTOS



**Drilling of the ACC Piles on April 8th**



**Concrete added around storm drain manholes on the permanent site road.**

## April 2011 CONSTRUCTION PHOTOS



Excavating the ACC pile caps on April 27<sup>th</sup>



Excavating the ACC pile caps on April 28<sup>th</sup>

**TCC Project**  
(08-AFC-7C)

**MONTHLY COMPLIANCE REPORT**  
**April 2011**

**Exhibit 7: Compliance Matrix**

**GWF Energy LLC  
Tracy Combined Cycle Power Plant**

**CEC Compliance Project Manager: Chris Davis**

**PHASES**

	All Phases Activity
	Pre-construction
	Construction Phase
	Pre Mobilization
	Pre Commissioning
	Operations
	Post Construction
	Closure

**STATUS**

	Completed
	Open
	Not Started
	Past Due
	On Going/ Open (Fall 2011/2012)
	Conditional

Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Approval Date	Document transmittal number	Compliance Status
Air	AQ-SC1	GWF	Air Quality Construction Mitigation Manager	Y	At least 60 days prior to ground disturbance, submit qualifications of AQCM to CPM for approval	Y		60 days prior	Start of construction	22-10-10	2-Nov-10	19-Nov-10		Shaw Employee APPROVED
Air	AQ-SC1	GWF	Air Quality Construction Mitigation Manager	Y	Submitted resume for the AQCM delegates, must be approved by the CPM.	N		N/A	N/A		25-Feb-11; 9-May-11	21-Mar-11; 13-May-11		Open item; CM Approved 3/21/2011; BT Approved on 5/13/2011
Air	AQ-SC2	Shaw/GWF	Air Quality Construction Mitigation Plan (AQCMP)	Y	Modification to the Air Quality Construction Mitigation Plan (AQCMP) requires notification and approval to the CPM	N		N/A	N/A		22-Feb-11	24-Mar-11; 18-Apr-11;		Open item; CEC approved on 3/24/2011 and 2nd Rev approved on 4/18/2011;
Air	AQ-SC3	Shaw/GWF	Construction Fugitive Dust Control	Y	Submit documentation to CPM in each monthly compliance report that demonstrates compliance with specified mitigation measures. Provide via electronic format or disk.	N		monthly report; MCR	Start of construction	Monthly	20-Apr-11	26-Apr-11		On going; CEC approved SJ Air District approval letter 4/26/2011.
Air	AQ-SC4	Shaw/GWF	Dust Plume Response Requirement	Y	The AQCMP shall include a section detailing how additional mitigation measures will be accomplished within specified time limits.	Y		60 days prior;	Start of construction	Ongoing	2-Nov-10	19-Nov-10		On going; See CPM email approval 11/19 RE: Dust Control Plan that should be addressed in AQ-SC2 - and is approved.
Air	AQ-SC5	WGPS	Diesel-fueled engine control	Y	Include in monthly compliance report: summary of actions taken to maintain compliance with this condition; list of heavy equipment used; any other documentation deemed necessary by CPM. Submit via electronic format or disk.	N		monthly report; MCR	Start of construction	Monthly				On going
Air	AQ-SC6	GWF	Modifications to Air Permits	Y	Submit any proposed air permit modifications to CPM within 5 working days of its submittal. Submit all modified air permits to the CMP within 15 days of receipt.	N		within 5 days/within 15 days	of submittal of proposed change/of receipt of modified permit.	Open				Open item
Air	AQ-SC7	GWF	Offset requirements	Y	Submit to CPM records showing that the project's offset requirements have been met prior to initiating construction.	Y		Prior to initiating construction	Start of construction	15-Nov-10	22-Dec-10	4-Jan-10		APPROVED
Air	AQ-SC8	GWF	Quarterly operation reports	Y	Submit to CPM quarterly operation reports that include operational and emissions information including incidences of non-compliance; (see AQ conditions; AQ-110)	N		quarterly	quarterly	Ongoing				On going
Air	AQ-SC9	WGPS/GWF	Wet surface air cooler requirements	Y	Provide CPM a copy of the manufacturer guarantee for the mist eliminator 30 days prior to installation of the wet surface air cooler.	N		30 days prior	installation of wet surface air cooler	20-Jun-11				Open item
Air	AQ-SC9			Y	Provide water quality test results and emissions estimates as part of the 4th quarter's quarterly operational report (AQ-SC8).	N		4th quarter operational report	4th quarter operational report	4th quarter operational report				
Two Units in Combined Cycle System	Equipment Description, Unit N-4597-1-5 Equipment Description, Unit N-4597-2-6													
Air	AQ-1	GWF	Demonstrate compliance with CEQA	N	Obtain authority to construct and make site available for inspections by Air District, ARB, and CEC	Y		HRSG Foundation (equipment)	NA					Open item; available for inspection upon request

**GWF Energy LLC  
Tracy Combined Cycle Power Plant**

**CEC Compliance Project Manager: Chris Davis**

**PHASES**

	All Phases Activity
	Pre-construction
	Construction Phase
	Pre Mobilization
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	Operations
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	Closure

**STATUS**

	Completed
	Open
	Not Started
	Past Due
	On Going/ Open (Fall 2011/2012)
	Conditional

Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Action Approval Date	Document transmittal number	Compliance Status
AIR	AQ-2	GWF	Authority to Construct	N	Authority to construct becomes valid only once the CEC approves the AFC	Y		NA	NA			24-Mar-10		The FDOC conveys the same rights and privileges as an ATC upon CEC approving the license. This is covered within District Rule 2201 Section 5.8.8.
Air	AQ-3	GWF	Determination of Compliance	N	None	N		NA	NA					No verification required
Air	AQ-4	GWF	Operating with modifications	Y	Submit any required changes to the Title VI permit prior to operation to the CPM and District.	Y		pre-commissioning	Proposed modifications to project permit	15-Mar-12				Not Started; Submit application copy or original to the CPM
Air	AQ-5 AQ-6	GWF	Commissioning - gas emissions	Y	Comply with conditions AQ-6 through AQ-16 during commissioning. Comply with conditions AQ-17-AQ-101 following commissioning. For AQ-5, submit to the CPM and APCO for approval the commissioning plan as required in AQ-11.	N		pre-commissioning	NA	15-Mar-12				Not Started
Air	AQ-7-11 AQ-16	GWF	Commissioning period - compliance with AQ-7 through AQ-11; AQ-16	N	Submit commissioning plan to CPM and APCO once all commissioning once all required equipments and system are in place	Y		4 weeks prior	Prior to first firing	15-Mar-12				Not Started
Air	AQ-12-13; AQ 15-16 AQ 20-21; 26 AQ 29-36 AQ 38-41; 44 AQ 52-54 AQ 59-60; 63 AQ-65; 70-75	GWF		N	Emission rates from the CTG, during the commissioning period, shall not exceed NOx (as NO2)- 146.70 lb/hr; PM10 - 5.80 lb/hr; VOC (as methane) - 3.2 lb/hr; CO - 220.60 lb/hr; Sox (as SO2) - 2.6 lb/hr	N		NA	NA					Not Started
				Y	Submit Quarterly Report that provides a summary of significant operation and maintenance events (see AQ-SC8)	N		Quarterly Operations Report	Quarterly					Not Started
Air	AQ-13	GWF	Compliance with AQ-12; AQ-16; AQ-30-31; AQ-55-56; AQ-20-21;	Y	Submit Quarterly Report that provides a summary of significant operation and maintenance events	N		Quarterly Operations Report	Quarterly					Not Started
Air	AQ-14	GWF	Inlet and exhaust stack continuous emissions monitors installed, calibrated and operational	Y	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-11	N		4 weeks prior	Prior to first firing	15-Mar-12				Not Started
Air	AQ-15	GWF	During commissioning, total # of firing hours of unit without abatement shall not exceed 500.	Y	Submit a summary of significant operation and maintenance events and monitoring records in the quarterly operation report.	N		Quarterly Operations Report	quarterly					Not Started

**GWF Energy LLC  
Tracy Combined Cycle Power Plant**

**CEC Compliance Project Manager: Chris Davis**

**PHASES**

	All Phases Activity
	Pre-construction
	Construction Phase
	Pre Mobilization
	Pre Commissioning
	Operations
	Post Construction
	Closure

**STATUS**

	Completed
	Open
	Not Started
	Past Due
	On Going/ Open (Fall 2011/2012)
	Conditional

Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Approval Date	Document transmittal number	Compliance Status
Air	AQ-17	GWF	Particulate matter emissions - no exceed of 0.1 grains/dscf	Y	Submit results of source test to CPM and Air District in accordance with AQ-50	N		NA	Source testing data becomes available	1-Jul-12				Not Started
Air	AQ-18 AQ-19	GWF	Air contaminate release/discharge	N	Make site available for inspections by Air District, ARB, and CEC	N		Upon request	Request for site access					Open item, site is available for inspection upon request
Air	AQ-20-26 AQ-27	GWF	Equipment operation / maintenance.	N	Make site available for inspections by Air District, ARB, and CEC	N		Upon request	Request for site access					Open item, site is available for inspection upon request
Air	AQ-28	GWF	Continuous Emission Monitoring System (CEM)	Y	Submit CEM design plan for approval by the APCO and CPM	Y		30 days prior	start of commissioning	1-Feb-12				Open item; SJVAPCD interpretation of submittal AQ-28 is 30 days prior to CEMs Modification (emailed from the District to Chris Davis was submitted on 12/29/2010).APPROVED Phase Change by CPM on 1/27/2011 for start of commissioning (not SOC)
Air	AQ-29-34 AQ-40-43	GWF	CTG exhaust/emissions		Submit a summary of significant operation and maintenance events in the quarterly operation report.	N		Quarterly Report	Quarterly	Open				Not Started
Air	AQ-35 AQ-36	GWF	Startup/shut down emissions	Y	Submit to the CPM and APCIO start up and shut down event duration data	N		Quarterly Report	Quarterly	Open				Not Started
Air	AQ-38 AQ-39	GWF	Ammonia emissions	Y	Submit Quarterly Report that project a summary of significant operation and maintenance events	N		Quarterly Report	Quarterly	Open				Not Started
Air	AQ-44	GWF	Natural gas usage	Y	Submit Quarterly Report of significant operation, maintenance and monitoring events. The combined natural gas fuel usage for permit units N-4597-1 and N-45967-2 shall not exceed 20.454 scf/year. (District Rule 2550)	N		Quarterly Report	Quarterly	Open				Not Started
Air	AQ-45	GWF	Collection of exhaust stack emissions	N	Make site available for inspections by Air District, ARB, and CEC	N		Upon request	Request for site access	Open				open item, site is available for inspection upon request
Air	AQ-46-49	GWF	Source testing	Y	Submit results and data of source testing to CPM and APCO. Source testing to measure the steady state NOx, CO, VOC, and NH3 emission rates (lb/hr and ppmvd @ 15% o2) and PM10	N		Within 60 days	Completion of source testing	Open				Not Started
Air	AQ-50-52	GWF	Source testing plans	Y	Submit proposed source testing plans to CPM and ARCO prior to source testing for approval	N		No less than 15 days prior	Planned source testing	Open				Not Started
Air	AQ-53-54	GWF	Sulfur content	Y	Submit results of natural gas sulfur monitoring and other sulfur data to CPM and Air District	N		Quarterly Report	Quarterly	Open				Not Started
Air	AQ-55	GWF	CTG fuel consumption	N	Make site available for inspections by Air District ARB, and CEC. Equip CTG unit with continuous monitoring system to record fuel consumption	N		Upon request	Request for site access	Open				Open item, site is available for inspection upon request
Air	AQ-56-58 AQ-63-66 AQ-70 AQ-72-73	GWF	Continuous Emission Monitoring System (CEM)	Y	Submit a CEM to the CPM and the APCO	N		No less than 30 days prior	Commissioning	1-Apr-12				Not Started
				Y	Provide monitoring protocol for approval by APCO and CPM	Y		No less than 60 days prior	Planned CEM equipment installation					Not Started

**GWF Energy LLC**  
**Tracy Combined Cycle Power Plant**

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**PHASES**

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	Conditional

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Air	AQ-56-58 AQ-63-66 AQ-70 AQ-72-73 (continue)	GWF	Continuous Emission Monitoring System	Y	Submit report of CEM operations APCO and CPM upon request	N		Upon request	Request for data is made	Open				Not Started	
				Y	Submit non-polluted CEM data to CPM by a District approved alternative method. Facility may continue to operate a maximum of 30 days per calendar year without automated data	N		Upon request	Request for alt is made	Open					Not Started
Air	AQ-59 AQ-60	GWF	CEMS audit and relative accuracy test audit (RATA)	Y	Submit CEMS and RATA audits to APCO and CPM	N		Quarterly Report	Quarterly	Open				Not Started	
Air	AQ-61	GWF	CEMS monitoring equipment / device inspections	N	Make site available for inspections by Air District, ARB, and CEC	N		Upon request	Request for site access	Open				Open item, site is available for inspection upon request	
Air	AQ-62	GWF	CEMS monitoring quality control / assurance	N	Maintain quality assurance plan on site	N		NA	NA	Open				Not Started	
Air	AQ-71	GWF	NOx control system operating parameters	Y	Submit summary of significant operation and maintenance events and monitoring records in quarterly operation report	N		Quarterly Report	Quarterly	Open				Not Started	
Air	AQ-74	GWF	System operating log	N	Maintain system operating log and update daily with require information regarding operations	N		Quarterly Report	Quarterly	Open				Not Started	
Air	AQ-75	GWF	SGT operation	Y	Maintain records of data and operations information	N		Record daily; Submit quarterly	Quarterly report	Open				Not Started	
<b>Facility-wide Conditions</b>															
Air	AQ-76-91	GWF	Acid Rain Program	Y	The project owner shall submit to both the District and CPM the Acid Rain Program application	N		Following commissioning	Commissioning					Not Started	
Air	AQ-92	GWF	Fugitive dust control	Y	Conduct soil disturbance in accordance with Rule 2081. Submit summary of significant construction events in monthly compliance report (AQ-SC3)	N		Monthly; MCR	Construction	MCR				Open item	
Air	AQ-93 -101	GWF	Dust Control Plan and Air Quality Construction Mitigation Plan, track out, unpaved roads, etc.	Y	Submit Dust Control Plan to APCO for approval in accordance with APCO requirements	Y		Prior to ground disturbance	Start of construction		29-Oct-10 5-Nov-10	19-Nov-10		Open item Dust Plan 29-Oct-10 AQCMP 5-Nov-10 APPROVED	
Air	AQ-93 -101			Y	Submit monthly construction plan report (AQ-SC3) and quarterly report to APCO and COM	N		Monthly and Quarterly	Construction	MCR					Open item
Air	AQ-93 -101			N	Make site available for inspections by Air District, ARB, and CEC	N		Upon request	Request for site access						Open item; site is available for inspection upon request
<b>Emergency Standby Generator Engine</b>															
Air	AQ-102-118	GWF	Equipment Description, Unit N-4597-4-2; Equipment Description, Unit N-4597-5-0; Equipment Description, Unit N-4597-6-0	Y	Do not exceed emission standards, submit quarterly report in accordance AQ-SC8, make site available for inspection; conduct source testing in accordance with AQ-50, AQ-167	N		Quarterly and upon request	Quarterly and when requested					Not Started	

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<b>Auxiliary Boiler</b>	<b>Equipment Description, Unit N-4597-5-0</b>													
Air	AQ-119-120	GWF	Application to modify Title V permit	Y	Prior to operating with modifications, submit application to modify Title V permit to District and CPM.	N		prior to operation.	operation					Not Started
Air	AQ-121, 131, 132, 133	GWF	Emissions	Y	Particulate matter emissions shall not exceed 0.1 grains/dscf. Boiler shall operate a maximum of 4000 hours per year. Specific emission rates. Submit quarterly report in accordance AQ-SC8.	N		quarterly	quarterly					Not Started
Air	AQ-122- 123	GWF	Air contaminate release/discharge	N	No air contaminant releases causing a public nuisance or for a period more than 3 minutes in any one hour darker than Ringelmann 1 or 20 % opacity. Make site available for inspection.	N		upon request	when requested					Not Started
Air	AQ-124-127	GWF	Application for equivalent equipment.	Y	Submit to both District and CPM application for equivalent equipment as needed. Obtain written approval from District.	N		as needed	as needed					Not Started (permit)
Air	AQ-128-130	GWF	Operations of equipment.	N	Equipment shall be operated and maintained per manufacturers specs to minimize emissions of contaminants. Make site available for inspection.	N		upon request	when requested					Not Started
Air	AQ-134, 135, 136, 137, 139, 140, 141, 142, 143	GWF	Source Testing	Y	Source Testing to measure NOx and CO emissions shall be conducted within 60 days of initial startup and every 12 months. Submit proposed protocol for source tests to District and CPM in accordance with AQ-50.	N		No less than 15 days prior	Planned source testing					Not Started
Air	AQ-138	GWF	Protocol for source tests.	Y	Submit proposed protocol for source tests to District and CPM in accordance with AQ-50. Submit source test results no later than 60 days following the source test date to District and CPM.	N		60 days after source test	source test date					Not Started
Air	AQ-144, 145, 146	GWF	Sulfur monitoring data	Y	Result of 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).	N		quarterly	quarterly					Not Started
Air	AQ-147, 148	GWF	CEM protocol	Y	Provide Continuous Emission Monitoring System (CEM) protocol for approval by APCO and CPM at least 60 days prior to installation of CEM. Make site available for inspection.	N		at least 60 days prior and upon request	installation of CEM and upon request					Not Started
Air	AQ-149, 150, 151	GWF	Fuel records	Y	Maintain daily records of fuel combusted by boiler; maintain records of hours operated; maintain records for minimum of 5 years. Summary of O&M events and monitoring records required shall be included in quarterly operation report (AQ-SC8).	N		quarterly	quarterly					Not Started
<b>Fire Water Pump Engine</b>	<b>Equipment Description, Unit N-4597-6-0</b>													
Air	AQ-152-153	GWF	Title V permit	Y	Submit to both District and CPM the Title V operating permit application prior to operation	N		prior to operation	operation					Not Started

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Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Approval Date	Document transmittal number	Compliance Status
Air	AQ-154, 166, 167, 168, 169, 170	GWF	Emissions testing	Y	Emissions and testing requirements. Maintain all records for minimum of 5 years. Submit results of certification tests to both the District and CPM in accordance with AQ-167 (submit quarterly operation report and monitoring records AQ-SC8).	N		quarterly	quarterly					Not Started
Air	AQ-155, 156	GWF	Air contaminate release/discharge	N	No air contaminant releases causing a public nuisance or for a period more than 3 minutes in any one hour darker than Ringelmann 1 or 20 % opacity. Make site available for inspection.	N		upon request	when requested					Not Started
Air	AQ-157, 158, 159, 160	GWF	Equivalent equipment application.	Y	Submit to both District and CPM application for equivalent equipment as needed. Obtain written approval from District.	N		as needed	as needed					Not Started
Air	AQ-161, 162, 163, 164, 165	GWF	Exhaust stack	N	Exhaust stack shall vent vertically upward and shall not be impeded by any obstruction. Engine equipped with elapsed time meter. Crankcase requirements. Fuel requirements. Make site available for inspection upon request.	N		upon request	when requested					Not Started
Air	AQ-166, 167, 168, 169, 170	GWF	Equipment Description, Unit N-4597-6-0	Y	Emissions and testing requirements. Maintain all records for minimum of 5 years. A summary of significant operation and maintenance events and monitoring records shall be included in the quarterly operation report (AQ-SC8).	N		quarterly	quarterly					Not Started
Bio	Bio-1	Shaw	Designated Biologist	Y	Submit resume for Designated Biologist w/ 3 references and contact information. Designated Biologist must meet minimum qualifications	Y		90 days prior to site mobilization	Site Mobilization		14-Sep-10	7-Oct-10		CPM Approved 10-7-2010 COMPLETED
Bio	Bio-1			Y	Submit temporary or permanent replacement request for Designated Biologist to CPM	NA		10 Working days prior to replacement	Planned modification of Designated Biologist					Open item
Bio	Bio-2	Shaw/GWF	Designated Biologist Duties	N	Perform - Designated Biologist performs required duties during all phases of the project.	NA		NA	NA					On going; Part of BRMIMP
Bio	Bio-3	Shaw	Biological Monitor Selection	Y	Submit resume and contact information for Biological Monitor to CPM	Y		30-days prior to site mobilization	Site Mobilization	20-Nov-10	8-Nov-10;	22-Nov-10;		Completed
Bio	Bio-3			Y	Submit written documentation that Biological Monitor(s) have received required training from the Designated Biologist	Y		10-days prior to monitoring work	On-site monitoring activities		10-Mar-11	18-Mar-11; 12-Apr-11		Open item for additional monitors; Staff approved Bio Monitoring Agreement on 4/12
Bio	Bio-3			Y	Submit Biweekly Biological Monitoring report from the Designated Biologist to the CEC.	N		Every two weeks	NA		05-Apr-11 email to staff (12-Apr-11); 19-Apr-11; 03-May-11; 18-May-11			Ongoing - on 5/3 CEC approved Bio Reports 4/5 and 4/19.

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Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Approval Date	Document transmittal number	Compliance Status	
Bio	Bio-4	Shaw/GWF	Designated Biologist and Biological Monitor Activities	Y	Perform - Designated Biologist performs required duties during all phases of the project.	NA		NA	NA					Ongoing	
				Y	Submit notification to CMP of any non-compliance or ordered construction halt. Submit corrective actions	NA		Next working day	Non-compliance event or halt in construction				CPM determines compliance with 5 working days		
Bio	Bio-5	Shaw	Worker Environmental Awareness Training	Y	Submit two (2) copies of WEAP	Y		60 days prior to site mobilization	Site Mobilization	1-Oct-10	1-Oct-10			Electronic copy and 2 hard copies submitted 10/1/10	
				Y	Submit two (2) copies of Approved WEAP and materials; WEAP video	Y		10 days prior to site mobilization	Site Mobilization		1-OCT-10 14-Oct-10 Resubmittal 15-Dec-10	22-Nov-10 Conditional; 30-Dec-10 Approved; 3/28/2011			Electronic copy and 2 hard copies & Pamphlet submitted Conditional upon submittal of fully revised WEAP 1-Dec-10 Resubmitted Revisions 15-Dec-10 APPROVED
Bio	Bio-5 (continued)	Shaw	Worker Environmental Awareness Training	Y	Report number of workers trained in Monthly Report	Y		Monthly	Monthly Report					Ongoing	
				N	Retain construction and operations training records for 6 months. For operational personnel retain signed training statement for six months following termination of employment	N		NA	operational personnel - termination of employment						Ongoing
Bio	Bio-6 Bio-7	Shaw	Mitigation Implementation and Monitoring Plan (BRMIMP)	Y	Submit two (2) copies of proposed BRMIMP to CPM, SJCPG, USFWS, and CDFG. Prepare plan in accordance with COC condition.	Y		60 days prior to site mobilization	Site Mobilization		8/13-CEC: 8/13-USFW; 8/16-SJCOG; 8/17-CDFG	21-Oct-10		CEC Biologist review in progress; SJCOG, USFW & CDFG have not started review as of 9/08/10 Verbal approval on 9/08/10 COMPLETED	
Bio	Bio-6 Bio-7	Y		Submit any permits that are received by owner following submittal of proposed BRMIMP to CPM and SJCPG	Y		Within 5 days of receipt	Receipt of permit							
		Y		Submit revised proposed BRMIMP to address permit conditions	Y			Within 10 days	Receipt of permit						
		Y		Submit notification to CPM, SJCPG, USFWS, and CDFG of any planned modifications to the approved BRMIMP	N			Within 5 days prior to implementation	Planned deviation or modification to BRMIMP						Open item
		Y		Report implementation results as part of Monthly Report by the Designated Biologist	N			Monthly	Monthly Report		12-May-11				On going; submitted Memo on 5/12 to CEC staff
		Y		Submit Construction Closure and Written Termination Report Plan to CPM	N			30 days following construction	On-line operations		15-Sep-12				Open item
		Y		Revise BRMIMP when there is any project modification or project design if finalized	N			Prior to site mobilization	Site mobilization		9-Nov-10	27-Jan-11			APPROVED
Bio	Bio-8	Shaw	Pre-construction Surveys	Y	Implement requirements of the SJCOG for pre-construction surveys	N		During construction	Site mobilization		6-Oct-10			Biologist meeting and preconstruction survey in field.	
				Y	Notify SJCOG of plans to commence ground disturbance to allow for pre-construction surveys for kit fox	Y		Prior to site mobilization	Site mobilization		6-Oct-10				SJCOG Biologist survey complete

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Bio	Bio-8			N	Implement requirements of USFWS's Standardized Recommendation for Protection of San Joaquin Kit Fox (USFWS 1999)	Y		Prior to site mobilization	If kit fox den's are located					On going
				Y	Notify SJCOG of plans to commence ground disturbance to allow for pre-construction surveys for burrowing owl	Y		Prior to site mobilization	Site mobilization		6-Oct-10			SJCOG Biologist Survey Complete
Bio	Bio-8			N	Implement requirements of SJCOG Condition 3 (SJCOG 2002), if burrowing owl is found.	Y		Prior to site mobilization	Site mobilization					On going
Bio	Bio-8			N	Meet with SJCOG, SJCOG biologist, to discuss minimization measures for kit fox.	Y		Prior to site mobilization	Site mobilization		6-Oct-10			Biologist meeting and preconstruction survey in field.
				Y	Submit results of preconstruction surveys and mitigation measures to be implemented to CPM, USFWS, CDFG	Y		14 days prior to site mobilization	Site mobilization	1-Nov-10	9-Nov-10 24-Nov-10	30-Nov-10		APPROVED Secondary Site Survey Submitted 24-Nov-10
Bio	Bio-9	Shaw	Avoid Harassment or Harm to San Joaquin Kit Fox	N	Implement incidental take minimization measures developed by SJCOG. Incorporate all measures into the BRMIMP	N		NA	Site mobilization		20-Oct-10 9-Nov-10	15-Dec-10		SJCOG ITMM submitted to CPM; Approved by the CPM on 15-Dec-2010.
Bio	Bio-9			Y	Submit conservation habitat sign for CPM approval; submit a photo after installation of the sign to the CPM.	Y		NA	NA		9-Feb-11	2/10/2011; 3/10/2011 (sign installed)		Completed; signs approved by SJCOG and USFWS on 2/10/2011
Bio	Bio-9			Y	Implement inspection requirements (contained in the BRMIMP) prior to using or moving equipment and materials. Notify and consult USFWS if kit fox is found.	N		Prior to equipment or materials movement	Discovery of kit fox					On going
				Y	SJCOG shall notify USFWS and CDFG of report of incidental take occurring at the site.	N		Within 24 hours	Post-construction. Report of incidental take					On going
				Y	SJCOG shall meet with USFWS and CDFG following report of incidental take occurring at the site.	N		Within 2 weeks	Post-construction. Report of incidental take					On going
				Y	Report implementation results as part of Monthly Report by the Designated Biologist (See Bio -6 and Bio-7)	N		Monthly	Monthly Report					On going
				Y	Submit to the CPM and SJCOG, for review and approval, a written construction termination report identifying how all biological resource-related conservation measures were completed.	Y		Within 30 days	After construction					Not Started
Bio	Bio-10	Shaw	Burrowing Owl Impact and Avoidance Minimization Measures	N	Implement incidental take minimization measures developed by SJCOG (2002, specifically conditions 3 and 6. Incorporate all measures into the BRMIMP			NA	Site mobilization	Re-submit 8-Nov-10	20-Oct-10 9-Nov-10			SJCOG ITMM submitted to CPM
				Y	Submit report to CPM and SJCOG that provides survey methods, results, and conservation or mitigation measures.	Y		30 days prior to site mobilization	Site mobilization	1-Nov-10	9-Nov-10	15-Dec-10		APPROVED

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Bio	Bio-10 (continued)	Shaw	Burrowing Owl Impact and Avoidance Mini Measures	Y	Notify SJCOG if owl relocation is needed and proposed burrowing owl mitigation and monitoring plan.	Y		30 day prior to site mobilization	Site mobilization	1-Nov-10					
				Y	Submit notification verification to CPM and SJCOG of completion of burrowing owl mitigation measure completion.	Y		Within 30 days after completion of owl relocation and monitoring and the start of ground disturbance.	completion of owl relocation and monitoring and the start of ground disturbance.						
Civil	Civil-1	WGPS	Drainage, grading, and erosion & sediment plans	Y	Submit drainage, grading, erosion & sedimentation plans, related calculations & soils report to CBO for review/approval	Y		No later than 15 days prior to ground disturbance	Start of construction	28-Oct-10	7-Jan-11	27-Jan-11		Open item - updated drawings; CBO approved Civil-1 package on 01/06, the CPM was notified on 1/07 and approved on 1/27; CBO approved Civil-1 ACC pile package (1/27)	
Civil	Civil-1 (continued)	WGPS	Drainage, grading, and erosion & sediment plans	Y	Submit written statement of approval of plans by CBO to CPM	Y		One month following approval; MCR	The first monthly compliance report following CBO approval of plans; MCR		7-Jan-11	27-Jan-11		Open item - updated drawings; CBO approved Civil-1 package on 01/06, the CPM was notified on 1/07 and approved on 1/27; CBO approved Civil-1 ACC pile package (1/27)	
Civil	Civil-2	WGPS/GWF	Stop Work Authority / Notification	Y	Notify CPM of Resident Engineer's issuance of stop work order.	N		Within 24 hours of issuance of stop work order	Issuance of stop work order					On going	
				Y	Submit copy of CBO's approval to resume work to CPM within 24 hrs	N		Within 24 hours of approval to resume work	Approval by CBO to resume work						On going
Civil	Civil-3	WGPS	Site grading inspections and reporting; ensure work was completed in accordance with final plans	N	Inspect in accordance with CBC and other applicable LORS	N		NA	Grading activity					On going;	
				Y	RE to submit noncompliance report (NCR) and resolution to CBO and CPM and proposed resolution for review	N		Within 5 days of discovery	Inspection discovers deficiencies or error						On going
				Y	GWF submit details of how NCR was correct to CBO and CPM; include list of NCRs for each month in next MCR	N		Within 5 days of resolution; MCR	Corrective actions taken and issued resolved; MCR	MCR					On going
Civil	Civil-4	WGPS	Final grading and erosion and sediment control and drainage work	Y	Obtain CBO's approval of final grading plan (including final changes) for erosion and sediment control work; include RE's signed statement; provide copy to CPM (submit report)	N		Within 30 days of completion	Upon completion of final grading and drainage work	3-Sep-12				Open item	

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Civil	Civil-4	WGPS	Final grading and erosion and sediment control and drainage work	Y	Submit copy of CBO's approval to CPM	N		In next monthly compliance report; MCR	Following CBO approval of final grading plan; MCR					Open item	
Cultural	Cul-1	Shaw	Designate Cultural Resources Specialist and alternates	Y	Submit resumes of proposed CRS and alternatives to CPM for approval	Y		No less than 45 days prior	Start of Construction	10-Nov-10	14-Sep-10	13-Oct-10		APPROVED	
Cultural	Cul-1		Release of CRS (or monitors)	Y	Notify CPM of intent to replace CRS or intent to assign new CRS	N		10 days prior to release termination	Termination of CRS						Open item; Zero cultural monitoring approved
Cultural	Cul-1		Resignation of CRS	Y	Notify CPM of resignation of CRS and submit resume of new proposed CRS	N		10 days following notification	Resignation of CRS						Open item; Zero cultural monitoring approved
Cultural	Cul-1		Designation of Construction Resources Monitor(s) CRM	Y	CRS shall notify CPM of intent to use monitor(s)) and provide statement of qualifications	Y		No less than 20 days prior	Start of construction	10-Nov-10	3-Nov-10	19-Nov-10			Final Version Submitted 3-Nov-10 APPROVED
Cultural	Cul-1		Use of additional CRM(s)	Y	Notify CPM of intent to use additional monitors	Y		No less than 5 days prior	Start of construction						Open item; Zero cultural monitoring approved by CEC staff.
Cultural	Cul-1		Confirm CRS availability	Y	Notify CPM that designated CRS is available and will be on site	Y		No less than 10 days prior	Start of construction	10-Nov-10	6-Dec-10	20-Dec-10			Letter submitted Approved
Cultural	Cul-2		Shaw/GWF /WGPS	Provide data to CRS	N	Provide copies of AFC and other project data, including mapping, to CRS. Provide data to the CRS and CPM if there are changes to project-related footprint submit maps and drawings to CPM.	Y		15 days prior to ground disturbance	Start of construction	15-Dec-10	16-Dec-10	4-Jan-11		On going; Zero cultural monitoring approved by CEC; GWF - Submit site grading drawings and excavation drawings to CPM and GANDA
Cultural	Cul-3	Shaw	Cultural Resources Mitigation and Monitoring Plan (CRMMP)	Y	Submit CRMMP for CPM review and approval	Y		No less than 30 days prior	Start of construction		13-Aug-10	2-Dec-10		CEC Staff currently reviewing (9/10) Staff comments receive on 15-Oct-10 Revised plan submittal APPROVED	
			Curation fees	Y	Submit verification to CPM that all curation fees will be paid	Y		No less than 30 days prior	Start of construction	1-Nov-10	2-Nov-10	2-Dec-10		GWF letter verification of curation fees APPROVED	
Cultural	Cul-4	Shaw	Cultural Resources Report	Y	Submit Cultural Resources Report (CRR) to CPM for review and approval once construction (including landscaping) is complete.	N		Within 90 of construction completion	Construction completion	3-Sep-12				Not Started	
				Y	If cultural materials require curation, provide letter to CPM that curation facility meets State of California standards	N			Within 90 of construction completion	Construction completion					Open; Zero cultural monitoring approved by CEC staff.
				Y	Provide documentation to CPM that approved CRR has been submitted to the SHPO and all other required agency / databases.	N			Within 10 days of approval of CRR	Approval of CRR by CPM					Open; Zero cultural monitoring approved by CEC staff.
				Y	If construction is suspended, submit draft of CRR to CPM for approval	N			Within 30 days following request for construction suspension	Construction suspension					Open; Zero cultural monitoring approved by CEC staff.

GWF Energy LLC  
Tracy Combined Cycle Power Plant

CEC Compliance Project Manager: Chris Davis

PHASES

Green	All Phases Activity
Yellow	Pre-construction
Orange	Construction Phase
Cyan	Pre Mobilization
Purple	Pre Commissioning
Brown	Operations
Blue	Post Construction
White	Closure

STATUS

Blue	Completed
Yellow	Open
Orange	Not Started
Red	Past Due
White	On Going/ Open (Fall 2011/2012)
Red Star	Conditional

Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Approval Date	Document transmittal number	Compliance Status	
Cultural	Cul-5	Shaw	Worker Environmental Awareness Training	Y	Submit WEAP to CPM for review and approval.	Y		No more than 30 days prior	Start of construction	1-Dec-10	03-Nov-10 ; Submitted revised Weap 24-Nov-10	20-Dec-10; 16-FEB-11		Submitted revised Weap 24-Nov-10 APPROVED	
				Y	Obtain WEAP training acknowledgement form from CPM and conduct training	Y		No more than 15 days prior	Start of construction	15-Nov-10		24-NOV-10; 16-FEB-11		CPM approved; Submitted Revised WEAP Video - CPM approved on 2/16/2011	
Cultural	Cul-5			Y	Submit completed training acknowledgement forms with Monthly Compliance Report	N		Monthly	Monthly Report					On going	
Cultural	Cul-6	Shaw	Monitoring - conduct monitoring in accordance with CRMMP	Y	CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log.	N		No less than 30 days prior	Start of Construction	1-Nov-10		24-Nov-10		CPM Submitted to GWF	
Cultural	Cul-6			Y	Submit any proposed change in monitoring level	N		24 hours prior to change	Proposed change in monitoring level		24-Nov-10; resubmitted 21-Dec-10	4-Jan-2011; 11-Jan-2011		CPM tentative approval (will not hold up construction); Zero cultural monitoring approved (01/11/2011)	
				Y	Submit any proposed change in daily reporting	N		24 hours prior to change	Proposed change in daily reporting		9-Feb-2011	10-Feb-2011		No daily reporting approved by CEC Staff	
Cultural	Cul-6 (continued)	Shaw	Monitoring - conduct monitoring in accordance with CRMMP	Y	Submit copies of documentation and notifies to CPM of any Native American cultural material and any letters to Native American tribes	N		Within 30 days	Discovery of Native American cultural material					Open; Zero cultural monitoring approved by CEC staff.	
				Y	Submit a copy of the monthly summary report of cultural resources monitoring prepared by the CRS in the MCR.	N		Monthly	Monthly Report						On going
				Y	Submit copies of any correspondence received from Native American tribes	N		Within 15 days	Receipt of correspondence						Open; Zero cultural monitoring approved by CEC staff.
Cultural	Cul-7	Shaw	Authority to halt construction	Y	Submit to CPM verification that CRS and/or CRM's have authority to ground disturbance near cultural materials and verifies notification will be made in accordance with COC requirements	Y		No less than 30 days prior	Start of construction	12/1/2010	2-Nov-10 2-Dec-10 Resubmittal	17-Dec-10		GWF letter to CPM identifying authority Revised letter sent 2-Dec-10 APPROVED	
Electrical	Elec-1	WGPS	Electrical system design	Y	Submit design plans, calculations, other specified items related to electrical systems 480 volts or higher to CBO for review/approval; include engineer's statement re: LORS compliance;	N		No less than 30 days prior	Start of any incremental electrical construction					On going	
				Y	Provide copy of transmittal letters to CBO to CPM; receipt or delays major electrical equipment and testing or energization of major electrical equipment	N		Monthly Compliance Report	Transmittal of plans and statement to CBO	MCR					On going
Engineering	Gen-1	WGPS	California Building Code Compliance	Y	Submit to CPM verification that facility has been built in accordance with Ca Building Code in effect within 180 days prior to initial design plans are submitted to the CBO	N		30 days following receipt of certificate of occupancy	Issuance of certificate of occupancy	1-Sep-12				Not Started	
Engineering	Gen-1			N	Project Owner to ensure that all contracts specify all work to be performed and material supplied must be in conformance with CBC	N		Prior to issuance of contracts	Issuance of any contract	11-Sep-12				On going	

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Engineering	Gen-1	WGPS	California Building Code Compliance	Y	Submit copy of certificate of occupancy to CPM within 30 days of receipt	N		Within 30 days	Receipt of certificate by CBO	1-Sep-12				Not Started	
Engineering	Gen-2	WGPS/GWF	Facility design submittal schedules	Y	Furnish CPM and CBO schedule of design submittals, master drawing list, master specs list (see Table in Gen-2) for review/approval	Y		No less than 60 days prior	Start of rough grading	1-Nov-10	14-Oct-10	25-Oct-10 Final Approval 4-Nov-10		CPM Approved 25-Oct-10 Final Approval 4-Nov-10 COMPLETED	
Engineering	Gen-2			Y	The project owner shall provide schedule updates in the monthly compliance report; design change	N		Monthly Compliance Report	Monthly Report		4-May-11	20-May-11		On going; design change submitted on 5/4/2011	
Engineering	Gen-2		Drawings and Specifications	Y	Submit schedule of facility designs, master drawing list and master specifications list to CBO and CPM.	Y		60 days prior	Start of rough grading		14-Oct-10	25-Oct-10		Submitted to CBO 14-Sept-10 Submitted to CPM 14-Oct-10	
Engineering	Gen-3	GWF	Payments to CBO	Y	Pay CBO for review of plans; submit copy of receipt to CPM in next MCR	N		In accordance with schedule; Monthly Compliance Report	Agreed upon schedule; Monthly Report	Monthly				On going; Submit copy of Aug., Sept., Oct., Nov., & Dec. payment	
Engineering	Gen-4	WGPS	Make RE assignment	Y	Assign Resident Engineer; submit contact info and qualifications to CBO for review/approval; notify CPM of approval	Y		No less than 30 days prior	Start of rough grading	1-Dec-10	10-Dec-10	27-Dec-10		Submitted APPROVED	
Engineering	Gen-4			Y	If RE is reassigned or replaced, submit resume to CBO for approval. Inform CPM of approval by CBO.	N		Within 5 days	Reassignment or replacement of RE		25-Feb-11	24-Mar-11		Open item; Approved	
Engineering	Gen-4			Y	submit resume and registration number of RE and other delegated engineers	Y		30 days prior	Start of rough grading			4-Nov-10			Submitted
Engineering	Gen-5	WGPS	Make other engineer assignments	Y	Assign Civil, Geotechnical, Soil, Design, Mechanical and Electrical Engineers; submit contact info and qualifications to CBO for review/approval; notify CPM of engineer approval within 5 days	Y		No less than 30 days prior	Start of construction		21-Sept-10 11-Oct-10	6-Oct-10 20-Oct-10 16-Nov-10		CPM notified 11-Oct-10 CPM notified 21-Oct-10 COMPLETED Structural Engineer Approved	
Engineering	Gen-5			Y	If engineer(s) is reassigned or replaced, submit resume to CBO for approval. Inform CPM of approval by CBO.	N		Within 5 days							Open item
Engineering	Gen-6	WGPS/GWF	Assign qualified and certified inspectors	Y	Assign Inspectors; submit contact info and qualifications to CBO for review/approval, copy to CPM;	Y		No less than 15 days prior	Activity requiring inspection		24-Jan-11			On going; Submit copy of inspector to the CPM on 24-Jan-2011.	
				Y	Submit a copy of CBO approval letter to CPM in next MCR	N		Monthly Compliance Report	Monthly Report						On going; CBO approved 2/08/2011
				Y	If inspector(s) is reassigned or replaced, submit resume to CBO for approval. Inform CPM of approval by CBO.	N		Within 5 days							Open item

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Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Action Approval Date	Document transmittal number	Compliance Status
Engineering	Gen-7	WGFS/GWF	Design or construction discrepancy(ies)	Y	Document and correct design errors: If any corrective action is disapproved, the project owner shall advise the CPM of the reason for disapproval and the revised corrective action to obtain CBO's approval.	N		Within 5 days	Denial of corrective action by CBO					On going
				Y	Submit copy of approval of corrective action to CPM in next MCR	N		Monthly Compliance Report	Monthly Report					
Engineering	Gen-8	GWF	CBO final approval	Y	Submit to CBO, with copy to CPM in next MCR, request for approval for completed work and signed statement saying work conforms to plans; submit to CPM letter indicating storage of approved plans	N		Within 15 days	Completion of individual work items	25-Oct-12				On going
				Y	GWF submit: (1) a written notice that the completed work is ready for final inspection; and (2) a signed statement that the work conforms to the final approved plans to the CBO, with a copy to the CPM, in the next monthly compliance report.	N		Monthly Compliance Report	Monthly Report					On going
				Y	Submit to CPM letter indicating storage of approved plans	N		After storing the final approved plans	Completion of individual work items					On going
Engineering	Gen-8 (continued)	GWF	CBO final approval	Y	Submit 3 sets of electronic copies of 1) signed statement (above) in secure format (see FCD document)	N		Within 90 days	Completion of construction					On going
General	Compl-1	GWF	Unrestricted Access	Y	Submit letter to CEC providing unrestricted access to power plant site	Y		Pre-Construction	Site Mobilization		15-Oct-10	20-Oct-10		CPM Approved COMPLETED
General	Compl-2	GWF	Maintain project files on-site	N	Maintain project files on-site for CEC staff and agency access	N		Construction	Site Mobilization					On going
General	Compl-3	GWF	Compliance verification submittals	Y	Submit all verification submittals to CPM	Y		All phases	CEC decision					On going COC submittals
General	Compl-4	GWF	Pre-construction matrix	Y	Submit to CPM pre-construction matrix of Conditions that must be met before mobilization.	Y		Pre-Construction	Site Mobilization		12-Aug-10	23-Aug-10		Submitted
General	Compl-4			Y	Submit documentation that all pre-construction Conditions have been met. Requires a comparison of notes between GWF and the CPM. Compare the information in this Compliance Matrix with the information in the Energy Commission Compliance Information Tracking System.	Y		Pre-Construction	CEC decision					Completed
General	Compl-4			N	Receive CPM letter authorization site mobilization.	Y		NA	NA	28-Nov-10		20-Dec-10		Completed
General	Compl-5	GWF/Shaw	Compliance Matrix	Y	Submit comprehensive compliance matrix (spreadsheet format) monthly and annually	N		All phases	CEC decision					On going

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Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Approval Date	Document transmittal number	Compliance Status
General	Compl-6	GWF	Monthly Compliance Report	Y	Submit Monthly Compliance Reports (MCRs).	Y		Pre-Construction	1st month after site mobilization	25th of each month	1/24/2011 (1st); 2/25/2011 (2nd)			On going Email approval from CPM for start date 11-Oct-10; MCR due on the 25th of each month per Chris Davis email on 12/29/2010.
General	Compl-7	GWF	Annual Compliance Report	Y	Submit Annually after construction	N		Operations/Post Construction	On-line operations					Not Started
General	Compl-8	GWF	Confidential information	N	Requests for confidentiality should be addressed to the Energy Commission Executive Director.	N	NA	All phases	NA					Open item
General	Compl-9	GWF	Annual Fees	Y	Submit payment of Annual energy Facility Compliance Fee	N		All Phases	July 1 of each year during certification					On going (Submit payment by 01-July-2011)
General	Compl-10	GWF	Reporting of Complaints, Notices, and Citations	Y	Report all notices, complaints, violations to CPM	N		Construction: Within 10 days; MCR	Receipt of any complaints, notices, or violations					On going
General	Compl-10	GWF	Reporting of Complaints, Notices, and Citations	Y	Submit verification / documentation that all property owners within 1 mile of project have been notified of contact number for questions, complaints or concerns. Submit photo of Public Notice sign.	Y		Pre-Construction	Site Mobilization	1-Dec-10	17-Nov-10	10-Dec-10		Submitted letter to CPM APPROVED; Submitted photo of Public Notice sign Approved
General	Compl-11	GWF	Planned Facility Closure	Y	Submit closure plant to CPM	N		12-month prior to start of closure	Planned closure					Not Started
General	Compl-12	GWF	Unplanned Temporary Facility Closure	Y	Submit on-site contingency plan to CPM	N		No less than 60 days prior to closure	Planned temporary closure					Not Started
General	Compl-13	GWF	Unplanned Permanent Facility Closure	Y	Submit on-site contingency plan to CPM	N		No less than 60 days prior to closure	Planned closure					Not Started
General	Compl-14	GWF	Post-Certification Changes	Y	Submit petition to change / delete CPC or PTA design, operation or ownership	N		Prior to planned changes	Owner's decision to request modification to CEC license condition					Not Started
Geology & Paleo	Paleo-1	Shaw	Design Paleo Resources Specialist (PRS) and monitor (CPM)	Y	Submit résumé and statement of availability of the PRS and CPM	Y		No less than 60 days prior	Site Mobilization		13-Aug-10	13-Oct-10 (resume)		Letter of availability submitted on 10/1/10 - both electronic an hard copies COMPLETED
				Y	Submit letter and submit resumes of proposed monitors to CPM	Y		No less than 20 days prior	Site Mobilization	10/11/2010	5-Jan-11 Resubmittal; 19-May-11	28-Dec-10 Resubmittal Approved 27-Jan-11; 20-May-11		APPROVED: Per email from Chris Davis on 12/28/2010 Resubmitted for additional Monitor 5-Jan-11; Resume approved for additional PRM 5/20

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Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Approval Date	Document transmittal number	Compliance Status	
Geology & Paleo	Paleo-2	WGFS/GWF	Ground disturbance mapping	Y	Provide maps and drawings of disturbed grounds to PRS and CPM	Y		20 days prior	Ground disturbance	11/10/2010	16-Dec-10	27-Dec-10		GWF site grading and excavation drawings to CPM APPROVED	
Geology & Paleo	Paleo-3	Shaw	Paleontological Resources Mitigation and Monitoring Plan (PRMMP)	Y	Submit the PRMMP to the CPM for approval	Y		No less than 30 days prior	Start of construction		13-Aug-10	24-Aug-10		C Davis-Email dated 8/24 COMPLETED	
Geology & Paleo	Paleo-4	Shaw	Worker Environmental Awareness Training (WEAP)	Y	Submit the WEAP to the CPM for approval	Y		No less than 30 days prior	Start of construction	11/1/2010	3-Nov-10	12/2/2010; 3/24/2011		APPROVED; WEAP video approved 3/24/2011	
Geology & Paleo	Paleo-4	Shaw	Worker Environmental Awareness Training (WEAP)	Y	Submit completed training acknowledgement forms with Monthly Compliance Report	Y		Monthly	Monthly Report					On going	
Geology & Paleo	Paleo-5	GWF	Paleo monitoring	Y	The project owner shall ensure that the PRS notifies the CPM within 24 hours of the occurrence of any incidents of noncompliance with any paleontological resources COC.	N		within 24 hours	PRS Noncompliance					On going	
				Y	For any significant paleontological resources encountered, either the project owner or the PRS shall notify the CPM	N		within 24 hours	Significant paleontological resources		16-Mar-11	11-Apr-11			On going
				Y	The CPM shall be notified 10 days in advance of any proposed changes in monitoring different from the plan identified in the PRMMP.	N		within 10 days	Changes in monitoring						On going
				Y	Any unforeseen change in monitoring, the notice shall be given to the CPM as soon as possible prior to implementation of the change.	N		Immediately	Unforeseen changes in monitoring						On going
Geology & Paleo	Paleo-5 (continued)	GWF	Paleo monitoring	Y	PRS to submit summary of monitoring activities reports in MCR to CPM, even if no monitoring activities occurred for the month	N		Monthly	Monthly Report					On going	
Geology & Paleo	Paleo-6	GWF	Contracts with paleo resource recovery personnel	Y	Maintain copies of signed contracts / agreements from paleo resource recovery personnel; maintain records of curation; provide CPM with copy of transmittal of artifacts for curation	N		NA	Artifact discovery and sampling					Open item	
Geology & Paleo	Paleo-7	GWF	Paleontological Resources Report (PRR)	Y	Submit the PRR to the CPM under confidential cover; The PRR shall be prepared following completion of the ground-disturbing activities	N		Within 90 days after	Completion of the ground-disturbing activities					Not Started	
Geology & Paleo	Paleo-8	GWF	Facility closure	Y	Identify need for Paleo Assessment and mitigation measures	N		12 months prior to closure	Planned facility closure					Not Started	
Hazardous Waste	Waste-1	GWF	Qualified engineer or geologist	Y	Submit resume of a qualified engineer or geologist for site characterization, demolition excavation and grading activities to the CPM.	Y		No less than 30 days to mobilization	Site Mobilization	1-Nov-10	1-Nov-10	5-Nov-10		Approved COMPLETED	

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Hazardous Waste	Waste-2	WGPS/GWF	Discovery of contaminated soil	Y	Submit all reports to the CPM within 5 days of receiving final reports of contaminated soils report from the project engineer.	N		Within 5 days	Receipt of report of contaminated soil					Open item	
				Y	If significant remediation is required, contact CPM and Dept of Toxic Substances for guidance. Prepare telephone / letter correspondence for project files.	N		NA	Identified need for remediation						Open item
Hazardous Waste	Waste-3	WGPS/GWF	Demolition and Construction Waste Management Plan	Y	Submit a demolition and construction waste management plan to CPM for review/approval.	Y		No less then 30 days to site mobilization	Site Mobilization	1-Nov-10	2-Nov-10	2-Dec-10		APPROVED Not Required	
Hazardous Waste	Waste-4	GWF	Generator Id Number	Y	Submit hazardous waste generator identification number to the CPM prior to generating any hazardous waste during construction or operations	Y		Prior to site mobilization	Site Mobilization		12-Aug-10 Resubmitted 7-Dec-10	15-Dec-10		CPM could not locate first submittal; Resubmitted APPROVED	
Hazardous Waste	Waste-5	GWF	Waste Management enforcement actions	Y	Notify CPM of any impending waste management-related enforcement action by any regulatory agencies.	N		Within 10 days	Issuance of a hazardous waste enforcement action					On going	
Hazardous Waste	Waste-6	GWF	Operation Waste Management Plan	Y	Submit update of the current Operation Waste Management Plan to the CPM for approval	N		No less than 30 days	Prior to Operation Phase	23-Jul-12				Not Started	
				Y	Submit revisions requested by CPM to the Operation Waste Management Plan	N		Within 20 days	Upon receipt of comments from CPM						Not Started
				Y	Include in Annual Compliance Plan, actual volume of wastes generated, waste management methods, comparison of actual versus projects, and any Waste Management Plan updates	N		Annually	Annual Reporting						Not Started
Hazardous Waste	Waste-7	WGPS/GWF	Spill releases of hazardous substances	Y	Document all unauthorized releases and spills of hazardous substances, materials and waste that occur on the project property or related pipeline or transmission corridors. Provide documentation to CPM	N		Within 30 days	Spill release incident		12-Apr-11; 29-Apr-11	20-May-11		On going	
HazMat	Haz-1	GWF	Haz Mat Business Plan Update	Y	Project Owner shall provide an updated Hazardous Materials Business Plan in the Annual Compliance Report	N		Annual Reporting	Annual Reporting					Not Started	
HazMat	Haz-2	GWF	Haz Mat Business Plan Review (Table page 196)	Y	Provide an updated Hazardous Materials Business Plan for review and approval by the (SJCEHD), Tracy Fire Department, and to the CPM	N		30 days prior to first delivery for commissioning	Planned delivery of hazardous material	Planned Commissioning (first fire); 07May12				Not Started; complete during pre-commissioning	
HazMat	Haz-3	GWF	Safety Management Plan	Y	Develop Safety Mgmt. Plan for ammonia and other liquid hazardous materials delivery; provide to CPM for review / approval	N		30 days prior to first delivery for commissioning	Planned delivery of liquid haz material					Not Started;	
HazMat	Haz-4	GWF	Aqueous ammonia transport	Y	Submit copies of letters to supply vendors for CPM review / approval prior to delivery of aqueous ammonia verifying that delivery must meet or exceed DOT requirements	N		30 days prior to first delivery for commissioning	Planned delivery of aqueous ammonia					Not Started; complete during pre-commissioning	

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HazMat	Haz-5	WGPS/GWF	Hazmat delivery routes	Y	Submit copy to CPM of letters to vendors stating that hazmat deliveries must use route approved by the CPM;	N		30 days prior to first delivery	Planned delivery of any hazardous material					Not Started; complete during pre-commissioning
HazMat	Haz-6	WGPS/GWF	Construction Site Security Plan	Y	Notify CPM that site-specific Construction Site Security Plan is available for review and approval	Y		No less than 30 days prior	Start of construction	1-Dec-10	10-Nov-10; Resubmitted 27-Dec-10	5-Jan-11		Resubmitted Rev 6 27-Dec-10 APPROVED
HazMat	Haz-7	WGPS/GWF	Commissioning and Operation Site Security Plan	Y	Notify CPM that a site-specific Operations Site Security Plan for the commissioning and operations is available for review and approval			No less than 30 days prior	Commissioning (first fire)	28-Mar-12				Open item
				Y	Verify updates and compliance with Site Security Plan as part of Annual Report			Annually	Submittal of Annual Compliance Report					
Land Use	Land-1	GWF	Prime farmland mitigation ( 3.28 acres)	Y	Pay a mitigation fee to an agricultural land trust that has been approved by the CPM.	Y		120 days prior	Site Mobilization		15-Dec-10	4-Jan-11		Proof of Payment Submitted 27-Dec-10
Land Use	Land-1		Prime farmland mitigation ( 3.28 acres)	Y	Provide written proof to CPM that the mitigation fee has been paid to the land trust on time.	Y		within 3 years of the start of operation	start of operation		17-Dec-10	4-Jan-11		Submitted
Land Use	Land-1			N	Provide updates to CMP in the Annual Compliance Report on the status of farmland/easement purchases and the continued implementation of the TPP's agricultural mitigation plan; farmland and/or easements have been purchased within three years of the start of operation.	Y		annual update; purchase farmland or easements by 2015	Annual Reporting					On going
Mechanical	Mech-1	WGPS	Design of major piping and plumbing systems (Tied to Gen-2 page 46)	Y	Submit final design plans, specifications, and calculations to CBO for approval of major piping or plumbing construction submit plans to CBO for review/approval; copy of transmittal letter to CPM	Yes- Prior to installation		No less than 30 days prior; MCR	Planned installation of major piping and plumbing systems	4-Mar-11	17-Mar-11	12-Apr-11		On going
				Y	Provide copy of CBO approval letters to CPM	N		Monthly Compliance Report; MCR	Approval by CBO					
Mechanical	Mech-2	WGPS/GWF	Pressure vessel certification	Y	Submit to CBO and Cal-OSHA pressure vessel certification papers for ASME Code conformance; including a copy of the signed and stamped engineer's certification, to the CBO for design review and approval; with a copy of the transmittal letter to the CPM	N		No less than 30 days prior; MCR	Planned fabrication or installation of pressurized vessel(s)	1-Oct-11				Verify Cal OSHA On going
				Y	Submit copy CBO/CalIOSHA approval letters to CPM	N		Monthly Compliance Report; MCR	Approval by CBO/Cal-OSHA					
Mechanical	Mech-3	WGPS	HVAC/refrig system design	Y	Submit final plans, specifications, and calculations to CBO for approval; submit engineer's statement of compliance to CBO copy transmittal letter to CPM	N		No less than 30 days prior	Planned installation of HVAC/refrig system					On going

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Technical Area	COC No.	Responsible Party	Condition Short Description	Deliverable Req.	Verification Action	Prior to Start of Construction ?	Action Days	Submittal Timing	Submittal Trigger Event	Expected Submittal Date	Actual Submittal Date	Submittal Approval Date	Document transmittal number	Compliance Status
Noise	Noise-1	GWF	Public notification	Y	Notify all occupants in 1/2-mile radius of plan to start construction; establish telephone number for noise complaints, manned 24 hr/day or equipped with auto-answer feature with time/date stamp	Y		15 days prior	Site Mobilization	15-Nov-10	9-Dec-10	3-Dec-10; 10-Dec-10		Submitted photo of Public Notice sign; Approved (10-Dec-2010)
				Y	Submit signed letter of verification to the CPM that the required notifications and complaint system has been completed.	Y		prior to	Site Mobilization	15-Nov-10	17-Nov-10 Resubmitted 7-Dec-10	3-Dec-10		CPM could not find first submittal Resubmitted APPROVED
Noise	Noise-2	WGPS/GWF	Noise Complaint Resolution	Y	Document and resolve noise complaints; file Noise Complaint Resolution Form or similar instrument with CPM and local jurisdiction	N		Within 5 days	Receipt of noise complaint					On going
				Y	If noise mitigation is required and not resolved within 3 days, submit Noise Complaint Resolution for with CPM when mitigation is completed	N		Within 3 days	Noise complaint resolved					On going
Noise	Noise-3	GWF/WGPS	Noise Control Program	Y	Submit a construction noise control program and owners signed statement to CPM for review / approval; program is available to Cal/OSHA upon request. Verifying that the noise control program will be implemented throughout construction of the project.	Y		No less than 30 days prior	Start of Construction	11-Dec-10	15-Dec-10	27-Dec-10		Submitted APPROVED
Noise	Noise-4	GWF	Noise Mitigation Plan and Survey	Y	Design & implement noise mitigation in accordance with Noise-4 and conduct noise survey once a sustained power output of 85% or greater is achieved. Submit survey summary and any proposed mitigation to CPM for approval.	N		30 days following	Sustained power output of 85% or greater	1-Apr-12				Not Started
				Y	Submit report on survey to CPM and local jurisdiction describing mitigation and proposed mitigation implementation schedule.	N		15 days following survey	Completion of noise survey	30-Apr-12				Not Started
Noise	Noise-5	GWF	Occupational noise survey	Y	Conduct occupational noise survey to identify noise hazards. Within 30 days of achieving 85% output, conduct occupational noise survey; submit report to the CEC and available to OSHA and Cal/OSHA upon request.	N		Within 30 days following achieved output	Sustained output of 85% or greater	1-Sep-12				Not Started
Noise	Noise-6	WGPS/GWF	Construction noise limitations	Y	Provide statement to CPM that required noise limitations (See Noise-6) will be met.	Y		NA	Start of construction	1-Dec-10	30-Nov-10	20-Dec-10		Approved
Noise	Noise-7	WGPS/GWF	Steam Blow Restrictions	Y	Submit to CPM drawings and other information describing steam blow silences and projected noise levels expected and schedule	N		15 days prior	First steam blow	3/1/2012; 4/20/2012				Not Started
				Y	Submit to CPM drawings and other information describing procedures for continuous low-steam blow, projects noise levels, and schedule	N		15 days prior	Low pressure continuous steam blow	3/1/2012; 4/20/2012				Not Started
Socioeconomics	Socio-1	GWF	Payment of school impact fee	Y	Submit to CPM proof of payment of development / impact fees	Y		30 days prior	Site Mobilization	11/1/2010	1-Nov-10	4-Nov-10		Approved COMPLETED
Soil & Water	S&W-1	Shaw/GWF	Stormwater Pollution Prevention Plan	Y	Project Owner shall submit the construction SWPPP to SJ County Stormwater Engineer for review.	Y		NA	Site Mobilization	1-Nov-10				SJ County Stormwater Engineer

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Soil & Water	S&W-1	Shaw/GWF	Stormwater Pollution Prevention Plan	Y	Submit copy to CPM of all correspondence to the State Water Resources Control Board including a copy of Notice of Intent sent; and the Notice of Termination (Annual Report is Sept. 1)	Y		Within 10 days	Receipt of correspondence or mailing of submittals	11/1/2010	10/22 - NOI online submittal and fee payment.	19-Nov-10		NOI and SWPP submitted 22-Oct-10 APPROVED; NOT - open item	
Soil & Water	S&W-2	WGPS	Drainage, grading, and erosion & sediment control plans	Y	Submit to San Joaquin County a site-specific Drainage, Erosion and Sedimentation Control Plan (DESCP) to review and comment	Y		No less than 90 days prior	Site Mobilization	28-Oct-10	11-Nov-10	20-Dec-10		APPROVED	
	Y			Submit Drainage, Erosion and Sedimentation Control Plan (DESCP) to the CPM for approval	Y		No less than 60 days prior to site mobilization	Site Mobilization	22-Oct-10	11-Nov-10	20-Dec-10		APPROVED		
Soil & Water	S&W-2			Y	Provide CPM monthly compliance reports regarding compliance activities, effectiveness, and issues	N		Monthly - During Construction	Monthly Compliance Report						On going
Soil & Water	S&W-2			Y	Once operational, submit to the CPM with an annual compliance reports regarding results of stormwater BMP monitoring and maintenance activities	N		Annually - During Operations	Annual Compliance Report						Not Started
Soil & Water	S&W-3	GWF	NPDES Permit	Y	Submit operation phase SWPPP, or NONA to the CPM for approval	N		No less than 30 days prior	Commercial operation	22-Jun-12				Not Started; Submit NONA to Regional Board	
	Y			Provide any correspondence received from the Regional Board to the CPM (NOI and NOT)	N		Within 10 days of receipt	Receipt of correspondence	1-Jul-12						Not Started; Approved NONA to CPM
Soil & Water	S&W-4	GWF	Annual raw water use allocation	Y	Submit documentation to CPM demonstrating that water use metering device(s) have been installed.	N		No less than 60 days prior	Commercial operation	5-Mar-12				Not Started	
	Y		Annual reporting	Y	Provide monthly total water used, serviced, tested and calibrated, maintenance, and compliance activities to the CPM in the annual report, including a Water Use Summary.	N		Annually	Annually; First year of operation	16-Apr-12				Not Started	
Soil & Water	S&W-5	GWF	Commercial septic system	Y	Submit to CPM copy of permit(s) and correspondence from SJ County regarding approval of septic system	N		Upon receipt	Issuance of permit by SJ County	1-May-12				Open item	
Soil & Water	S&W-6	GWF	Industrial wastewater and non-contact stormwater	Y	Provide CPM evidence that industrial wastewater and contact stormwater disposal is being handled by a licensed disposal and transportation facility in the annual compliance report	N		Annually	Annual Reporting					On going; Submit in Annual Compliance Report	
Structural	Struc-1	WGPS	Structure design plan and later force (Tied to Gen-2 page 46)	Y	Submit to CBO (copy to CPM) proposed lateral force procedures, applicable designs, plans & drawings for project structures; ( or alternative time); with a copy of the transmittal letter to the CPM.	N		60 days prior to start of major structure construction	Planned start of major construction	1-Jan-11	12/1/10; 2/14/11; 2/15/11; 3/18/11; 4/4/11; 4/6/11; 4/11/11; 4/12/11; 4/14/11; 5/4/11;	12/27/10; 3/2/11; 3/21/11; 4/11/11; 5/2/11; 5/3/11; 5/20/11		On going	
				Y	Submit to CPM CBO's statement that plans have been approved and conform with LORS	N		Next Monthly Compliance Report	CBO approval of plans						On going
Structural	Struc-2	WGPS	Concrete, bolt torque, and field weld documents and inspections	Y	Submit required document sets and results of tests and inspections to CBO , submit to CBO an NCR (non-compliance report); with a copy of the transmittal letter to the CPM	N		Within 5 days of discovery of discrepancy	Inspection discovers deficiencies or error		19-May-11			On going	

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Structural	Struc-2	WGPS	Concrete, bolt torque, and field weld documents and inspections	Y	Submit resolution data to CBO and CPM; transmit copy of CBO response to CPM within 15 days	N		Within 15 days	Approval or disapproval by CBO of corrective action					On going
				Y	If resolution data is disapproved by the CBO; the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain the CBO's approval. Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	N		Within 5 days of disapproval	Disapproval by CBO of corrective action					
Structural	Struc-3	GWF	Design changes	Y	Submit design changes to CBO; copy transmittal letter to CPM; notify CPM in next MCR of CBO approval	N		Monthly Compliance Report; MCR	Any design change					On going
Structural	Struc-4	WGPS/GWF	Tank and vessel storage of hazardous materials	Y	Submit final design plans, specification, and calculations to CBO ;	N		No less than 30 days prior	Planned installation of tanks or vessels	15-Jun-11				Open item
				Y	Provide copies of CBO plan check and inspection approvals to CPM	N		Monthly Compliance Report; MCR	Approval by CBO					
Note: All TSE conditions must be fulfilled prior to construction of transmission lines but not before project construction can begin														
Transmission Engineering	TSE-1	WGPS/GWF	Transmission facility design submittals	Y	Submit schedule of facility design submittals, Material Drawings and Specification, Major Equipment list, etc to CPM and CBO submit updates to CPM	Y		No less than 60 days prior, update in MCR	Prior to start of construction of transmission facilities	4-Aug-11				Open item
Transmission Engineering	TSE-2	WGPS/GWF	Electrical Engineer	Y	Project owner shall assign responsible engineers to the project. Provide CBO names and resumes. Provide CPM approval within 5 days of CBO approval.	Y		No less than 30 days prior to start of rough grading	Start of construction; construction		21-Sept-10 11-Oct-10	6-Oct-10 20-Oct-10		CPM notified 11-Oct-10 CPM notified 21-Oct-10
Transmission Engineering	TSE-2	WGPS/GWF	Electrical Engineer	Y	Project owner shall assign responsible engineers to the project. Provide CBO names and resumes. Provide CPM approval within 5 days of CBO approval.	N		Within 5 days	Construction	Open				On going
Transmission Engineering	TSE-3	WGPS/GWF	Design discrepancy following CBO review	Y	Document any recommendation for corrective action of any discrepancy in design or construction in work that has been reviewed and approved by CBO. Submit as a controlled document to CBO for approval.	N		Immediately	When discrepancy is found	Open				On going
				Y	Inform CPM of CBO approval or disapproval	N		Within 15 days	CBO approval or disapproval	Open				On going
Transmission Engineering	TSE-4	WGPS/GWF	Switchyard, outlet line, and termination design plans	Y	Submit plant switchyard, outlet line and termination design plans to CBO for review/approval; include engineer's LORS compliance statement; keep plans on-site 1 year after construction; CPM-Copy of transmittal record to CBO	N		No less then 30 days prior to each construction increment	Planned construction	5-Aug-11				On going

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Transmission Engineering	TSE-4	WGPS/GWF	Switchyard, outlet line, and termination design plans	Y	Submit to CPM a) Receipt or delay of major electrical equipment; b) Testing or energization of major electrical equipment; and c) The number of electrical drawings approved, submitted for approval, and still to be submitted.	N		Monthly Compliance Report	Planned construction					On going	
				Y	Submit copy of transmittal letter to CPM in next MCR	N		Monthly Compliance Report	Any design submittal to CBO					On going	
Transmission Engineering	TSE-5	WGPS/GWF	TSE design submittals	Y	Submit design materials specified in TSE-5 to CBO for approval; transmission facilities must conform to LORS; Submit CBO approval to CPM	N		No less than 60 days prior to transmission construction	MCR	5-Aug-11				Open item	
Transmission Engineering	TSE-6	WGPS/GWF	Design changes	Y	Submit documentation to CBO and CPM of any proposed design changes	N		No less than 60 days prior to transmission construction		28-Aug-11				On going	
Transmission Engineering	TSE-7	GWF	System synchronization and Cal ISO notification	Y	Provide notice to Cal ISO before synchronizing to transmission system:	N		One week prior to synchronization	Planned system synchronization	13-Mar-12				Not Started	
				Y	Contact Cal ISO by telephone and document conversation requesting grid testing. Provide documentation of conversation to CPM 1 day prior to system synchronization	N		No less than 2 days prior to testing and synchronization	Planned system synchronization	13-Mar-12					Not Started
Transmission Engineering	TSE-8	WGPS/GWF	Transmission facilities inspection requirements	N	During and after transmission construction continue inspection transmission facilities to ensure conformance to CPUC GO-95/GO-128, NESC, Title 8, CCR Articles 35, 36, & 37, etc.; submit materials to CPM and CBO per TSE-7.	N		During and Post-construction	Inspections					Not Started	
				N	"As built" drawings of the elec, mech, struc, and civil portion of the transmission facilities shall be maintained and available, for CPM audit as set forth in the "Compliance Monitoring Plan."	N		Within 60 days	First system synchronization	25-May-12					Not Started
				Y	"As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer. A statement attesting to conformance with CPUC GO-95/GO-128, NESC, Title 8, CCR Articles 35, 36, & 37, etc.; submit materials to CPM and CBO per TSE-7.	N		Within 60 days	First system synchronization	25-May-12					Not Started
Transmission Engineering	TSE-8 (continued)	WGPS/GWF	Transmission facilities inspection requirements	Y	A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge	N		Within 60 days	First system synchronization	25-May-12				Not Started	
				Y	non-conformance, the project owner shall inform the CPM and CBO in writing	N		Within 10 days	Inspections						Not Started
				Y	Submit "as builds" and results of inspections and corrective actions to CBO and CPM	N		Within 60 days	First system synchronization	25-May-12					Not Started

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Transmission Line Safety	TLSN-1	GWF	Line segment upgrade requirements	N	Submit RE signed letter to CPM verifying that the transmission line will be built per CPUC's GO-95 and GO-52, CCR Title 8, Group 2 HVESO, Sect's. 2700 -2974 of the CCR, and PG&E's EMF reduction guidelines	N		No less than 30 days prior to construction or upgrades	Planned transmission line construction or upgrades	1-Aug-11				Not Started	
Transmission Line Safety	TLSN-2	GWF	Intent to comply with requirements	Y	Submit RE signed letter to CPM affirming intent to identify and correct complaints of interference with radio or television signals from transmission line or switchyard	N		No less than 30 days	Prior to planned system operation	20-Apr-12				Not Started	
Transmission Line Safety	TLSN-3	GWF	Energization measurements	Y	Submit copies of pre and post energization measurements documentation	N		Within 6 months following	Completion of final measurements	1-Jun-12				Not Started	
Transmission Line Safety	TLSN-4	GWF	Combustible material storage within right-of-way	Y	Submit letter to CPM verifying compliance with TLSN-4 regarding combustible material storage	N		30 days prior	Planned start of operation	20-Apr-12				Not Started	
Transmission Line Safety	TLSN-5	GWF	Metal object grounding with right-of-way	Y	Submit letter to CPM ensuring all permanent metal objects within right-of-way of project line are grounded to industry standard	N		30 days prior	Planned line energization	1-Jun-12				Not Started	
Transportation	Trans-1	WGPS/GWF	Construction Traffic Control Plan	Y	Provide a construction traffic control plan and implementation program to the CPM for approval.	Y		30 days prior	Site Mobilization	1-Nov-10	2-Nov-10	2-Dec-10		APPROVED	
Transportation	Trans-2	GWF	Components height requirement	Y	Provide pictures of any components over 132 feet high after FAA required lighting and marking are complete	N		30 days prior	Start of Operations	11-Dec-11				Not Started	
Transportation	Trans-2	GWF	Letter of Compliance	Y	Submit to CPM for approval a letter from the FAA and TCY showing compliance in notifying all pilots of potential air hazards.	N		60 days prior	Start of operation	1-Jun-12				Not Started	
Transportation	Trans-4	WGPS	Repair of roadway damage	Y	Prior to start get images of affected roadways: provide CPM and SJ County with copy of images. Notify the SJ County about the schedule for project construction.	Y		Prior to start	Start of construction	15-Nov-10	30-Dec-10	5-Jan-11		Submitted letter/photos to SJ County and CPM APPROVED	
Transportation	Trans-4			Y	Obtain approval from CPM and SJ County for planned roadway repairs	N		30 days following redevelopment completion	Construction completion	1-Sep-12					Open item
Transportation	Trans-4			Y	After completion provide CPM a letter of satisfaction with road improvements from SJ County.	N		Within 30 days	Completed roadway repairs	1-Sep-12					Open item
Transportation	Trans-5	WGPS/GWF	Roadway weight limits	Y	Submit copies of pertinent permits to the CPM obtained from Caltrans, San Joaquin County, & City of Tracy regarding vehicle sizes, weights limits, etc.	N		Monthly	Monthly Report	1-Aug-12				On going	

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Visual	Visual-1	WGPS/GWF	Visual Screening Plan	Y	Submit visual screening plan to CPM for review and approval	Y		30 days prior	Site mobilization	11/1/2011	9-Nov-10	15-Dec-10		APPROVED
				Y	Notify CPM when screen is completed and submit electronic color photographs to CPM	Y		During site mobilization	Site mobilization	1-Jan-11	30-Dec-10	5-Jan-11		CPM email 04-Jan-2010: screening completion will not hold up construction; Submitted (photos 12/30/10); Screening complete 13-Jan-11 APPROVED
Visual	Visual-2	WGPS/GWF	Surface Restoration Plan	Y	Submit to the CPM for approval a surface restoration plan review and approval	N		60 days prior	Commercial Operation	5-Mar-12				Not Started
				Y	Submit any CPM requested revision to the plan to the CPM for additional review	N		Within 30 days	Follow receipt of comments from CPM	5-Apr-12				Not Started
				Y	Complete implementation of surface restoration plan; notify CPM.	N		Within 60 days following commercial operation	Commercial Operation	1-Jul-12				Not Started
				Y	The project owner shall notify the CPM within seven days after completion of surface restoration that the restoration is ready for inspection.	N		Within 7 days following completion of surface restoration	Commercial Operation	2-Jul-12				Not Started
Visual	Visual -3	WGPS/GWF	Construction lighting	Y	Notify CPM that construction lighting is ready for inspection	N		Within 7 days following start of construction	Commencement of construction	18-Jan-11	2-Feb-11	24-Mar-11		Open item Submitted notification
				Y	Make any requested modifications to lighting	N		With 15 days	Request from CPM for revisions			24-Mar-11		Open item; Approved (3/18/2011).
				Y	Submit any complaint to CPM on the lighting complaint form and proposed resolution	N		Within 48 hours	Receipt of complaint					Open item
				Y	Notify CPM when complaint has been resolved	N		Within 48 hours	Resolution of complaint					
				Y	A copy of the complaint resolution form report shall be included in the subsequent Monthly Compliance Report	N		MCR	Resolution of complaint					Open item
Visual	Visual-4	GWF	Revised Perimeter Landscaping Plan	Y	Submit any proposed perimeter landscaping proposal to SJC and the CPM for review / approval.	N		Within 30 days prior	Planned start of landscaping	23-Jul-12				Not Started
				Y	Submit any requested changes to plan to CPM	N		Within 15 days	Receipt of comments from CPM	11-Jul-12				Not Started
				Y	Notify CPM of completed landscaping for inspection	N		Within 7 days	Completion of landscaping					Not Started

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Visual	Visual-5	WGPS/GWF	Lighting Mitigation Plan	Y	Contact CPM to discuss documentation required in lighting mitigation plan	N		No less than 90 days prior	Planned ordering of exterior lighting materials	25-May-11				Open item		
				Y	Submit lighting mitigation plan to SJCCDD for review/comment and CPM for review / approval; notify CPM after light installation for inspection	N		No less than 60 days prior	Planned ordering of permanent exterior lighting materials	30-Jun-11					Open item	
				Y	Notify CPM that lighting is ready for inspection	N		Prior to commercial operation	Planned commercial operation	1-Jul-12					Open item	
				Y	Submit copy of any lighting compliant to CPM on compliant form and include proposed resolution; notify CPM within 48 hours of compliant resolution	N		Within 48 hours	Receipt of complaint							Open item
				Y	Within 48 hours of receiving a lighting complaint, the project owner shall provide the CPM with a complaint resolution form report as specified including a proposal to resolve the complaint, and a schedule for implementation.	N			Receipt of complaint							Open item
Visual	Visual-6	GWF	Facility Surface Treatment Plan	Y	Submit to the CPM for review and approval a specific surface treatment (color) plan; also submit to SJCCDD for review / comment	N		90 days prior to specifying colors	Planned issuance of treatment specifications to vendor	1-Oct-11				Open item		
				Y	Notify CPM when treatment is complete and ready for inspection and shall submit one set of electronic color photographs from the same key observation points identified (see COC, item D).	N		Prior to commercial operation	Planned commercial operation						Open item	
				Y	Provide status report of implementation of treatment plan	N		Annual	Annual Reporting						Open item	
Visual	Visual-7	WGPS/GWF	Exterior fences and walls	Y	Submit to CPM for review and approval and to SJCCDD for review / comment, design specifications for fences and walls	N		Prior to ordering	Planned ordering of fencing / wall materials	1-Feb-12				Open item;		
Worker Safety	WS-1	WGPS/GWF	Project Construction Safety and Health Program	Y	Submit Construction Safety and Health Program to CPM for review and approval	Y		30 days prior to start of construction	Start of construction	11-Dec-10	2-Nov-10	27-Dec-10		APPROVED		
		WGPS/GWF	Project Operations and Maintenance Safety and Health Program	Y	Submit Fire Prevention Plan and Emergency Action Plan to Tracy Fire Department for review and comment. Provide letter from Tracy Fire Department to the CPM with comments on the plans.	Y		30 days prior to start of construction	Start of construction	1-Feb-12	27-Oct-10 9-Nov-10	16-Nov-10		Submitted to TFD 27-Oct-10 Submitted Letter to CPM 9-Nov-10 CPM Approved Completed		
Worker Safety	WS-2	GWF	Project Operations and Maintenance Safety and Health Program	Y	Submit Project Operations and Maintenance Safety and Health Program to CPM for review and approval	N		30 days prior to	Start of commissioning ("first fire")	12-Mar-12				Not Started		



**TCC Project**

(08-AFC-7C)

**MONTHLY COMPLIANCE REPORT**

**April 2011**

**Exhibit 8: Air Quality Construction Mitigation Documentation**

## Air Quality Construction Mitigation Document

During the reporting period of April 2011, there were no negative issues with air quality at the Tracy Combined Cycle Power Plant (TCCPP) site. No complaints regarding negative effects on air quality were filed with the San Joaquin Valley Air Pollution Control District. There were no on-site air quality inspections by the State Air Resources Control Board or by the Valley Air District.

Significant construction activities performed during April 2011 were the installation 66 of 100 piles in the Air Cooled Condenser (ACC) area, setting the storm water manholes to rough grade, and prepping the site for the ACC pile caps. Activities also included paving the permanent site roads and the application of magnesium chloride as a dust suppressant<sup>1</sup>. The dust suppressant was added to the laydown area, parking lots, stockpiles, and site roads with an application rate of ½ gallon per square yard on the 6<sup>th</sup> of March.

The site experienced weather ranging from relatively steady sunshine to precipitation events throughout the month. There was one wind events recorded on the 28<sup>th</sup> of April. During this event, winds reached speeds of greater than 20 miles per hour (mph). Fugitive dust from this wind event was mitigated with continuous watering at the project site.

The Air Quality Construction Mitigation Manager (AQCMM), along with delegates, utilized a daily checklist to affirm compliance with the conditions specified in AQ-SC3 (Construction Fugitive Dust Control), AQ-SC4 (Dust Plume Response Requirement), AQ-SC5 (Diesel-Fueled Engine Control), and compliance with COCs AQ-92 to AQ-101. Regulation VIII Record Keeping Forms were also used to document daily dust control activities. Monitoring record keeping forms and daily checklists supplemented with notes can be found in the attached documents. Photos of construction activities during April are included in Exhibit 6.

Neither trackout, nor carryout were an issue during the month of April. The site entrances, along with some roads, were previously treated with base rock, and shaker plates to prevent trackout. Permanent site roads were paved with a 1 ½ inch layer of asphalt on the 5<sup>th</sup> of March. The street sweeper dedicated to this site was utilized until the 12th of March.

After the 12<sup>th</sup> of March, minor construction activity was performed onsite, which included 2 to 3 construction workers prepping the site for the ACC pile caps by building forms. All construction activity was contained onsite. The only construction equipment barely used onsite for prepping the ACC pile caps was a boom (forklift). Carryout was not an issue as no bulk materials were transferred from the site and all delivery trucks

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<sup>1</sup> A Revised Dust Control Plan for applying magnesium chloride to the project site as a dust suppressant was submitted and approved by the San Joaquin Valley Air Pollution Control District and the California Energy Commissioner Staff.

were free of materials before leaving. At the end of the month the work load increase and roads were watered and swept while wet to prevent trackout. A completed sweeping/cleanup schedule for the month (Regulation VIII, Record Keeping Form B) can be found in the attached documents.

In April, minimal fugitive dust was generated by construction activities due to the effectiveness of the best management practices (BMPs), dust control measures, and cool weather conditions. At the end of the month, the ACC foundation area and roads were watered to mitigate fugitive dust generated by the equipment and prevent potential trackout.

**Diesel-fueled Engine Control:**

During the month of March, WGPS implemented compliance with COC AQ-SC5 to include engine control and compliance of diesel fueled equipment on site. The daily equipment checklists are available at the contractor construction trailers for every piece of equipment on site. All diesel fueled engines used in construction activities at the facility have the required visible tags issued by the on-site AQCMM indicating that the engine meets the conditions of compliance. The updated equipment lists are attached, as well as letters of certification/compliance.

## OVERAA Equipment List for April 2011

Off-Road Diesel Equipment: OVERAA Equipment List for April 2011															
Make	Description	Model	Year	Serial #	Engine SN	Eng Manufacturer	Eng Model	Eng Family	Eng Model Yr	Eng HP	Displacement (Liters)	Delivery date	Off date	Duration of Eq. still onsite (Business days)	Tier
GENIE	Boom Material Handler	GHT-1056	2006	RE522528	319059	DEERE	4045HF275C	5JDXL106.8078	2005	125	--	3/10/2011	on-site	37	2



May 5, 2011

Doug James  
Wood Group Power Solutions  
14950 W Schulte Rd  
Tracy, CA 95377

Re: Contractor owned and rental equipment

Mr. James,

Per your request, this letter is to confirm the responsibility of C. Overaa & Co. to maintain any equipment we provide to the site to perform work under our current contract to provide temporary power. Our responsibility is limited to equipment provided solely by C. Overaa & Co. whether it be owned or rented by our company exclusively. Maintenance will include all fuels, lubricants, support equipment, repair parts, and service and maintenance labor. Equipment provided or rented by parties other than C. Overaa & Co. is specifically excluded from our responsibility.

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

Larry Cathey  
Site Safety Officer  
C. Overaa & Co.  
(510) 234-0926 Office  
(916) 600-9575 Cell

**West Coast Drillers Equipment List for April 2011**

Off-Road Diesel Equipment: West Coast Drillers List for April 2011														
Description	Make	Model	Year	Serial #	Engine SN	Eng Manufacturer	Eng Model	Eng Family	Eng Model Yr	Eng HP	Delivery date	Off date	Duration (Business days)	Tier
Drill Rig	SOILMEC	312-200	2004	2075	46325259	CUMMINS	QSB5.9C205	3CEXL0359ABE	2004	205	3/15/2011	4/12/2011	23	2

**WEST COAST DRILLING, INC.**  
DRILLING CONTRACTORS

April 26, 2011

Per your request, this letter is to confirm the responsibility of West Coast Drillers Inc. to maintain any equipment we provide to the site to perform work under our contract. Our responsibility is limited to West Coast Drilling Inc. equipment whether owned or rented by our company. Maintenance will include fuel, lubricants, support equipment, repairs and service and maintenance.

Sonny Combs

A handwritten signature in black ink that reads "Sonny Combs". The signature is written in a cursive, flowing style with a prominent loop at the end of the last name.

## Sierra Equipment List for April 2011

Off-Road Diesel Equipment: SIERRA Equipment List for April 2011																
Make	Description	Model	Year	Serial #	Engine SN	Eng Manufacturer	Eng Model	Eng Family	Eng Model Yr	Eng HP	Displacement (Liters)	Delivery date	Off date	Duration (Business days)	Tier	Comments
CAT	Grader	140h	2006	140THCA02193	3PD15953	CAT	3178	5CPXL07.2HSK	2005	165		3/11/2011	4/18/2011	27	2	
Hitachi	Excavator	EX200 LC-5	1998	14MP085963	533 812	IZUSU	A-6BGIT	4CPXL10.3ESK	1998	132	6.5	1/10/2011	4/1/2011	60	1	( see note 1)
CAT	ROLLER	CS563E	2006	CS563CCNGD1596	G4D3PD2135	CAT	3306	4JDXL04.5040	2006	150		1/10/2011	4/8/2011	65	2	
<p><b>Notes:</b></p> <p>1. This piece of Off-Road Diesel Equipment was not used in April. The excavator was removed off-site on April 1st.</p>																

# **Sierra Equipment Rental, Inc.**

STATE LICENSE NO. 884169A

May 1, 2011

Mr. Don Stock  
Overaa Construction  
200 Parr Blvd.  
Richmond, CA 94801

Re: Sierra Equipment Rental Equipment Safety and Service  
Project Address 14950 West Schulte Road, Tracy Ca 95377.

Dear Mr. Stock:

Sierra Equipment Rental thoroughly inspects all equipment for safety, mechanical, and service prior to being delivered to 14950 West Schulte Road, Tracy Ca 95377.

Sierra Equipment Rental will make all inspection records for all equipment used on the project for on-site inspections if requested.

Sierra Equipment does provide daily pre inspection and after shift inspections daily for all equipment used on the project. These records are available for use from our on-site authorized representative.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. Executed this 1<sup>st</sup> day of May 2011.

Respectfully,

*Tim Wiggin*  
Tim Wiggin

8176 County Road 44  
Glenn, CA 95943  
Ph 877.503.6300 Fax 530.934.2247

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/1/2011

Form Completed by (AQCM or Delegate): Cathy Martin

Site Conditions (calm, windy) During the Day:  
AM: Sunny, Calm winds, 60°F PM: Sunny, Calm winds, 78°F

Current Construction Activities (e.g., Grading, Over-Excavation):  
Drilling MCC Piers, work on rock base for pierment holes

Types and Numbers of Equipment Operating:  
Drill Rig, Concrete pump truck, concrete mixer, Boom (Front loader), skip loader, Bldg hoist, roller screener, street sweeper, Double-D trucks

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes	Visual	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	CA <del>NO</del> Yes	Visual	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCOMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCOMM that the use of such devices is not practical for specific engine types.	Yes	Equipment LST	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance LST	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		none on site

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

Signature 

Date 4/1/2011

Circle Title (AQCOMM) (AQCOMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/4/2011

Form Completed by (AQCM or Delegate): CATY MARTIN

Site Conditions (calm, windy) During the Day:  
AM: Sunny, Calm winds, 51°F PM: Sunny, Calm winds, 65°F

Current Construction Activities (e.g., Grading, Over-Excavation):  
Daily ACC Piles, compact permanent hauls

Types and Numbers of Equipment Operating:  
Wheel loader, Concrete pump mixer, Concrete mixer, Boom (with lift), scraper, roller, skip loader, backhoe, street sweeper, Double-D trailer

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes	Visual	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	<del>No</del> Yes	Visual	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment list	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance list	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		- none onsite

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

Signature 

Date 4/4/2011

Circle Title (AQCMM) (AQCMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/5/2011

Form Completed by (AQCM or Delegate): Cathy Martin

Site Conditions (calm, windy) During the Day: AM 45° F PM 71° F  
AM: Sunny, calm winds PM: Windy, Cloudy

Current Construction Activities (e.g., Grading, Over-Excavation):  
Drilling ACC Piers, Paving Roads, Compacting Roads

Types and Numbers of Equipment Operating:  
Dredger, Concrete Pump Truck, Cement Trucks, Fork Lift (boom), Scissor, Backhoe Loader, skid loader, street sweeper

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		Asphalt road just paved.
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes	Visual	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	Yes	Visual	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment List	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance List	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None on site

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

Signature



Date

4/5/2011

Circle Title (AQCMM) ~~(AQCMM Delegate)~~

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/6/2011

Form Completed by (AQCMM or Delegate): Cathy Martin

Site Conditions (calm, windy) During the Day:

AM Sunny, calm winds, Temp 51°F P.M. Sunny, wind @ 15mph, 67°F

Current Construction Activities (e.g., Grading, Over-Excavation):

Drilling ACC Piles, Adding MGCK to site roads, laydown area, ~~and~~ on  
gravel piles, & parking lots

Types and Numbers of Equipment Operating:

Drill rig, Fork lift, Backhoe, cement pump and trucks, slip loader, backhoe,  
washing truck

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

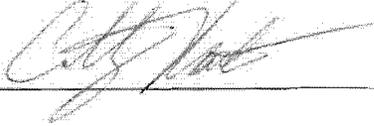
**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		- Accident may Asphalt hot drying.
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes	Visual	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual & treated.	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & dust suppressant (Ag CE)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQMMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQMMM that the use of such devices is not practical for specific engine types.	Yes	Equipment L.S.H.	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance L.S.H.	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None on site

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

Signature 

Date 4/6/2011

Circle Title (AQMMM) (AQMMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/7/2011

Form Completed by (AQCMM or Delegate): CARRY MARTIN

Site Conditions (calm, windy) During the Day:  
AM: 45°F, wind @ 10 mph, partly cloudy, precipitation.  
PM: 52°F, wind @ 13 mph, precipitation.

Current Construction Activities (e.g., Grading, Over-Excavation):  
ACC drilling.

Types and Numbers of Equipment Operating:  
Drill rig, Concrete pump truck, Concrete mixer, Boom (drill rig), skip loader, backhoe.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		- Asphalt is still drying.
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes <del>precipitation</del>	Visual - Rub	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual & Treated	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & Dust Suppressant (Ag. CL)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Re. Inventory Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCOMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCOMM that the use of such devices is not practical for specific engine types.	Yes	Equipment list	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance Letter	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		

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

Signature 

Date 4/7/2011

Circle Title (AQCOMM) (AQCOMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/8/2011

Form Completed by (AQCOMM or Delegate): Cathy Martin

Site Conditions (calm, windy) During the Day: Calm winds, 55°F  
 AM: Partly Cloudy, Precipitation, Calm winds, 42°F PM: Partly Cloudy, Precipitation

Current Construction Activities (e.g., Grading, Over-Excavation):  
 Drilling ACC Piers

Types and Numbers of Equipment Operating:  
 Drilling Rig, Concrete Mixer, Concrete Pump Truck, Boom (Crane) Skip loader, Backhoe.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual Asphalt Rd & Treated Concrete Rd.	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		- Asphalt 13 drying
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes - precipitation	Visual	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual & Treated	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & Dust Suppressant (MgCl)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment List	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance Letter	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None onsite

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

Signature \_\_\_\_\_



Date \_\_\_\_\_

4/8/2011

Circle Title (AQCMM) (AQCMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/11/2011

Form Completed by (AQCMM or Delegate): CARY MARTIN

Site Conditions (calm, windy) During the Day:

AM: Sunny, calm winds, 54°F PM: Sunny, calm wind, 66°F

Current Construction Activities (e.g., Grading, Over-Excavation):

Drilling ACC Piers

Types and Numbers of Equipment Operating:

Drill Rig, concrete pump truck, concrete mixers, Boom (back HA), back hoe, skip loader, street sweeper

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	Yes	Visual	
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes	Visual	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Force of Dust Suppressant (BjCC)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Dekey BPH	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment List	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance Letter	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None onsite

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

Signature 

Date 4/11/2011

Circle Title (AQCMM) (AQCMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/12/2011

Form Completed by (AQCOMM or Delegate): CATHY MARTIN

Site Conditions (calm, windy) During the Day:

AM: Sunny, Calm winds, 50°F PM: Sunny, wind ≈ 12 mph, 68°F

Current Construction Activities (e.g., Grading, Over-Excavation):

Working on storm drains,

Types and Numbers of Equipment Operating:

Backhoe, Boom (fuel tank)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	Yes	Visual	
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes	Visual	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & Dust Suppressant Mycl	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCOMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCOMM that the use of such devices is not practical for specific engine types.	Yes	Equipment Letter	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance Letter	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None Onsite

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

Signature  Date 4/12/2011

Circle Title (AQCOMM) ~~(AQCOMM Delegate)~~

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/13/2011

Form Completed by (AQCMM or Delegate): Cathy Martin

Site Conditions (calm, windy) During the Day: A.M. Precipitation, calm wind, 45°F PM: Precipitation, wind = 10 mph, 60°F

Current Construction Activities (e.g., Grading, Over-Excavation): Construction work on steam ducts. *Mixer work performed*

Types and Numbers of Equipment Operating: Boom (Fork Lift), back hoe, skid loader

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	Precipitation	✓	
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Precipitation	—	
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual and Records of Mgmt.	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA	—	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & Mgmt.	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery B-1	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCOMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCOMM that the use of such devices is not practical for specific engine types.	Yes	Equipment Letter	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance Letter	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		NONE ONSITE

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

Signature



Date

4/13/2011

Circle Title (AQCOMM) (AQCOMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/14/2011

Form Completed by (AQCMM or Delegate): Cary Martin

Site Conditions (calm, windy) During the Day:

AM: 46°F, Sunny, wind = calm - 9 mph PA: 64°F, Sunny, calm winds

Current Construction Activities (e.g., Grading, Over-Excavation):

Working on storm drains, compacting subgrade - 2 men working

Types and Numbers of Equipment Operating:

Boom (backfill), skip loader, backhoe.

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		- No equipment leaving the site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual Asphalt Rd & Gravelled Street Rd.	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		- Roads were not swept on busy work.
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	NA		- No construction equipment was entering the site. - Minor construction work continued on site.
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual & Treated	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA	—	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence of (MgCl) dust suppressant	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment Letter	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance Letter	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		NONE ON SITE

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

Signature 

Date 4/14/2011

Circle Title (AQCMM) (AQCMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/15/2011

Form Completed by (AQCMM or Delegate): Corey Mankin

Site Conditions (calm, windy) During the Day:

AM: Sunny, Calm winds, 59°F PM: 72°F, Calm winds, Sunny

Current Construction Activities (e.g., Grading, Over-Excavation):

Constructing ~~plant~~ <sup>MARP</sup> Stack (small), NO Excavation → on site. Minor Work Performed

Types and Numbers of Equipment Operating:

Boom (Boiler lift)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		→ Only a Boom w/ty waste
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	Gravel + Asphalt Rd + Treated dirt roads
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	-
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		- Roads not used on busy work.
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	NA		- No construction equipment was entering/exiting the site. - Minor work was being performed on site (2 men)
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual & Treated	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA	—	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & (MgCl) Dust Suppressant	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQMMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQMMM that the use of such devices is not practical for specific engine types.	Yes	Equipment Log	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance Log	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		-None on-site

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

Signature 

Date 4/13/2011

Circle Title (AQMMM) (AQMMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/19/2011

Form Completed by (AQCM or Delegate): Corey Martin

Site Conditions (calm, windy) During the Day: wind ~10 mph

AM: Partly Cloudy/Overcast 60°F, calm winds PM: Partly Cloudy/Overcast, 67°F

Current Construction Activities (e.g., Grading, Over-Excavation):

Constructing Main Street (Minor Work - 2 Men working), NO Excavation

Types and Numbers of Equipment Operating:

boom (back left)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		no construction equipment leaving site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual Treated Asphalt Rd & Gravel Rd.	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	<i>precipitation</i>		
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	<i>precipitation</i>		
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	<i>Yes</i>	<i>US wet &amp; treated</i>	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	<i>NA</i>	<i>—</i>	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	<i>Yes</i>	<i>Fence &amp; (Mycl) dust suppressant</i>	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	<i>Yes</i>	<i>DeWary B-11</i>	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	<i>Yes</i>	<i>Visual</i>	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment CST	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance List	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		- None outside

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

Signature



Date

4/18/2011

Circle Title (AQCMM) (AQCMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/19/2011

Form Completed by (AQCM or Delegate): Craig Minter

Site Conditions (calm, windy) During the Day:  
AM: Cloudy, Rain, 57°F, calm wind. PM: High Cloud / Overcast, 65°F, wind ESE 6-10 mph.

Current Construction Activities (e.g., Grading, Over-Excavation):  
Constructing Mill street and prep site for MCC cage (-2 new tanks, no excavation) M. Non Work

Types and Numbers of Equipment Operating:

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		no construction equipment leaving the site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual applied to Mill Street	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	-precipitation		
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	precipitation		
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual of Treated	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA	—	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & dust suppressant (MgCl <sub>2</sub> )	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQMM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Y/S	Equipped List	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance List	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Used	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		- none on site

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

Signature 

Date 4/19/2011

Circle Title (AQCMM) (~~AQCMM Delegate~~)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/20/2011

Form Completed by (AQCMM or Delegate): Cathy Martin

Site Conditions (calm, windy) During the Day:  
AM: Partly Cloudy / Cloudy, 58°F, calm winds PM: Partly cloudy, 70°F, calm winds

Current Construction Activities (e.g., Grading, Over-Excavation): Minor Work performed  
Prepping site for ACC caps; NO Excavation Work (2 more weeks)

Types and Numbers of Equipment Operating:  
Boom (Fork lift)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		~ NO construction equipment leaving/entering the site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		~ Only Boom handling
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual Asphalt Pds & Gravel Pds	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		- Roads being swept - Minus waste performed onsite.
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	NA		- No construction equipment was leaving the site - Minus work performed onsite.
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA	—	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & Dust suppressant (mjcl)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery B-11	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment List	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance List	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		- None onsite

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

Signature  Date 4/20/2011

Circle Title (AQCMM) (AQCMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/21/2011

Form Completed by (AQCM or Delegate): Cathy Martin

Site Conditions (calm, windy) During the Day: AM: Partly Cloudy, Overcast, 58°F, wind = 9 mph, wind = 11 mph, PM: Precipitation/Cloud, 67°F

Current Construction Activities (e.g., Grading, Over-Excavation): NO Excavation  
Constructing Formwork for ACC cys. Minor Work performed - 2 new work.

Types and Numbers of Equipment Operating:  
Boom (backfill)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		- no construction equipment leaving the site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual Asphalt Rds & Gravel Mats	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA <del>precipitation</del>		- Roads are not used on busy road.
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	NA <del>precipitation</del>		- No construction equipment leaving the site - All work performed on site.
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA	-	
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & dust suppressant (M/C)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	DeWay Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment List	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance List	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None on site

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

Signature \_\_\_\_\_



Date \_\_\_\_\_

4/21/2011

Circle Title (AQCMM) (AQCMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 9/22/2011 Holiday (NO WORK)  
 Form Completed by (AQCMM or Delegate): Cathy Martin  
 Site Conditions (calm, windy) During the Day:

Current Construction Activities (e.g., Grading, Over-Excavation):

Types and Numbers of Equipment Operating:

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	<u>NO</u>	<u>WORK</u>	
No vehicle shall exceed 15 miles per hour within the construction site.			
The construction site entrances shall be posted with visible speed limit signs.			
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways			
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station			
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.			
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.			
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.			

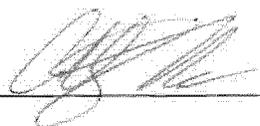
**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NO	WORK	
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.			
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.			
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.			
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.			
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.			
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.			

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCM that the use of such devices is not practical for specific engine types.	NO	WORK	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications			
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.			
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?			

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

Signature 

Date 9/22/2011

Circle Title (AQCM) (AQCM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/25/2011

Form Completed by (AQCOMM or Delegate): Corey Martin

Site Conditions (calm, windy) During the Day:  
AM: Precipitation / Partly Cloudy, 53°F, Calm wind PM: Sunny / Partly Cloudy, 67°F winds begin

Current Construction Activities (e.g., Grading, Over-Excavation): No Excavation work  
Constructing Areas for ACC caps, Surveying ACC area - Minor Work performed

Types and Numbers of Equipment Operating:

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		- No construction equipment leaving or entering the site.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual Asphalt Rd + Gravel Rd	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

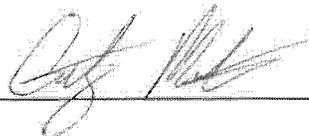
**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	Precipitation		
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Precipitation		
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual & Treated	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & Dust Suppressant (Mylor)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment List	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance List	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Diesel	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None on site

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

Signature 

Date 05/25/2011

Circle Title (AQCMM) (AQCMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/26/2011

Form Completed by (AQCMM or Delegate): CATHY MARTIN

Site Conditions (calm, windy) During the Day:

AM: Sunny, calm winds, 48°F PM: Sunny, Windy, 67°F

Current Construction Activities (e.g., Grading, Over-Excavation): 10 excavator  
Borepiling site for ACC caps, Sizing Area (ACC), Minor work performed.

Types and Numbers of Equipment Operating:

Borepiling (1/44) C

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		NO construction equipment entering or leaving the site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual Asphalt road + gravelled ends (treated)	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		Minor construction - Roads were wetted or barely used.
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	NA		- Minor construction - NO construction equipment left the site.
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & Dust Suppressant (Mycl)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Deling Bill	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQMMM showing that the engine meets the conditions set forth herein.	Yes	Visual	



**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/27/2011

Form Completed by (AQCMM or Delegate): CATY MARTIN

Site Conditions (calm, windy) During the Day:

AM: 49°F, wind = 8 mph, Sunny PM: 70°F, wind = 7-9 mph, Sunny

Current Construction Activities (e.g., Grading, Over-Excavation):

Forms for ACC Clogs. Minon Work performed

Types and Numbers of Equipment Operating:

Broom (back H/A), back hoe, & digger

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		No construction equipment left to site
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual Asphalt Rd & Gravelled Rd (Treated)	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	NA		- Minor Construction work performed; roads were not used or purely used
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	NA		- Minor Construction work performed. - No construction equipment left the site
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & Dust Suppressant (AgCP)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Delivery B.II	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQMM showing that the engine meets the conditions set forth herein.	Yes	Visual	



**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/28/2011

Form Completed by (AQCM or Delegate): Cathy Mastor

Site Conditions (calm, windy) During the Day:  
AM Sunny, CALM wind, 56°F PM: Sunny, <sup>wind</sup> Gust ~ 25 mph, 71°F

Current Construction Activities (e.g., Grading, Over-Excavation):  
Excavating ACC pile caps (near forms)

Types and Numbers of Equipment Operating:  
boom, 2 backhoes, 2 dump trucks, LATEX TRUCK

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	Yes	Visual	
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	Yes	Visual	- Used Water Truck
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes	Visual	- used Water Truck
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual & Treated	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fence & dust suppressant	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	De/Max B-11	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCOMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCOMM that the use of such devices is not practical for specific engine types.	Yes	- Equipment List w/ Engine Model, Tier, Year, & Hp.	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	M. Maurice letter	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None Above 50 bhp.

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

Signature 

Date 4/28/2011

Circle Title (AQCOMM) (AQCOMM Delegate)

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE  
POWER PLANT PROJECT**

Date: 4/29/2011

Form Completed by (AQCMM or Delegate): Cathy Martin

Site Conditions (calm, windy) During the Day:  
AM: 52°F, Wind = 6 to 16 mph, Sunny PM: 67°F, Wind = 4 to 17 mph, Sunny

Current Construction Activities (e.g., Grading, Over-Excavation):  
Excavating ACC caps for Next forms

Types and Numbers of Equipment Operating:  
(2) backhoes, (2) dump trucks, (1) Broom (Fresh 1st)

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives described above	Yes	Visual	
No vehicle shall exceed 15 miles per hour within the construction site.	Yes	Visual	
The construction site entrances shall be posted with visible speed limit signs.	Yes	Visual	
All construction vehicle tires shall be inspected and washed as necessary to be free of dirt prior to entering paved roadways	NA		- No construction equipment leaving the site.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station	NA		
All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways.	Yes	Visual & Asphalt Rd & Treated Gravel Rd.	
All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM.	Yes	Visual	
Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the SWPPP to prevent run-off to roadways.	Yes	Visual	

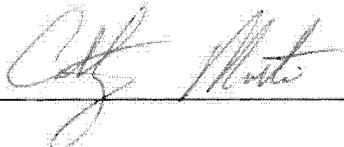
**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All paved roads within the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris.	Yes	Visual	-Wetong truck
At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways.	Yes	Visual	-Wetong truck
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds.	Yes	Visual & Treated	
All vehicles that are used to transport solid bulk material on public roadways and that have potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard.	NA		
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation.	Yes	Fences & dust suppressant (Mg Cl)	
All diesel-fueled engines used in the construction of the facility must be fueled only with ultra-low sulfur diesel, which contains no more than 15 parts per million (ppm) sulfur.	Yes	Behavior Billed	
All diesel-fueled engines used in construction activities at the facility shall have clearly visible tags issued by the on-site AQCM showing that the engine meets the conditions set forth herein.	Yes	Visual	

**DAILY CHECKLIST FOR MONITORING CONSTRUCTION AIR QUALITY  
MITIGATION ACTIVITIES FOR THE GWF TRACY COMBINED CYCLE POWER  
PLANT PROJECT**

Required Mitigation	Activities in Compliance?	Method of Checking Compliance	Explanation and Actions Taken if Non-Compliant
All construction diesel engines, which have a rating of 100 hp or more, shall meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines, unless certified by the on-site AQCMM that such engine is not available for a particular item of equipment. In the event that a Tier 2 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a Tier 1 engine. In the event a Tier 1 engine is not available for any off-road engine larger than 100 hp, that engine shall be equipped with a diesel particulate filter (DPF) unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.	Yes	Equipment Letter	
All heavy earthmoving equipment and heavy duty construction related trucks with engines meeting the above requirements shall be properly maintained and the engines tuned to the engine manufacturer's specifications	Yes	Maintenance Letter	
All diesel heavy construction equipment shall not remain running at idle for more than five minutes, to the extent practical.	Yes	Visual	
Portable Engine Registration Program: do all portable engines and engine driven equipment greater than 50 bhp (i.e. generators, wood chippers, compressors and pumps) have the CARB registration (Green placard and sticker or registration form)?	NA		None on site

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

Signature  Date 4/29/2011

Circle Title (AQCMM) (AQCMM Delegate)

# Regulation VIII Record Keeping Form

Month: Apr. 11 2011

## FORM A – Area Water Application

Project Location: 14950 W. Schulte Road City: TRacy CA Size: 29 (Miles/Acre)  
 Owner: OWF Address: 4300 Railroad Ave City: Pittsburg, CA Zip: 94565  
 Contact Person: Chris Martin Title: Compliance Engineer Phone: 925-766-5181

### Watering Schedule

Use this form to document daily water applications at a single site by recording total gallons per day and number of applications per day at a single area. Use additional forms, as necessary, for areas with different treatment schedules.

Area treated: ACC Foundation Area

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1						1	2
2	3	4	5	6	7	8	9
3	10	11	12	13	14	15	16
4	17	18	19	20	21	22	23
5	24	25	26	27	28	29	30

2 Applications @ 2,500 gallons  
 1 Application @ 1,000 gallons  
 TOTAL

Area treated: Roads

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1						1	2
2	3	4	5	6	7	8	9
3	10	11	12	13	14	15	16
4	17	18	19	20	21	22	23
5	24	25	26	27	28	29	30

2 Applications @ 1,500 gallons  
 2 Applications @ 1,500 gallons  
 TOTAL

**Retain for one year after project ends. Title V sources are required to retain for five years after project ends.**

# Regulation VIII Record Keeping Form

Month: April 2011

## FORM B – For Cleanup of Trackout and Carryout

Project Location: 14950 W Schulte Rd City: Tracy, CA Size: 29 (Miles/ ~~29~~)  
 Owner: GWf Address: 4300 Railroad Ave City: Pittsburg, CA Zip: 94565  
 Contact Person: Cathy Martin Title: Compliance Engineer Phone: 925-766-5111

### Sweeping / Cleanup Schedule

Use this form to document the cleanup schedule by entering the time of day cleanup is done.  
**Mornings =am; Afternoon = pm.** Write "end of day" if cleanup is done at the end of the workday. In urban areas, preventing or cleaning-up trackout at construction sites is required immediately if it extends 50 feet or more. Record keeping is required for construction sites subject to Rule 8021, sites that store bulk materials subject to Rule 8031 and vehicle/equipment storage areas subject to Rule 8071.

Week		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	am						1:00	NO
	pm						15:00	Work
2	am	Sunday 03 NO Work	Monday 04 10:30	Tuesday 05 9:45	Wednesday 06 10:00	Thursday 07 Precipitation	Friday 08 Precipitation	Saturday 09 NO
	pm	NO Work	14:30	15:30	15:00	Precipitation	Precipitation	Work
3	am	Sunday 10 NO	Monday 11 10:00	Tuesday 12 9:30	Wednesday 13 Precipitation	Thursday 14 M.NON	Friday 15 M.NON	Saturday 16 NO
	pm	Work	13:00	M.NON Work	Precipitation	Work	Work	Work
4	am	Sunday 17 NO	Monday 18 Precipitation	Tuesday 19 Precipitation	Wednesday 20 M.NON	Thursday 21 Precipitation	Friday 22 NO Work	Saturday 23 NO
	pm	Work	Precipitation	Precipitation	Work	No work	NO work	Work
5	am	Sunday 24 NO	Monday 25 Precipitation	Tuesday 26 M.NON	Wednesday 27 M.NON	Thursday 28 10:00	Friday 29 10:00	Saturday 30 NO
	pm	Work	M.NON work	Work	Work	3:45	2:00	Work

**Retain for one year after project ends. Title V sources are required to retain for five years after project ends.**

**Regulation VIII Record Keeping Form**

Month: April 2011

**FORM C: For Permanent / Long Term Dust Controls**

Project Location: 14950 W. Schutte Rd. City: Tracy CA Size: 29 (Miles/Acre)  
 Owner: GW Address: 4300 Railroad Ave City: Pittsburg, CA Zip: 94565  
 Contact Person: Cathy Martin Title: Compliance Engineer Phone: 925-766-5181

**Permanent Activities**

Describe the types of permanent dust controls implemented, the date, the activity, such as applying an organic dust suppressant, gravel, paving or a trackout control device. Add comments such as the amount used, where used, brand name.

Date	Dust Control Activity Performed (Gravel, paving)	Comments: Type of material, application rate.
4/01/11	Gravel	Permanent Site Roads
4/4/11	Gravel	Permanent Site Roads
4/5/11	Paving	Permanent Site Roads (1.5" lift)
4/6/11	Magnesium Chloride	Dust Control in laydown area, parking lots, non-paved <sup>(CA)</sup> site roads ↳ stock piles, 1 application, 1/2 gal per sq. yd.

Comments:

MgCl<sup>2</sup> was approved by the CEC and SBAURCD. (Revised Permit Forms), Application RATE = 1/2 gallon per square yard.

**Retain for one year after project ends. Title V sources are required to retain for five years after project ends. Attach product information, maps and other specifications as appropriate unless already addressed in an approved or verified Fugitive PM10 Management Plan.**

**Regulation VIII Record Keeping Form**

Month: April 2011

**FORM D: Water Application onto Unpaved Roads & Equipment Areas**

Project Location: 14950 W. Schulte Road Size: (CA) 29 Miles or Acres (circle one)  
 Owner: GWF Address: 4300 Reikand Ave City: Pittsburg, CA Zip: 94565  
 Contact Person: Cathy Martin Title: Compliance Engineer Phone: 925-766-5181

Use this form to document daily water applications at the same or different areas. Use additional forms, as necessary.

Date	Time	Area Treated	Distance, Area, or Gallons Applied
<u>4/1/11</u>	<u>Continuous walk day</u>	<u>Site Roads</u>	<u>20,000 gallons</u>
<u>4/4/11</u>	<u>Continuous walk day</u>	<u>Site Roads</u>	<u>20,000 gallons</u>
<del><u>4/27/11</u></del>	<del><u>15:50</u></del>	<del><u>CM</u></del>	

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Retain for one year after project ends. Title V sources are required to retain for five years after project ends. Attach product information, maps and other specifications as appropriate unless already addressed in an approved or verified Fugitive PM10 Management Plan.**

**TCC Project**

(08-AFC-7C)

**MONTHLY COMPLIANCE REPORT**

**April 2011**

**Exhibit 9: Worker Environmental Awareness Program  
Training Sign-In Sheets**

TABLE 1.

CERTIFICATION OF COMPLETION TRAINING FORM FOR HEALTH AND SAFETY, WEAP, AED, AND SWPPP TRAINING  
 GWF Tracy Combined Cycle Power Plant Project

NO.	Employee Name	Company	Signature	Date	Health and Safety Training	Worker Environmental Awareness Program			SWPPP Training	AED Training (1)
						Biological Resources Education	Cultural Resources Education	Paleontological Resource Education		
1	Joshua P. Bryant	GWF	<i>[Signature]</i>	4-1-11	JPB	JPB	JPB	JPB		
2	PAT TRIMBLE	GWF	<i>[Signature]</i>	4-1-11	PT	PT	PT	PT		
3	Kenneth D. Jones	SIERRA	<i>[Signature]</i>	4-1-11	KDJ	KDJ	KDJ	KDJ	✓	
4	Don Claunch	SIERRA	<i>[Signature]</i>	4/5/11	DC	DC	DC	DC	✓	
5	GEORGE MAUHE	SIERRA	<i>[Signature]</i>	4/5/11	GM	GM	GM	GM	✓	
6	Danny Basilio	SIERRA	<i>[Signature]</i>	4-5-11	D.B	D.B	D.B	D.B	✓	
7	TONY MARTINEZ	SIERRA	<i>[Signature]</i>	4-5-11	T.M	T.M	T.M	T.M	✓	
8	ABEL MEDRANO	SIERRA	<i>[Signature]</i>	4-5-11	AM	AM	AM	AM	✓	
9	ADRIAN TRESPANDO	GUIDA SURVEY	<i>[Signature]</i>	4/5/11	A	A	A	A	✓	
10	DANN LAW	GUIDA SURVEY	<i>[Signature]</i>	4/5/11	D	D	D	D	✓	
11	RILEY JONES	GWF	<i>[Signature]</i>	4/6/11	RJ	RJ	RJ	RJ	✓	
12	TIM NAJOUR	GWF	<i>[Signature]</i>	4/6/11	T	T	T	T	✓	
13	Jared Soto	Contra Costa Electric	<i>[Signature]</i>	4/7/2011	JS	JS	JS	JS	✓	
14	Eufemio yochan	WEST COAST DRING	<i>[Signature]</i>	4/7/2011	EYO	EYO	EYO	EYO	✓	
15	LARRY STOUT	ASC	<i>[Signature]</i>	4-7-11	LS	LS	LS	LS	✓	

Trainer: *Chester Lockard*

Signature: *Chester Lockard*

Date: 4-7-11

Notes:

(1) AED training is provided to the Construction Project Manager or delegate, the Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use.

Abbreviations: SWPPP - Storm Water Pollution Prevention Plan

**TABLE 1.**  
**CERTIFICATION OF COMPLETION TRAINING FORM FOR HEALTH AND SAFETY, WEAP, AED, AND SWPPP TRAINING**  
**GWF Tracy Combined Cycle Power Plant Project**

NO.	Employee Name	Company	Signature	Date	Health and Safety Training	Worker Environmental Awareness Program			SWPPP Training	AED Training (1)
						Biological Resources Education	Cultural Resources Education	Paleontological Resource Education		
1	GARTH KUHAGEN	CHEVRON	<i>Garth Kuhagen</i>	4-8-11	GK	GK	GK	GK		
2	DON ONSTOTT	CCR	<i>Don Onstott</i>	4-8-11	DGO	DGO	DGO	DGO		
3	MIKE KASTEN	CCE	<i>Mike Kasten</i>	4-8-11	MK	MK	MK	MK		
4	Wayne Tombs	GWF	<i>Wayne Tombs</i>	4/13/11	WT	WT	WT	WT		
5	VELDA JOHNSON	GWF	<i>Velda Johnson</i>	4/13/11	VJ	VJ	VJ	VJ		
6	Lee Rager	wood group	<i>Lee Rager</i>	4/13/11	LR	LR	LR	LR		
7	DUANE NELSEN	GWF	<i>Duane Nelsen</i>	4/20/11	DN	DN	DN	DN		
8	DANIEL ARELAR	GWF	<i>Daniel Arelar</i>	4/20/11	DA	DA	DA	DA		
9	Steven Hogan	BWR	<i>Steven Hogan</i>	4/20/11	SH	SH	SH	SH		
10	Gary Bishop	GWF	<i>Gary Bishop</i>	4/20/11	GB	GB	GB	GB		
11	Peter Harbman	wood group	<i>Peter Harbman</i>	4-25-11	PH	PH	PH	PH		
12										
13										
14										
15										

Trainer: *Chester Lockard*

Signature: *Chester Lockard*

Date: 4-25-11

Notes:  
 (1) AED training is provided to the Construction Project Manager or delegate, the Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use.

Abbreviations: SWPPP - Storm Water Pollution Prevention Plan

**TABLE 1.**  
**CERTIFICATION OF COMPLETION TRAINING FORM FOR HEALTH AND SAFETY, WEAP, AED, AND SWPPP TRAINING**  
**GWF Tracy Combined Cycle Power Plant Project**

NO.	Employee Name	Company	Signature	Date	Health and Safety Training	Worker Environmental Awareness Program			SWPPP Training	AED Training (1)
						Biological Resources Education	Cultural Resources Education	Paleontological Resource Education		
1	GREG ANDELIN	OVERAA	<i>[Signature]</i>	4-27-11	HA	Yes	Yes	Yes		
2	LARRY J. CATHEY	OVERAA	<i>[Signature]</i>	4-27-11	(R)	(R)	(R)	(R)		
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

Trainer: *Chester Lockard*

Signature: *[Signature]*

Date: 4-27-11

**Notes:**  
 (1) AED training is provided to the Construction Project Manager or delegate, the Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use.

**Abbreviations:** SWPPP - Storm Water Pollution Prevention Plan

**TCC Project**

(08-AFC-7C)

**MONTHLY COMPLIANCE REPORT**

**April 2011**

**Exhibit 10: Biological Resource Specialists' Monthly Report**

# GWF Tracy Combined Cycle Power Plant Project

## **Monitoring summary for April, 2011**

Biological monitoring was conducted in compliance with processes delineated in Bios 9 and 10 of the *Biological Resources Mitigation Implementation and Monitoring Plan* (GFW 2010).

Areas/activities monitored: Construction of trenches for drainage continued; road grading and construction of roads and construction of piers.

Incident reports: Holes under the fence apparently created by lagomorphs were filled as they were located.

Listed/special status species: One loggerhead shrike noted in vicinity, unaffected by project activities. No evidence of San Joaquin kit fox or burrowing owl occupancy or activity were noted during this period.

Preactivity surveys: None conducted; biological monitor on site during construction activity, inspect activity areas daily.

Bi-weekly review: A bi-weekly review of activities on the site was conducted by W. Dean Carrier on April 5. Monitoring and protective measures being adhered to. No evidence of on-site activity of special-status species was noted. Report provided to CEC.

The following report was reviewed and approved by W. Dean Carrier, Project Qualified Biologist

## **GWF Tracy Combined Cycle Power Plant Project**

### **Biological Monitoring April 2011 Report**

Monitor: Cathy Martin

**Construction activities:** Drilling Air Cool Condenser (ACC) piles, prepping the site for the ACC caps, creating neat forms for the ACC caps, stockpiling, grading and asphaltting the permanent roads and backfilling storm drains.

#### **Incidents/ relocated animals:**

-4/06/11: Filled in a rabbit hole at the fence line.

-4/06/11: The drill rigs hydraulic hose line had a pin hole and approximately 1 ounce of hydraulic fluid leaked onto the ground. Work stopped immediately and the minor spill was 100% cleaned up. The waste was shoveled into a container and transferred to a 55-gallon steel drum in double containment. The hydraulic hose line was replaced with a new one.

-4/14/11: Filled in a rabbit hole at the fence line.

-4/12/11 to 4/26/11: Minor construction work was performed, which included two to three men prepping the site for the ACC caps.

**Special-status species observed:**

A Loggerhead Shrike was observed near the site. It was not in danger and is seen regularly near the site. No action was taken.

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Mark*

Date: *4/1/2011*

Location of Observation: *Temp. Pond.*

Wildlife Species: *2 Mallard Ducks*

Condition of wildlife:

alive  dead

Possible cause of injury or death:

*NA*

Where is the animal currently?

*at site.*

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: Dean Carrier Phone: (530) 876-9393

BIOLOGICAL FIELD MONITOR: *Samantha Kehr* Cell: ~~(408) 726-3697~~

*Cathy Mark* *925-726-5671*

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee:

Cathy Martin

Date:

4/5/2011

Location of Observation:

Temp Pond

Wildlife Species:

Killdeer

Condition of wildlife:

alive

dead

Possible cause of injury or death:

NA

Where is the animal currently?

Flew away

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:

Dean Carrier

Phone: (530) 876-9393

BIOLOGICAL FIELD MONITOR:

Samantha Kerr

Cell: (408) 726-3697

Cathy Martin

925-766-5151

USFWS CONTACT: Endangered Species Division

(916) 414-6600

CDFG CONTACT: State Dispatch

(916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Dean Carrier*

Date: *4/5/2011*

Location of Observation: *Trees by PG&E pad, off construction site.*

Wildlife Species: *Loggerhead Shrike*  
Condition of wildlife:  
alive  dead

Possible cause of injury or death:  
*NA*

Where is the animal currently?  
*off-site.*

Is the resource in danger of project (or other) impacts?  
*NO*

Comments: *Sensitive species*

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: *Dean Carrier* Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: ~~*Samantha Kehr*~~ Cell: (408) 726-3697  
*Chy MARTIN* *85-766-5181*

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Martin*

Date: *4/5/2011*

Location of Observation: *Canal*

Wildlife Species: *Red-tail Hawk*

Condition of wildlife:  
alive  dead

Possible cause of injury or death:  
*NA*

Where is the animal currently?  
*Near Canal*

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: Dean Carrier Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: ~~Samantha Kehr~~ Cell: (408) 726-3697  
*Cathy Martin* *925 766-5181*

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Martin*

Date: *4/5/2011*

Location of Observation: *Flying over Project Site.*

Wildlife Species: *Crow*

Condition of wildlife:

alive  dead

Possible cause of injury or death:  
*NA*

Where is the animal currently?  
*off-site*

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: Dean Carrier Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: Samantha Kehr Cell: (408) 726-3697

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Martin*

Date: *4/7/2011*

Location of Observation: *Near Construction Parking Area*

Wildlife Species: *Jack Rabbit*

Condition of wildlife:

alive  dead

Possible cause of injury or death:

*NR*

Where is the animal currently?

*off site, under fence.*

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

*NR*

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: Dean Carrier Phone: (530) 876-9393

BIOLOGICAL FIELD MONITOR: *Samantha Kehr* Cell: ~~(408) 726-3697~~

*C.H. Martin* 925-766-5151

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM		
<p><b>To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project</b></p> <p>To be filled out by personnel who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.</p>		
Name of Employee: <i>Cathy Martin</i>		
Date: <i>4/8/2011</i>		
Location of Observation: <i>Temp. Pond</i>		
Wildlife Species: <i>2 Mallard Ducks</i>		
Condition of wildlife:		
alive	<input checked="" type="checkbox"/>	dead <input type="checkbox"/>
Possible cause of injury or death:		
<i>NA</i>		
Where is the animal currently?		
<i>off-site, both flew away</i>		
Is the resource in danger of project (or other) impacts?		
<i>NA</i>		
Comments:		
_____		
<p>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.</p>		
DESIGNATED BIOLOGIST:	Dean Carrier	Phone: (530) 876-9393
BIOLOGICAL FIELD MONITOR:	<i>Samantha Kehr</i> <i>Cathy Martin</i>	Cell: (408) 726-3697 <i>525-766-5181</i>
USFWS CONTACT:	Endangered Species Division	(916) 414-6600
CDFG CONTACT:	State Dispatch	(916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *CHRY MONTM*

Date: *9/11/2011*

Location of Observation: *Flew over construction site.*

Wildlife Species: *Black Bnd.*

Condition of wildlife:

alive  dead

Possible cause of injury or death: *NA*

Where is the animal currently? *off site.*

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

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: Dean Carrier Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: Samantha Kehr Cell: (408) 726-3697

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Martin*

Date: *4/11/2011*

Location of Observation: *off site near canal.*

Wildlife Species: *Red tail Hawk.*

Condition of wildlife:  
alive  dead

Possible cause of injury or death:

Where is the animal currently?  
*off-site.*

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

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: Dean Carrier Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: Samantha Kehr Cell: (408) 726-3697

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Martin*

Date: *3<sup>rd</sup> 4/11/2011*

Location of Observation: *Temp. Pond*

Wildlife Species: *kill deer*

Condition of wildlife:

alive  dead

Possible cause of injury or death:

*NA*

Where is the animal currently?

*OPR site*

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: Dean Carrier Phone: (530) 876-9393

BIOLOGICAL FIELD MONITOR: ~~Samantha Kent~~ Cell: ~~(408) 726-3697~~

*Cathy Martin* 925-766-5181

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Coty Meador*

Date: *4/14/2011*

Location of Observation: *Temp Pond*

Wildlife Species: *Killdeer*  
Condition of wildlife:  
alive  dead

Possible cause of injury or death: *NA*

Where is the animal currently?  
*Flow away*

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: Dean Carrier Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: Samantha Kehr Cell: (408) 726-3697

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee:	<i>Cathy Mautner</i>		
Date:	<i>4/14/2011</i>		
Location of Observation:	<i>Near Temp Pond</i>		
Wildlife Species:	<i>Jack Rabbit</i>		
Condition of wildlife:			
alive	<input checked="" type="checkbox"/>	dead	<input type="checkbox"/>
Possible cause of injury or death:	<i>NA</i>		
Where is the animal currently?	<i>off-site</i>		
Is the resource in danger of project (or other) impacts?	<i>NO</i>		
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:	Dean Carrier	Phone:	(530) 876-9393
BIOLOGICAL FIELD MONITOR:	Samantha Kehr	Cell:	(408) 726-3697
USFWS CONTACT:	Endangered Species Division	(916) 414-6600	
CDFG CONTACT:	State Dispatch	(916) 445-0045	

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Mactor*

Date: *4/15/2011*

Location of Observation: *Temp. Pond*

Wildlife Species: *K. Y. deer*  
Condition of wildlife:  
alive  dead

Possible cause of injury or death:  
*NA*

Where is the animal currently?  
*off-site*

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: Dean Carrier Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: ~~Samantha Kehr~~ Cell: ~~(408) 726-3697~~  
*Cathy Mactor* *925-766-5181*

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Martin*

Date: *4/19/2011*

Location of Observation: *Near Canal ; off-site.*

Wildlife Species: *Red Tail Hawk*  
Condition of wildlife:

alive  dead

Possible cause of injury or death:  
*NA*

Where is the animal currently?  
*off-site*

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

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: Dean Carrier Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: ~~Samantha Kehr~~ Cell: ~~(408) 726-3697~~  
*Cathy Martin* *925-726-5181*

USFWS CONTACT: Endangered Species Division (916) 414-6600

CDFG CONTACT: State Dispatch (916) 445-0045

Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found at GWF Tracy Combined Cycle Power Plant Project

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

Name of Employee: *Cathy Martin*

Date: *4/24/2011*

Location of Observation: *Near Railroad tracks, flew over the site*

Wildlife Species: *Red tail Hawk*

Condition of wildlife:  
alive  dead

Possible cause of injury or death: *NO*

Where is the animal currently? *off site*

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: Dean Carrier Phone: (530) 876-9393  
BIOLOGICAL FIELD MONITOR: Samantha Kehr Cell: (408) 726-3697

USFWS CONTACT: Endangered (916) 414-6600  
Species Division

CDFG CONTACT: State Dispatch (916) 445-0045

**TCC Project**  
**(08-AFC-7C)**

**MONTHLY COMPLIANCE REPORT**  
**April 2011**

**Exhibit 11: Cultural Resource Specialists' Monthly Report**

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**GWF Power Project, Tracy, California  
Cultural Resources Monitoring Report for April 2011**

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Prepared by:

Barbra Siskin  
Cultural Resources Specialist  
Garcia and Associates  
1 Saunders Avenue  
San Anselmo, CA 94960  
415.302.4978



**Personnel Active In Cultural Resources Monitoring This Period**

None. No cultural resources monitoring required as approved by the CEC on February 10, 2011.

**Training Conducted This Month**

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

**Monitoring and Associated Activities This Period**

Based on a letter to the CPM on November 4, 2010 that requested a reduction in cultural resources monitoring to none for the proposed project, as a result, no cultural resources monitoring is occurring during the construction of this project.

The reason for the request for the reduction in monitoring to none, is as follows:

The request to not conduct daily reporting was approved pursuant to CUL-6 as of February 10, 2011.

**Cultural Discoveries This Month**

None

**Anticipated Changes in the Next Period**

None

**Comments, Issues or Concerns**

None

**TCC Project**

(08-AFC-7C)

**MONTHLY COMPLIANCE REPORT**

**April 2011**

**Exhibit 12: Paleontological Cultural Resource Specialists'  
Monthly Report**

**GWF Power Project, Tracy, CA; Paleontological Resources Monitoring  
Report for April 2011**

Prepared by:

Ferdinand Oberle  
Paleontological Resources Specialist  
Garcia and Associates  
1 Saunders Avenue  
San Anselmo, CA 94960



## **Personnel Active In Paleontological Monitoring This Period**

Ferdinand Oberle (PRM, PRS), Richard Serrano (PRM)

## **Training Conducted This Month**

All construction personnel received the CEC approved Paleontological Resources Awareness Module of Worker Environmental Awareness Training prior to working on this project. The PRM, PRS Ferdinand Oberle received on-site safety training as appropriate with the start-up of this project by safety personal.

## **Monitoring and Associated Activities This Period**

Paleontological resources monitoring of ground-disturbing activities continued throughout the month of April. Specifically, paleontological resources monitoring was done on the following dates:

- Fri. April 1, 2011
- Mon. April 4, 2011 through Fri. April 8, 2011
- Wed. April 27, 2011 through Fri. April 29, 2011

Excavations that were monitored consisted of multiple drills for ACC foundations and ACC caps excavations of the upper parts of the drillings using backhoe equipment. Drillings were carried out by a SoilMec drill rig with a 30" auger. Drilling occurs to a depth of approximately 60 feet. All excavations were carried out with the ACC area.

Discovered lithologies remained the same as during the previous month and consisted of fill for approximately 6-10 feet depending on location. Below ten feet the sediments consist of yellow-brown medium coarse sand with minor amounts of silt, pebbles and gravel. Large amounts of caliche can be found at this depth. Below 12 to 50 feet depth lighter beige colored clayey silt unit of 8 feet depth continues. Large lenses of cobbles and pebbles can be found intermixed within this unit. At a depth of 16-17 and at a depth of 45-46 feet a grey sandy cobble layer was identified that ran discontinues through most drilling locations. Below 50 feet moist but not wet sandy soil with a reddish hue continues to 60 feet.

## **Paleontological Discoveries This Month**

Several non-significant and non-identifiable vertebrate bone fragments (missing both distal ends) and one small piece of petrified wood were discovered during this month at a depths ranging between 40-52 feet. The paleontological material was limited, and consisted of:

- a) 7 bone fragment. Fully fossilized. Non-identifiable. 0.5-2 cm.
- b) 1 bone fragment. Hollow. 0.75 cm.
- c) 2 pieces of petrified wood. Non-identifiable. 3-4 cm.

Because the bone fragments were collected from augered material a representative bulk sample from their specific depth could not be collected at this time. All available sediments were screened for paleontological materials.

**Anticipated Changes in the Next Period**

The first phase of ACC pile drilling has been completed. In the next month duct bank excavations is anticipated to start and continue throughout the month of May 2011. Monitoring ACC duct bank excavations and other excavations that will impact native soils will continue throughout the month of May 2011.

**Comments, Issues or Concerns**

No issues or concerns were identified this month.

**TCC Project**  
**(08-AFC-7C)**

**MONTHLY COMPLIANCE REPORT**  
**April 2011**

**Exhibit 13: DESCP Monthly Report**

### **Site Drainage, Erosion and Sedimentation Control Plan (DESCP):**

During this reporting period the site Drainage, Erosion and Sedimentation Control Plan (DESCP) BMPs were properly implemented at the site. Additional BMPs added or repaired during this reporting period are listed below:

- On April 4th, waddles were installed around the concrete wash out area.
- On April 8th, the second concrete wash out was relocated to a new location within the swale area. The west swale by the temporary pond was reinforced with additional sediment for drainage into the pond.
- On April 15, silt fencing was installed around the new catch basins. The temporary retention pond area was re-graded for drainage into the temporary pond.

**Monitoring Summary:** BMPs were spot checked weekly during the reporting period. The overall effectiveness of the BMPs and response to maintenance needs continues to be very good at the project site. All of the BMPs proved effective at managing storm water runoff, erosion and sedimentation control.

### **Storm Water Pollution Prevention Plan (SWPPP):**

During this reporting period, there were no SWPPP rain events. Total precipitated at the project site in April was approximately 0.24 inches. The SWPPP inspections for the rainy season officially ended on April 15<sup>th</sup>. However, weekly inspections will be performed to verify that all SWPPP BMPs are in place and maintained.

The weekly SWPPP inspections were conducted on 4/1, 4/8, 4/14, 4/22 and 4/28. The following deficiencies were noted on the 4/1 SWPPP inspection: re-grade swale at temporary pond; clean area around concrete wash out; and place contaminated soil and concrete in wash out container. All discrepancies listed have been corrected and mitigated. There were no discrepancies noted during the rest of this reporting period.

The overall effectiveness of the SWPPP BMPs and response to maintenance needs continues to be very good. All the BMP's proved effective at managing runoff and will be monitored throughout the duration of the project.

In the beginning of April, the temporary retention basins contained approximately 4 inches of storm water runoff. After April 14<sup>th</sup>, the temporary retention basins contained zero runoff due to evaporation. The permanent retention basin contained zero storm water during this reporting period.

### **Environmental Spill Incident:**

While operating the drilling rig for concrete piers, a hydraulic hose developed a pin-hole leak spraying a mist of hydraulic fluid (approximately a 10" circle area). There was a slight soil discoloration, but no saturation. The soil was shoveled into a bucket and properly disposed of through GWF resources. The rig was shut down immediately and the hose was replaced with a new one. Approximately one ounce of hydraulic fluid was estimated as released. The equipment had a daily pre-operational check conducted and documented before use and there were no signs of leakage detected at that time. The incident was in the ACC area on April 6, 2011 at approximately 2:00 pm.

After the spill, Chester Lockard (Wood Group) and GWF were immediately notified by the contractor. Clean up consisted of shoveling approximately 2.5 gallons of waste (oily sediment) into a container, this was transferred to a 55-gallon steel drum. 100% of the minor spill was cleaned up. The spill area was inspected by the Wood Group and GWF Compliance Engineer, who observed no dark soil discolorations in the spill area.

Currently, the 55-gallon drum is 70% full and is stored in double containment with a hazardous waste label attached. The drum will accumulate any additional incidental hydraulic oil spills before it is transported off-site. The drum will be transported with a manifest and properly disposed of within 90 days from the date of the first minor spill on March 17, 2011.

**TCC Project**  
**(08-AFC-7C)**

**MONTHLY COMPLIANCE REPORT**  
**April 2011**

**Exhibit 14: CSS Safety Monitor's Report**

**GWF Tracy Combined Cycle Project,  
Tracy, CA  
April 2011 Safety Inspection Report**

Prepared by  
Chester Lockard  
WGPS Safety Manger  
and  
Tom Alvarado  
HSE Manager

***Wood Group Power Solutions, Inc.***  
*15333 JFK Blvd, Suite 300*  
*Houston, TX*



## SAFETY

Summary description and key points

### WGPS Summary of Injuries *Statistics*

	Reporting Month April	2011 YTD
<b>Total recordable injuries:</b>	<b>0</b>	<b>0</b>
First Aid	0	0
Recordable	0	0
Restricted Duty	0	0
Medical treatments	0	0
Other (see Summary)	0	0

### WGPS Summary of Subcontractor Injuries

#### *Statistics*

	Reporting Month April	2011 YTD
<b>Total recordable injuries:</b>	<b>0</b>	<b>0</b>
Restrictions	0	0
First aid	0	1
Lost work cases	0	0
Medical treatments	0	0
Near Miss	0	0

TRIR 0.0 11,110.0 subcontractor labor-hours worked year to date

- a) There were no safety incidents to report during the month of April. A minor hydraulic oil leak from the pile drilling rig was reported and cleaned up (it was a non reportable incident).
- b) Total on site hours worked in April 2011: 3,274.0
- c) Total subcontractor hours worked in April 2011: 1,950.0
- d) Total WGPS hours worked in April 2011: 1,324.0



- e) Total cumulative hours worked to date: 16,325.0
  - o Cumulative hours reflected started in December 2010, project mobilization

The GWF project site experienced zero safety incidents during the month of April.

The construction site had no continuing or unresolved situations and incidents that would pose danger to life or health or the environment.

A total of 16 (sixteen) subcontractors, 2 (two) WGPS, and 10 (ten) GWF personnel received site specific orientation. The total number of personnel that were WEAP trained in the month of April was 28 (twenty-eight).

The WGPS Site HSE Manager continues to conduct multiple daily walkthroughs, inspections and observations in conjunction with the GWF safety representative. There was one “Stand-Down Safety” meeting conducted during the month and focused on project site speed limit (10 mph), use of cell phones when operating equipment, use of seat belts when operating equipment, daily cleanup and no co-mingling of red and yellow barricade tape. Verification of subcontractor equipment checklists was conducted by Wood Group. The daily Job Safety Analysis (JSA’s) and documentation of subcontractor tailgate/tool box safety meetings.

OVERAA conducted a safety meeting on 4.11.2011 focusing on power tool safety.



# APPENDIX A SAFETY REPORT



# HEALTH & SAFETY PERFORMANCE

April 2011

## Monthly Statistics

Hours Worked: 1,950.00  
 First Aid Cases: 0  
 Recordable Cases: 0  
 Number of Audits Performed: 4

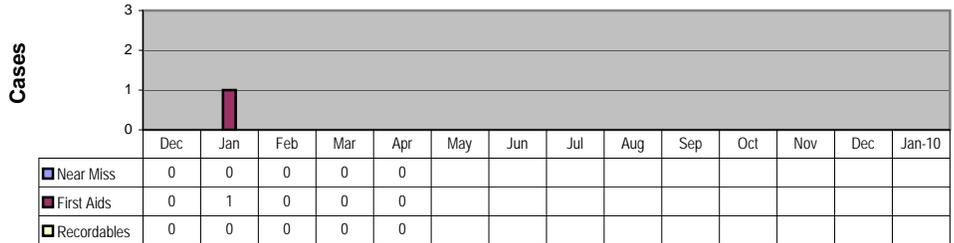
## Cumulative Stats

Hours Worked: 11,110.00  
 First Aid Cases: 1  
 First Aid Incident Rate: 18.00  
 Recordable Cases: 0  
 Recordable Incident Rate: 0.00  
 Number of Audits Performed: 16

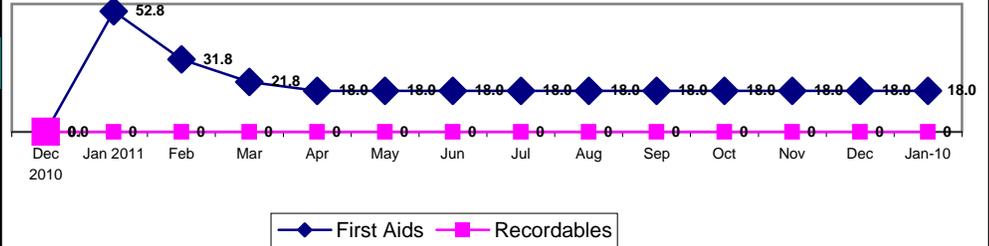
Wood Group

GWF Tracy Project  
 Job # P902

Incidents/First Aid/Recordable Cases by Month



First Aid/Recordable Rates



## Injury Time Of Day

## Accident By Body Part