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CCGS-CEC-007

Mr. Craig Hoffman
Compliance Project Manager
(09-AFC-4C)
California Energy Commission
1516 Ninth Street (MS-2000)
Sacramento, CA 95814

October 14, 2011

Subject: **Oakley Generating Station Project, 09-AFC-4, COMPLIANCE-6**
Monthly Compliance Report No. 3. For the Reporting Period of September 2011

Dear Mr. Hoffman,

Pursuant to Condition of Certification COMPLIANCE-6, enclosed is Oakley Generating Station Project Monthly Compliance Report No. 3 for the reporting period of September 2011. To satisfy the CEC requirement for an electronic version this report is also being submitted via email.

Should you have any questions concerning this matter, please contact me at your earliest convenience or Mr. Zenis Walley at (415) 243-3743.

Sincerely,

Thomas J. Chiangi
Oakley Power Project Director
Global Projects Organization

CC:	J. Xavier	GE Project Commercial Manager
	O. Zevallos	GE GPO Region Manager
	B. Hall	CCGS Contract Manager
	B. Bedaw	GE GPO Environmental Manager
	G. Lamberg	CCGS Senior VP
	Z. Walley	CCGS Project Compliance Manager
	J. Crapo	CBO Deputy Project Director
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	K. Hinojosa	ECCCHC

Oakley Generating Station Project

CEC Docket No. 09-AFC-4

Monthly Compliance Report No. 3

Reporting Period: September 2011

Prepared by Contra Costa Generating Station LLC (CCGS)

Oakley Generating Station Project

CEC Docket No. 09-AFC-4

Monthly Compliance Report No. 3

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INTRODUCTION

On May 18, 2011, the California Energy Commission (CEC) issued its Commission Decision (Docket No. 09-AFC-4) approving construction and operation of the Oakley Generating Station (OGS) Project. The CEC Compliance Project Manager (CPM) issued a Limited Notice to Proceed (LNTP)/Start of Construction Phase 1 activities on June 1, 2011 allowing the start of construction activities at the power plant site. The Full Notice to Proceed (FNTP) for Phase 1 activities was issued by the CEC on June 9, 2011. Similarly for Phase 2 activities the CEC issued a LNTP on June 24, 2011 with the FNTP following on July 26, 2011.

This document is a Monthly Compliance Report (MCR) as required by Condition of Certification COMPLIANCE-6. The information in this report documents the engineering, procurement, construction, and compliance activities that were performed during the reporting period: September 2011.

PROJECT STATUS (COMPLIANCE-6, 1)

Contra Costa Generating Station LLC (CCGS) (a wholly owned subsidiary of Radback Energy) has selected Oakley Power Constructors (OPC) to provide the engineering, procurement, and construction (EPC) services needed to construct the OGS Project. OPC is a project specific joint venture between Black & Veatch and Iberdrola. OPC will be the engineer and construction manager providing engineering/design services and overseeing the construction of the project. GE Energy is supplying the Gas Turbines, Steam Turbine, Generators, HRSG, DCS and CEMS and associated equipment as an integrated engineered equipment package. Pacific Gas & Electric Company (PG&E) will construct the transmission interconnection facilities, and will also design, build, and operate the natural gas pipeline associated with the project.

As of the end of September 2011, the Limited Notice to Proceed (LNTP) phase of the project was approximately 75 percent complete. The following table presents the percent complete numbers for the engineering, procurement, and construction activities as of the end of the month.

Activity	Percent Complete
Engineering	< 3%
Procurement	< 3%
Construction	< 3%

A project summary schedule is included in Exhibit 1. A Key Events List is included in Exhibit 2. Due to the dynamic nature of a large-scale construction project, key event dates are subject to change. Construction photos taken during the reporting period are provided in Exhibits 3 and 7.

On September 9, 2011 the Human Health Assessment report for the main site area was received from DuPont for review by CCGS and GE Environmental organization.

Also on September 9, 2011 an internal discussion within CCGS/GE was held to go over the position of taxes as they relate to OPC. Debate continues over what was or was not requested by CCGS from OPC related to OPC's bid.

On September 13, 2011 an internal review of the overall project was held to discuss project options as noted above related to the California Court review process.

On September 29, 2011 the CEC made their monthly site inspection tour.

Radback Energy Project Development Activities for September 2011:

1. CPUC – Appeals have been filed against the CPUC decision by CBE at the CA Supreme Court and by TURN at the San Francisco Appellate court. To date, the courts have not responded.

2. CEC – Filings were made at the CA Supreme Court appealing the CEC's decision. We expect these appeals to be denied. MCR No. 1 was submitted on time on August 12 followed by a very successful CEC staff site visit on August 30. CCGS is preparing MCR No. 2 for submittal by September 15.

3. Project Labor Agreement (PLA) – An amendment was presented by the Union Labor Lawyers to the Carpenter, Operating Engineer and Teamster unions for ratification and this amendment would then become part of the overall agreed to PLA.

4. BAAQMD – BAAQMD issued the ATC on June 2, 2011. The ERCs were handed over to the District

5. Amendment 5 – A meeting on the CSA will be held with PG&E and GE on the week of September 13. The intent of this meeting is to finalize the CSA which will result in the finalization of Amendment 5.

6. Iron house Sanitary – A revised connection fee summary was received from Ironhouse. Fees were reduced.

7. Diablo Water District – A meeting was held with the EPC contractor and Diablo which resolved plans for piping interferences.

8. T-Line with PG&E Transmission – Negotiations on the LGIA is nearing completion.

9. Engineering – OPC continues to work on preliminary engineering in accordance with the LNTP. Submittals are being made to the CBO in accordance with the schedule. Review drawings are being submitted to PG&E operations for review and comment.

10. CAISO – CCGS is presently negotiating the LGIA with PG&E and CAISO.

11. East Contra Costa County Habitat Conservancy (ECCCHC) – Representatives from the ECCCHC accompanied the CEC on the August 30 site visit and reported back that they were very pleased with their observations.

12. Oakley Enterprise Zone – Due to the end of session confusion in Sacramento in 2010, the bill has been re-introduced as SB536. It has moved through appropriations with a 7-0 vote. We understand that there is very little opposition to the bill.

13. Chief Building Official (CBO) – OPC has been making submittals to the CBO in accordance with the overall schedule.

14. Financing – Bank of Tokyo Mitsubishi has been selected as the lead bank. Debt financing will be frustrated until the CPUC approval becomes final and non-appealable. Due diligence is ongoing.

Weekly conference calls continue to be held to cover the following:

- GE PM Discussions – every Monday
- CCGS/GE/OPC Action Item Reviews – every Tuesday
- CCGS Internal Compliance Review – every Tuesday
- CCGS Internal Action Item Reviews – every Tuesday
- CCGS Internal Team Review – every Tuesday
- Oakley External Compliance Matrix Review – every Wednesday
- Oakley External CBO Review – every Wednesday

ENGINEERING, PROCUREMENT, AND CONSTRUCTION ACTIVITIES

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

ENGINEERING

Status of project design will be established at the completion of contract negotiations with OPC.

Engineering design progress will be established at the completion of contract negotiations with OPC.

The master CBO submittal log was updated and posted to the CBO's website, where it is available for CEC CPM review. More specific details on the engineering and design activities conducted during the reporting period are described in Exhibit 4, which includes copies of CBO approvals received during the reporting period and lists the engineering activities planned for October 2011.

PROCUREMENT

Status of equipment/material procurement will be established at the completion of contract negotiations with OPC.

CONSTRUCTION

The following construction activities were performed during September 2011:

General Activities

- OPC Monthly activities include:
    - Demobilized subcontractor (Granite) staff and equipment from site
        - Four 637 scrapers
        - Two 623 scrapers
        - One D6 bulldozer
        - One GPS controlled Grade Blade
        - Two water trucks
        - One 4WD backhoe
        - One 6T drum roller
    - Completed installation of Phase 2 SWPPP around Wetland E
    - Completed rough grading of Bath Tub in main plant area
    - Transported all soil to stockpiles, and applied SWPPP BMP and hydroseed
    - Completed rough grading and backfilling of west plant area, including development of storm water retention pond
    - Completed establishment of north and east bio-swales along tree line in main plant area
    - Completed installation of required construction stage storm water piping
    - Completed installation of geo tech fabric and rip rap at three storm water outfall locations
    - Completed installation of rock at three storm water inlet locations
    - Continued constructability reviews of engineering drawings
    - Coordinated Special Inspectors (Signet)
    - Coordinated on-site CBO inspections
    - Completed weekly SWPPP inspections
    - Continued contacting/coordinating with various utilities to determine isolation points of lines crossing the project site
    - Supported development of MCR for CEC CPM
    - Continued to support development of construction subcontractor contracts
    - Completed site walk down/project review with CEC staff – September 29, 2011
    - Completed site walk down with AT&T for development of construction communications
    - Completed implementation of Ram Aggregate Pier (RAP) test program
    - OPC HQ engineering on site from KC to oversee the RAP testing
    - Assisted with development of package to have DWD water line lowered

- OPC mobilized the following staff:
    - None
- OPC demobilized the following staff:
    - None
- Continued review and incorporation where applicable of PG&E comments to various specifications issued by OPC

STG Activities

- None to date

HRSG Activities

- Note to date

Air Cooled Condenser Area

- None to date

CTG Area Activities

- None to date

Water Treatment Activities

- None to date

Wetland Area Activities

- Installed silt fencing and SWPPP BMP measures for erosion control around site, Wetland areas, and Areas 2, 3 and 4.

The following construction activities are planned for October 2011:

General Activities

- Pending approval of the CEC amendment complete development of laydown yard/ parking lot area.
- Based on received approval from East Contra Costa County Habitat Conservancy complete tree removal/trimming.
- Continue installation of drainage system piping in Areas 1, 2 and 3.
- Maintain and establish SWPPP BMP as needed.

Civil/Structural:

- Attend weekly conference calls for CBO coordination meetings.
- Attend weekly conference calls for CCGS and GE EEP coordination meetings.
- Attend weekly OPC Project coordination meetings.

- Where possible, continue with underground utility design and weekly coordination meetings.
- Where possible, issue underground utility design for in-house review and for Owner review.
- Continued with above grade design weekly coordination meetings.
- Where possible, continue support for package development and/or bid and award activities for procurement and subcontract packages.
- Complete RAP Test Program report and submit to the CBO.
- Issue revised Site Specific Seismic Response Analysis incorporating CBO comments and applicable updates resulting from the RAP Test Program to the CBO for approval.
- Continue with review of GE-EEP document submittals.
- Continue with review of procurement and subcontract package submittals.
- Continue STG foundation design.
- Where possible, continue with layout and modeling of structural steel and load development/input for the utility racks and STG area.
- Continue with CTG foundation layout and design.
- Where possible, issue architectural arrangement drawings for Owner review.
- Initiate foundation layout and design for the Alternate Source transformer

Mechanical:

- Continue preparing preliminary Piping and Instrument Diagrams for remaining systems. Issue third group for in-house review.
- Continue processing of combustion turbine and steam turbine drawing submittals.
- To the extent possible, continue supporting C/S department's development of underground utility drawings and design.
- To the extent possible, continue entry of piping systems into project 3D model. Due to HRSG issue, to be discontinued.
- To the extent possible, continue development of stress analysis of Main Steam, Hot & Cold Reheat, and LP Steam systems. To be discontinued.
- Continue weekly internal above ground space control meetings.
- Attend weekly conference calls for CBO coordination meetings.
- Attend weekly conference calls for CCGS and GE EEP coordination.
- Provide HVAC and fire protection section support for PEMB procurement package

Electrical:

- Complete the draft underground duct bank and underground conduit design and then put on hold waiting for HRSG area.
- Complete the Medium Voltage (MV) and Low Voltage (LV) switchgear schematics.
- Complete Electrical Enclosure arrangement drawings.
- Continue design of the auxiliary electric system.

- Continue Balance of Plant (BOP) DCS I/O Estimate.
- Continue 230KV switchyard detailed design.
- Continue plant grounding study.
- Support resolution of remaining electrical/control open proposal issues.
- Attend weekly conference calls for CBO coordination.
- Attend weekly conference calls for CCGS and GE EEP coordination.

STG Activities

- None to date

HRSG Activities

- Note to date

Cooling Tower Area

- None to date

CTG Area Activities

- None to date

Water Treatment Activities

- None to date

Wetland Area Activities

- Monitoring of silt fencing and SWPPP BMP measures for erosion control

COMPLIANCE ACTIVITIES

This section of the MCR describes activities that ensure compliance is achieved with all Conditions of Certification in the Commission Decision for the OGS Project. The following information meets the requirements in Condition of Certification COMPLIANCE-6.

Completed Compliance Activities

Monthly Compliance Report No. 3 covers the reporting period of September 2011. The monthly CEC staff site visit occurred on September 29, 2011.

Compliance Matrix (COMPLIANCE-6, 3)

The compliance matrix (Exhibit 6) was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates of any approvals by the CBO, CEC CPM, or other agencies having review or approval authority.

Conditions Satisfied and Required Documents Submitted With This MCR (COMPLIANCE-6, 2 & 4)

The Commission Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in a MCR. The report format is designed to be comprehensive and inclusive of all Conditions of Certification that require monthly or "next" scheduled monthly reporting. However, only elements of conditions that are required to be addressed or which occurred during the subject reporting period are included in their respective exhibits. The following one-time, as occurred, and/or monthly compliance activities were completed during the reporting period:

AQ-SC3: 1) Approximately 1,322,306 gallons of water were used for construction dust control. Work activities requiring dust control are more completely described in the AQCMM's monthly report in Exhibit 7. 2) No complaints were filed with the Bay Area Air Quality Management District during the reporting period. 3) No other documentation is attached for the reporting period.

AQ-SC5: 1) A summary of all actions taken to maintain compliance, 2) list of heavy equipment, and 3) other documentation necessary to verify compliance during the reporting period is included in Exhibit 6.

AQ-SC10: Documentation in the form of the MCR will be submitted to the CPM and APCO during the facility commissioning period to demonstrate compliance. This information will be included in Exhibit 5.

BIO-2: The Designated Biologist for the OGS Project is Mr. Rick Crowe with CH2MHill. A monthly Biological Resources Mitigation Implementation and Monitoring Report provides a summary of reporting period construction activities and associated biological monitoring, and is included in Exhibit 7.

BIO-5: During the reporting period 31 personnel received Worker Environmental Awareness Program training on site. The total number of personnel trained to date is 122. Documentation of worker training records for the reporting period is included in Exhibit 8.

BIO-6: The Designated Biologist/Biological Monitors provide monthly documentation on how the biological mitigation measures defined in the BRMIMP have been implemented during the reporting period. This information is included in Exhibit 7.

BIO-7: The Designated Biologist/Biological Monitors provide monthly documentation on how the general impact avoidance and minimization measures have been implemented during the reporting period. This information is included in Exhibit 7.

BIO-9: The Designated Biologist/Biological Monitors provide documentation on a pre-construction nest survey and on how impact avoidance and minimization measures related to

nesting and breeding birds have been implemented during the reporting period. This information is included in Exhibit 7.

BIO-10: The Designated Biologist/Biological Monitors provide monthly documentation on how measures to minimize or avoid harassment or harm to bat species have been implemented during the reporting period. This information is included in Exhibit 7.

BIO-11: The Designated Biologist/Biological Monitors provide monthly documentation on implementation of Swainson's hawk tree mitigation and avoidance measures during the reporting period. This information is included in Exhibit 7.

BIO-12: The Designated Biologist/Biological Monitors provide monthly documentation on implementation of Western Burrowing Owl impact avoidance and minimization measures during the reporting period. This information is included in Exhibit 7.

BIO-13: The Designated Biologist/Biological Monitors provide monthly documentation on implementation of American Badger impact avoidance and minimization measures during the reporting period. This information is included in Exhibit 7.

BIO-14: The Designated Biologist/Biological Monitors provide monthly documentation on implementation of San Joaquin Kit Fox impact avoidance and minimization measures during the reporting period. This information is included in Exhibit 7.

BIO-15: The Designated Biologist/Biological Monitors provide monthly documentation on implementation of Western Pond Turtle impact avoidance and minimization measures during the reporting period. This information is included in Exhibit 7.

BIO-16: The Designated Biologist/Biological Monitors provide monthly documentation on implementation of Giant Garter Snake impact avoidance and minimization measures during the reporting period. This information is included in Exhibit 7.

BIO-17: The Designated Biologist/Biological Monitors provide monthly documentation on implementation of California Tiger Salamander impact avoidance and minimization measures during the reporting period. This information is included in Exhibit 7.

BIO-18: The Designated Biologist/Biological Monitors provide monthly documentation on implementation of California Red-Legged Frog impact avoidance and minimization measures during the reporting period. This information is included in Exhibit 7.

CIVIL-1: Documentation of CBO approval letters during the reporting period is provided in Exhibit 4.

CIVIL-3: Documentation of all inspection non-conformance reports during the reporting period is provided in Exhibit 4.

CIVIL-4: Documentation of CBO approval letters submitted during the reporting period is provided in Exhibit 4.

COMPLIANCE-5: An updated compliance matrix is provided in Exhibit 10.

COMPLIANCE-6: This MCR conforms to and satisfies the Condition of Certification.

COMPLIANCE-14: Petition for Amendment No. 1 for additional laydown yard/parking/staging area was submitted to the CEC on September 15, 2011 for staff review and approval.

CUL-5: During the reporting period 31 personnel received Worker Environmental Awareness Program training on site. The total number of personnel trained to date is 122. Documentation of worker training records for the reporting period is included in Exhibit 8.

CUL-6: Daily email reports, DPR 523A form, and the Cultural Resources Specialist's monthly summary report are included in Exhibit 7.

ELEC-1: Documentation of transmittal of electrical construction design review and approval by the CBO during the reporting period is included in Exhibit 4.

GEN-2: A project schedule update is included in Exhibit 1.

GEN-3: Documentation of fee payment to the CBO and CBO receipt of payment during the reporting period is included in Exhibit 5.

GEN-5: Documentation of CBO approval of responsible mechanical and electrical engineers during the reporting period is included in Exhibit 4.

GEN-6: Documentation of CBO approval of all special inspectors during the reporting period is included in Exhibit 4.

GEN-7: Documentation of CBO approval of any corrective action to resolve any design and/or construction discrepancy during the reporting period is included in Exhibit 4.

GEN-8: Documentation of: 1) notices of completed work ready for CBO inspection, and 2) signed CBO statement that work conforms to final approval plans during the reporting period is included in Exhibit 4.

MECH-1: Document of CBO inspection approvals during the reporting period is included in Exhibit 4.

MECH-2: Document of CBO and/or Cal OSHA inspection approvals during the reporting period is included in Exhibit 4.

PAL-4: During the reporting period 31 personnel received Worker Environmental Awareness Program training on site. The total number of personnel trained to date is 122. Documentation of worker training records for the reporting period is included in Exhibit 8.

PAL-5: A summary of the Paleontological Resource Specialist's activities during the reporting period is included in Exhibit 7.

SOIL & WATER-1: Documentation of the effectiveness of drainage, erosion and sediment control measures and the results of monitoring and maintenance activities during the reporting period is included in Exhibit 6.

SOIL & WATER-6: Documentation of the effectiveness of drainage, erosion and sediment control measures and the results of monitoring and maintenance activities pertaining to Wetland E during the reporting period is included in Exhibit 6.

STRUC-1: Documentation of CBO approval of structural plans, specifications, and calculations during the reporting period is included in Exhibit 4.

STRUC-3: Documentation of CBO approval of revised plans during the reporting period is included in Exhibit 4.

STRUC-4: Documentation of CBO approval of inspections during the reporting period is included in Exhibit 4.

TRANS-4: Documentation that required permits were obtained, as needed, during the reporting period is included in Exhibit 4. During the reporting period no project-specific traffic related permits were obtained.

TSE-1: Documentation of submittal of a construction schedule and updates to the CBO during the reporting period is provided in Exhibit 4.

TSE-4: Documentation of submittal of final design plans, specifications and calculations to the CBO during the reporting period is provided in Exhibit 4.

WASTE-7: Documentation of new or revised hazardous waste generation notifications or changes in the generator identification number during the reporting period is included in Exhibit 5.

WORKER SAFETY-3: Documentation of: 1) employees trained, 2) safety management actions and safety-related incidents, 3) unresolved situation and incidents that may pose a danger to life and health, and 4) reports of accidents and injuries during the reporting period is included in Exhibit 9.

Submittal Deadlines (COMPLIANCE-6, 5)

No submittal deadlines were missed during the reporting period.

Approved Changes to Conditions of Certification (COMPLIANCE-6, 6)

No changes to the Conditions of Certification occurred during the reporting period.

Filings Submitted To or Permits Issued by Other Governmental Agencies (COMPLIANCE-6, 7)

- September 8, 2011: Well Permits for abandonment of BVP 104, 108 and 110 issued by the Contra Costa Environmental Health Division (Exhibit 5).
- September 15, 2011: Submitted Amendment No. 1 to the East Contra Costa County Habitat Conservancy approval for tree trimming and removal (Exhibit 5). Based on comments received on September 16, the amendment was resubmitted on September 27, and subsequently approved on September 29, 2011 (Exhibit 5).

Projected Compliance Activities for: <u>October and November 2011</u> (COMPLIANCE-6, 8)

The following compliance activities are projected for October and November 2011:

- Adhere to Conditions of Certification, defined herein, that require monthly activities and/or per event submittals.
- Receive CEC staff approval of Petition to Amend Conditions of Certification for additional laydown yard area, parking lot, and 5th Street access road.
- Receive East Contra Costa County Habitat Conservancy approval on amendment for tree trimming and removal.
- AQ-49: Interact with BAAQMD staff on the CEMS design specifications and requirements.
- COMPLIANCE-5 and -6: Submit MCR and compliance matrix to the CEC.
- SOIL & WATER-1: Submit SWPPP Amendment No. 1 for additional laydown yard and parking area.
- VIS-1: Submit example of color (ANSI-70 Gray) on metal plate to the CEC to obtain approval of the Surface Treatment Plan submitted on March 24, 2011.
- Facilitate monthly CEC staff site visit.

Listing of Additions to Onsite Compliance Files (COMPLIANCE-6, 9)

Copies of the documents included in MCR exhibits will be added to the onsite compliance files.

Listing of Complaints, NOV, Official Warnings and Citations (COMPLIANCE-6, 10)

No complaints, NOV, official warnings or citations were issued or received during the reporting period.

EXHIBIT 1

PROJECT SCHEDULE

<u>PROJECT SCHEDULE</u> (COMPLIANCE-6, 1)

July 1, 2011 through October 31, 2011 Supplier activities:

- Begin piling, foundation, and pedestal, and table-top (where applicable) design packages for CBO review/approval of the following buildings/systems:
    - ACC and auxiliaries
    - HRSG and auxiliaries
    - CTG and auxiliaries (incl. excitation module, LCI, exhaust)
    - STG and auxiliaries (incl. electrical modules, steam sample module)
    - Step-up and auxiliary transformers
    - Auxiliary boiler
    - Switchgears
    - Administration building, warehouse, water treatment building, CEMS, guard house
- Perform mechanical system engineering and support as required for the below described specifications and contracts.
- Perform electrical and controls system engineering and support required for the below described specifications and contracts.
- Develop specification, bid, and award the following contracts:

(**<u>Note</u>**: Selective awards include release for engineering but may withhold release for manufacturing and material commitments pending close of debt financing. The Power Transformer-Alternate Source [Construction Power Transformer] and oil water separator will be released for manufacture. Bids and awards will be based on the Project Schedule per the Level 1 EPC Schedule Revision N dated June 28, 2011.)

- Boiler Feed Pumps
- Sanitary Facilities – ON-GOING
- Electrical construction
- Mechanical construction
- Piling
- Construction power transformer – ON-GOING
- Oil water separator
- Underground piping and duct bank
- Gas compressors
- Water systems
- Building material (pre-fabricated)
- MCCs, SUS's, batteries, ESS service equipment
- Step-up and auxiliary transformers
- Auxiliary boiler

- Issue site clearing/grubbing IFC drawings

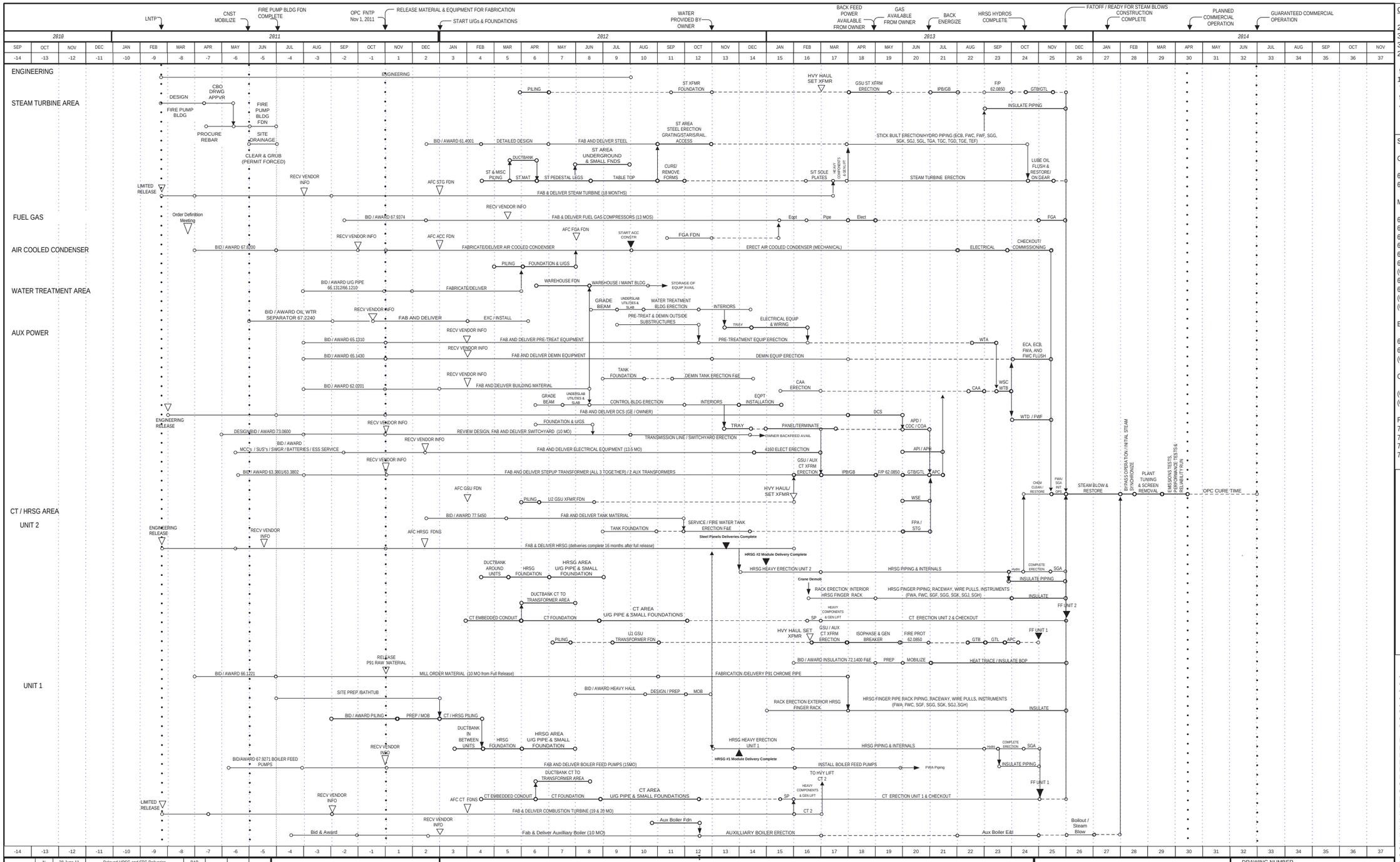
- Issue site grading/drainage IFC drawings
- Develop/Issue (when available) IFC drawings for excavation, foundation, pedestal and table-top package of the following equipment/system:
    - Construction power transformer – ON-GOING
    - ACC and auxiliaries
    - HRSG and auxiliaries
    - CTG and auxiliaries (including excitation module, LCI, exhaust)
    - STG and auxiliaries (including electrical modules, steam sample module)
    - Step-up and auxiliary transformers
    - Auxiliary boiler
    - Switchgears
    - Administration building, warehouse, water treatment building, CEMS, and guard house
- Begin Clear/grub remainder of site
- Install construction phase bio swales in accordance with SWPPP/DESCP
- Begin Rough/fine grade remainder of site
- Begin Bathtub excavation of major foundation areas
- Develop the laydown area
- Grade the foundation areas for the following areas/systems:
    - ACC and auxiliaries
    - HRSG and auxiliaries
    - CTG and auxiliaries (including excitation module, LCI, exhaust)
    - STG and auxiliaries (including electrical modules, steam sample module)
    - Step-up and auxiliary transformers
    - Auxiliary boiler
    - Switchgears
    - Administration building, warehouse, water treatment building, CEMS, guard house

Company activities during the TSA Period to support Supplier shall include the following:

- Obtain CEC Certification
- Secure project financing
- Provide necessary access to Site for Supplier to perform Services
- Provide required Construction Power to the tie-in location
- Pre-release GE supplied equipment engineering information
- Pre-release Power block Engineering

- Issue Design Memo
- Issue General Specification

- Issue Site Data Specification
- Award HRSG contract – for engineering design drawings and potentially for long lead materials and shop/manufacturing slot
- Issue T219 Functional Specification (BFP and ACC)
- Develop DCS Specification
- Develop Bypass Valve Specification
- Develop Control Valve Specification
- Develop Vibration Monitoring Specification
- Issue preliminary & NTE Steam Turbine design information
- Issue preliminary & NTE Gas Turbine design information
- Issue preliminary & NTE Generator design information
- Issue preliminary & NTE HRSG design information
- Issue preliminary HRSG drum level control valves design information
- Issue preliminary DCS design information
- Issue preliminary bypass valves design information
- OPC continues with the current plan for the LNTP Amendment with the objective of maintaining continuous construction through to October 31, 2011 in order to avoid any issues related to the PSD.
- CCGS, PG&E and CAISO are continuing detailed discussions related to the LGIA and the associated dates for delivery of the network upgrades and the interconnection to the grid.
- The permitting process concluded on schedule as noted above. Weekly meetings with the California Energy Commission (CEC) and California Business Office (CBO) to review compliance and design submittals, issues, and supporting documentation and schedule requirements continue.
- All necessary filings that are required to mobilize onto the site have been met.
- OPC have developed the Construction Tie-In and Loads for the site.
- The development of the Design Manual, Procurement Manual and Inspection Test Plan continue.
- The development of specifications, bid documents and awarding of various contracts continues.



OVERALL DURATION SUMMARY:

29.5 Months NTP to Planned COD
32.0 Months NTP to Guaranteed COD
30.0 Months overall construction (incl site prep)
23.0 Months from start U/G's to First Fire CTs

9.0 Months CT Erection (on base to FIRST FIRE)
10.0 Months HRSG Erection (Set Steel to Hydro)
7.5 Months ST Erection (Heavy Lifts to On Gear)
9.5 Months Back Energize to Planned CO
4.5 Months First Fire to Planned CO

SPEC KEY / LEGEND

CIVIL / STRUCTURAL PURCHASE CONTRACTS

61.1808	Manholes
61.4001	Structural Steel

MECHANICAL PURCHASE CONTRACTS

62.0201	Pre-Engineered Mtl Bldgs Shell (F&E)
62.0850	Fire Protection System (F&E)
67.9271	Boiler Feed Pumps
66.1210	Carbon Steel - U/G
66.1221	Pipe-High Press Fabricated-Alloy
66.1312	Ductile Iron - U/G
(OWNER)	Heat Recovery Steam Generator
67.8200	Air Cooled Condenser
67.9734	Fuel Gas Compressors
(OWNER)	Steam Turbine Generator
(OWNER)	Combustion Turbine Generator

ELECTRICAL PURCHASE CONTRACTS

63.3801	Power Transformer - Generator Step-Up
63.3802	Power Transformers - Main Auxiliary
(OWNER)	DCS Essential Controls Equipment

CHEMICAL PURCHASE CONTRACTS

(OWNER)	Raw Water Pretreatment
(OWNER)	Cycle Makeup Treatment

F&E PURCHASE CONTRACTS

72.1400	Insulation & Lagging (F&E)
73.0600	Transmission and Distribution
77.5450	Tanks - Field Erected (F&E)
77.8200	Air Cooled Condenser (F&E)

EEP Engrd Drwgs / Equipment Delivery

March 25, 2011 CKOM basis for Engineering Deliverables

ST & Generator	Mar.15, 2013
CT1 & Generator	Feb. 1, 2013
CT2 & Generator	Mar. 1, 2013
HRSG 1 Steel	Oct. 15, 2012
HRSG 1 1st Module	Nov. 1, 2012
HRSG 1 Final Module	Dec. 1, 2012
HRSG 2 Steel	Nov. 15, 2012
HRSG 2 1st Module	Dec. 1, 2012
HRSG 2 Final Module	Jan. 1, 2013

SYSTEM CODE KEY / LEGEND

APB	AC POWER SUPPLY (120V/208V)
APC	AC POWER SUPPLY (480V)
APD	AC POWER SUPPLY 4.16 KV
APH	DC POWER
API	ESSENTIAL SERVICE
CAA	INSTRUMENT AIR
COA	DCS
COC	UNIT PROTECTION
ECA	AUXILIARY COOLING WATER
ECB	CLOSED CYCLE COOLING WATER
FGA	FUEL GAS
FWA	BOILER FEEDWATER
FWC	CONDENSATE
FWF	WATER CYCLE MAKEUP & STORAGE
FPA	FIRE PROTECTION
GTB	GENERATOR STEPUP TRANSFORMER
GTL	AUXILIARY TRANSFORMER
HRA	AIR COOLED CONDENSER
HRE	CIRC.WATER CHEM FEED
SGA	HRSG
SGF	BOILER VENTS AND DRAINS
SGG	MAIN STEAM
SGJ	HOT REHEAT STEAM
STG	SITE FIRE PROTECTION
WSC	SERVICE WATER
WSE	FIRE PROTECTION-WTR SPLY
WTA	RAW WATER PRETREATMENT
WTB	SERVICE WATER TREATMENT
WTD	CYCLE MAKEUP TREATMENT

(SYSTEM CODES REPRESENT COMMISSIONING OF THAT SYSTEM)

NO.	DATE	REVISIONS & RECORD OF ISSUE	DRWN			FLM
N	28-June-11	Delayed HRSG and STG Deliveries	BAB			
M	09-June-11	Latest Version – NTP = Nov 1, 2011	BAB			
G	13-May-11	Updated GSU Fdn Install	BAB			
F	21-Apr-11	Optimized PMI and Granite Schedule	BAB			
E	20-Apr-11	Final to CCGS in support of Nov 1 NTP	BAB			

OAKLEY POWER CONSTRUCTORS

B&V and IEC

DATE 28-June-11

OAKLEY – CONTRA COSTA GENERATING STATION
7FA.05-MACHINE 2X1 COMBINED CYCLE

NTP = NOVEMBER 1, 2011

LEVEL 1 EPC SCHEDULE

DRAWING NUMBER 172939

CODE AREA

PAGE 1 OF 1

EXHIBIT 2

KEY EVENTS LIST

KEY EVENTS LIST

PROJECT: Oakley Generating Station

DOCKET No.: 09-AFC-4

COMPLIANCE PROJECT MANAGER: Craig Hoffman

EVENT DESCRIPTION	DATE
CEC Decision Date	May 18, 2011
Obtain Site Control	December 2008
Online Date	July 1, 2014
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	June 2011
Start Ground Disturbance	June 2011
Start Grading	July/August 2011
Start Construction	June 2011
Begin Pouring Major Foundation Concrete	TBD
Begin Installation of Major Equipment	TBD
Completion of Installation of Major Equipment	TBD
First Combustion of Gas Turbine	TBD
Obtain Building Occupation Permit	TBD
Start Commercial Operation	July 1, 2014
Complete All Construction	TBD
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	TBD
Synchronization with Grid and Interconnection	TBD
Complete T/L Construction	TBD
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	TBD
Complete Gas Pipeline Construction	TBD
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	TBD
Complete Water Supply Line Construction	TBD

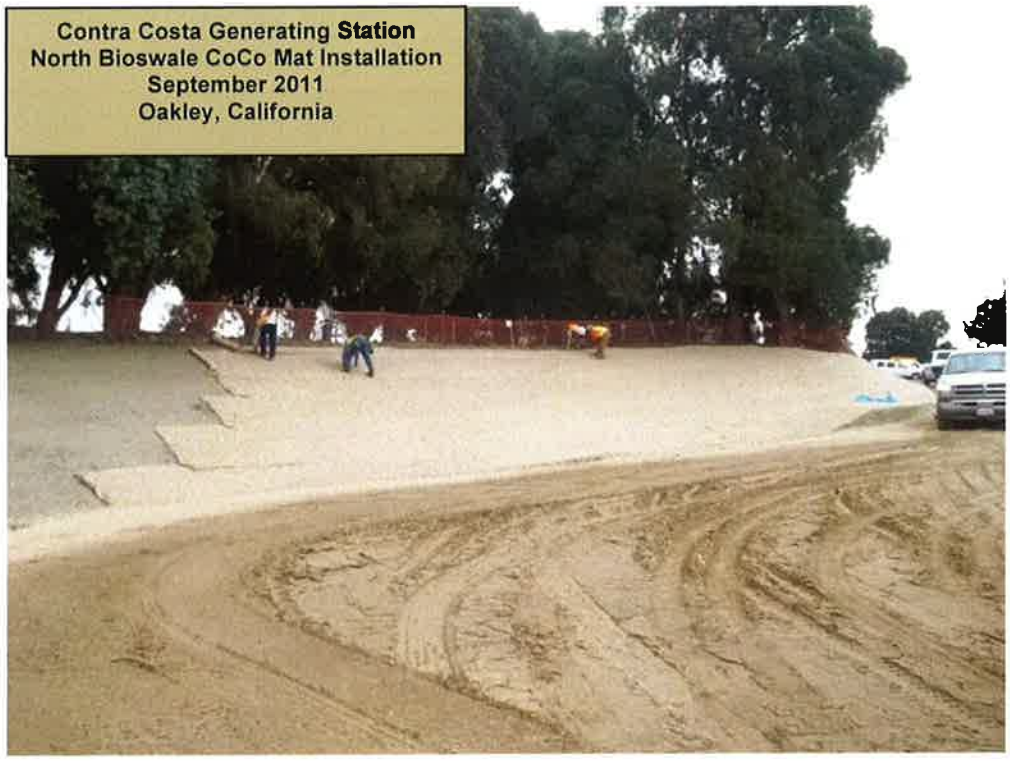
Note: Due to the dynamic nature of a large-scale construction project, key event dates are subject to change. TBD = To be determined.

EXHIBIT 3

CONSTRUCTION PHOTOGRAPHS

Note: See Exhibits 6 and 7 for additional site photos attached to the weekly SWPPP Visual Inspection Field Log Sheets and resource specialists' reports, respectively.

12.0 Project Site Photos



Contra Costa Generating Station
RAP Test Program Operation
September 2011
Oakley, California

Contra Costa Generating Station
Stormwater Outfall to Wetland E
September 2011
Oakley, California

Contra Costa Generating Station
Stormwater Pipe Installation
September 2011
Oakley, California
09/08/2011 16:35

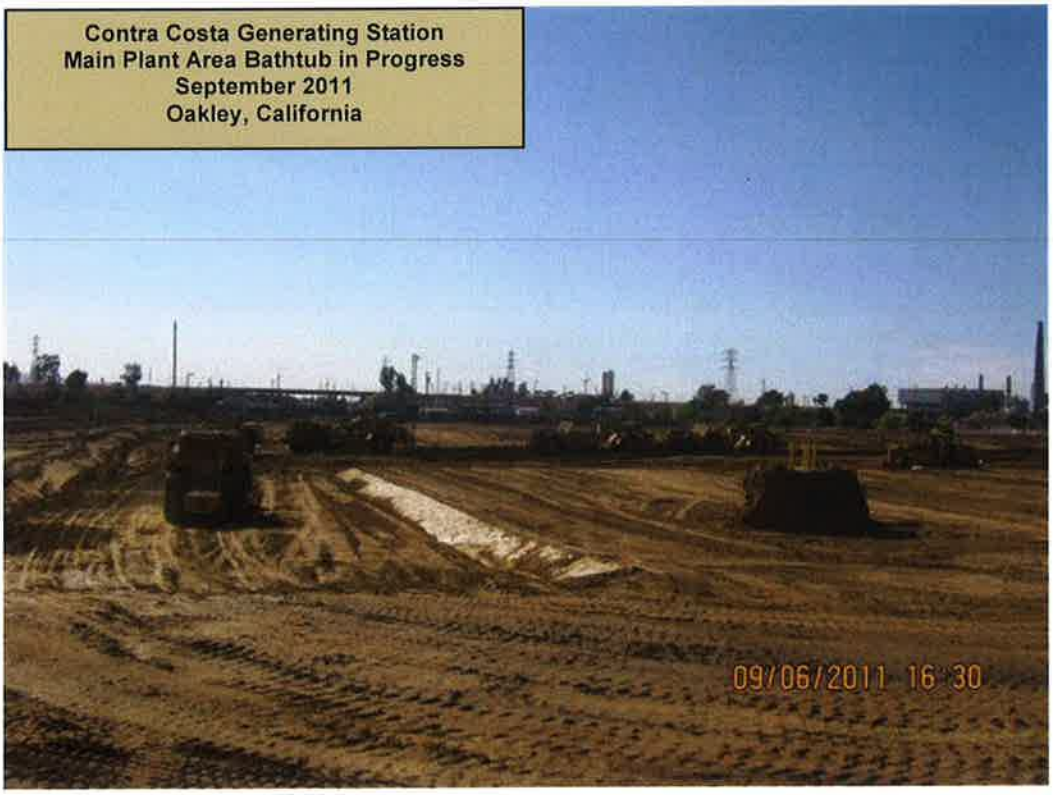

Contra Costa Generating Station
Main Plant Area Bathtub in Progress
September 2011
Oakley, California
09/06/2011 16:30

EXHIBIT 4

CONSTRUCTION PROGRESS REPORT

CONSTRUCTION PROGRESS REPORT

Site

- Demobilized subcontractor (Granite) staff and equipment from site
    - Four 637 scrapers
    - Two 623 scrapers
    - One D6 bulldozer
    - One GPS controlled Grade Blade
    - Two water trucks
    - One 4WD backhoe
    - One 6T drum roller
- Completed rough grading of Bath Tub in main plant area
- Transported all soil to stockpiles, and applied SWPPP BMP and hyrdoseed
- Completed rough grading and backfilling of west plant area, including development of storm water retention pond
- Continued constructability reviews of engineering drawings
- Coordinated Special Inspectors (Signet)
- Coordinated on-site CBO inspections
- Completed weekly SWPPP inspections
- Continued contacting/coordinating with various utilities to determine isolation points of lines crossing the project site
- Supported development of MCR for CEC CPM
- Continued to support development of construction subcontractor contracts
- Completed site walk down/project review with CEC staff – September 29, 2011
- Completed site walk down with AT&T for development of construction communications
- Completed implementation of Ram Aggregate Pier (RAP) test program
- OPC HQ engineering on site from KC to oversee the RAP testing
- Assisted with development of package to have DWD water line lowered
- OPC mobilized the following staff:
    - None

- OPC demobilized the following staff:
    - None
- Continued review and incorporation where applicable of PG&E comments to various specifications issued by OPC

Installation

- Completed installation of Phase 2 SWPPP around Wetland E
- Completed establishment of north and east bio-swales along tree line in main plant area
- Completed installation of required construction stage storm water piping
- Completed installation of geo tech fabric and rip rap at three storm water outfall locations
- Completed installation of rock at three storm water inlet locations

Specifications

- Continued constructability reviews of engineering drawings.
- Coordinated Special Inspectors (Signet).
- Coordinated on-site CBO inspections.

Administrative

- CCGS mobilize Site Staff as required.

Civil/Structural

- Continue with underground design and weekly coordination meetings.
- Continue support for package development and/or bid activities for procurement and subcontractor packages.
- Package Development:
    - 61.2005 Oil/Water Separator & CT Drains Tanks
    - 62.0956 Acoustical Walls
    - 63.3603 Low Voltage Switchgear
    - 63.3801 GSU Transformer
    - 63.3802 Unit Auxiliary Transformer
    - 63.3803 Alternate Source Transformer
    - 65.1410 Cycle Makeup Treatment Equipment
    - 66.2180 Silencers
    - 67.6150 Auxiliary Boilers
    - 67.9271 Boiler Feed Pumps
    - 71.0401 Piles

- 73.0200 Electrical Construction
- 77.1000 Mechanical Construction
- 78.0109 RAP Teat Plan

- Continue resolution of CBO review comments to the OPC approved for construction drawings, construction specifications, and calculations for the following design items for the permanent plant and east construction laydown area:

Mechanical

- Continue preparing preliminary Piping and Instrument Diagrams for remaining systems. Issue second group for in-house review.
- Continue processing of combustion turbine and steam turbine drawing submittals.
- Continue supporting C/S department's development of underground utility drawings and design.
- Issue Plant Arrangement drawings for in-house review.
- Facilitate internal pipe-to-steel coordination meeting.
- Continue entry of steam piping systems into project 3D model.
- Continue development of stress analysis of Main Steam, Hot & Cold Reheat, and LP Steam systems.
- Continue weekly internal above ground space control meetings.
- Attend weekly conference calls for CBO coordination meetings.
- Attend weekly conference calls for CCGS and GE EEP coordination.
- Continue preparing mechanical construction specification for in-house review.

Electrical

- Complete the initial design of underground duct bank and conduit details.
- Continue design of the auxiliary electric system.
- Continue electrical and control equipment tagging.
- Continue Balance of Plant (BOP) DCS I/O Estimate.
- Continue Raceway temperature De-rating (ETAP) study.
- Continue the Auxiliary Electric System (ETAP) study.
- Continue 230 kV Switchyard detailed design.

EXHIBIT 5

CORRESPONDENCE, FILINGS OR PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES

CONTRA COSTA
HEALTH SERVICES

CONTRA COSTA
ENVIRONMENTAL HEALTH DIVISION
2120 DIAMOND BOULEVARD, SUITE 200
CONCORD, CA 94520
(925) 692-2500
www.cocoeh.org

Well Permit

PR Number:	**45068**	**PE Number:**	**4368**
Date Received:	**31 AUGUST 2011**	**Permit Number:**	**11M-1481**

Permit Approved/Issued by: _____ **Date Issued: 08 SEPT 2011 Date Expires: 09 MARCH 2012**

Environmental Health Specialist

NEW WELL	( ) SOIL BORINGS	WELL ABANDONMENT BVP 104	REPAIR

The issuance of this permit by Contra Costa County Environmental Health Division does not guarantee a satisfactory and an indefinite operation of any well. Permit expires in 180 calendar days from date of approval. Permits are non-transferable, and can be suspended or revoked. If more time is required for the project, a time extension may be granted if reasons warrant it in writing.

PROJECT SITE INFORMATION

Site Address:	**BRIDGEHEAD RD, OAKLEY**		
APN:	**037 020 019**	**Lot/Parcel #:**	
Subdivision #:		**Minor Subdivision #:**	

DRILLER / CONSULTANT INFORMATION

Driller:	**DRILL TECH DRILLING**	**Contact Person:**	**SHANNON**
Phone #:	**925 978-2060**	**FAX#:**	**925 978-2063**
Consultant:	**OAKLEY POWER CONSTRUCTORS**	**Contact Person:**	**MARK FREEMAN**
Phone #:	**913 940-6296**	**FAX#:**	

LEGAL OWNER INFORMATION

Property Owner	**DU PONT**	**Responsible Party:**	**SAME AS OWNER**
Owner Address:	**PO BOX 1039**	**Address:**	
City/State/Zip:	**WILMINGTON, DE 19899**	**City/State/Zip:**	
Phone #:		**Phone#**	

Prior to any drilling construction or destruction of a well, requests for inspection appointment must be received 48 hours in advance (excluding weekends, holidays and Mandatory County Furlough Days) by faxing your written request to (925) 692-2504 or email to ehlu@hsd.cccounty.us. Voice mail messages are not acceptable.

Well drillers must possess a valid C-57 license and must have on file a performance bond of $5,000.00 with Contra Costa County before commencing with any well construction, destruction or repairs.

WELL PERMIT CONDITIONS:

1. Proper annular seals and surface construction features are to be installed and required water analyses completed within 30 days of commencing drilling.
2. Monitoring well/soil boring shall be destroyed pursuant to County regulations within 30 days of completing monitoring activities.
3. **THE WELL MUST BE OVERDRILLED THEN BACKFILLED WITH AN APPROVED GROUTING MATERIAL VIA TREMIE PIPE**

Final Approval by: _____ **Date:** _____

CONTRA COSTA
HEALTH SERVICES

CONTRA COSTA
ENVIRONMENTAL HEALTH DIVISION
2120 DIAMOND BOULEVARD, SUITE 200
CONCORD, CA 94520
(925) 692-2500
www.cocoeh.org

Well Permit

PR Number:	**45069**	**PE Number:**	**4368**
Date Received:	**31 AUGUST 2011**	**Permit Number:**	**11M-1483**

Permit Approved/Issued by: _____ **Date Issued: 08 SEPT 2011 Date Expires: 09 MARCH 2012**

Environmental Health Specialist

NEW WELL	( ) SOIL BORINGS	WELL ABANDONMENT BVP 108	REPAIR

The issuance of this permit by Contra Costa County Environmental Health Division does not guarantee a satisfactory and an indefinite operation of any well. Permit expires in 180 calendar days from date of approval. Permits are non-transferable, and can be suspended or revoked. If more time is required for the project, a time extension may be granted if reasons warrant it in writing.

PROJECT SITE INFORMATION

Site Address:	**BRIDGEHEAD RD, OAKLEY**		
APN:	**037 020 019**	**Lot/Parcel #:**	
Subdivision #:		**Minor Subdivision #:**	

DRILLER / CONSULTANT INFORMATION

Driller:	**DRILL TECH DRILLING**	**Contact Person:**	**SHANNON**
Phone #:	**925 978-2060**	**FAX#:**	**925 978-2063**
Consultant:	**OAKLEY POWER CONSTRUCTORS**	**Contact Person:**	**MARK FREEMAN**
Phone #:	**913 940-6296**	**FAX#:**	

LEGAL OWNER INFORMATION

Property Owner	**DU PONT**	**Responsible Party:**	**SAME AS OWNER**
Owner Address:	**PO BOX 1039**	**Address:**	
City/State/Zip:	**WILMINGTON, DE 19899**	**City/State/Zip:**	
Phone #:		**Phone#**	

Prior to any drilling construction or destruction of a well, requests for inspection appointment must be received 48 hours in advance (excluding weekends, holidays and Mandatory County Furlough Days) by faxing your written request to (925) 692-2504 or email to ehlu@hsd.cccounty.us. Voice mail messages are not acceptable.

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3. **THE WELL MUST BE OVERDRILLED THEN BACKFILLED WITH AN APPROVED GROUTING MATERIAL VIA TREMIE PIPE**

Final Approval by: _____ **Date:** _____

CONTRA COSTA
HEALTH SERVICES

CONTRA COSTA
ENVIRONMENTAL HEALTH DIVISION
2120 DIAMOND BOULEVARD, SUITE 200
CONCORD, CA 94520
(925) 692-2500
www.cocoeh.org

Well Permit

PR Number:	**45070**	**PE Number:**	**4368**
Date Received:	**31 AUGUST 2011**	**Permit Number:**	**11M-1482**

Permit Approved/Issued by: _____ **Date Issued: 08 SEPT 2011 Date Expires: 09 MARCH 2012**

Environmental Health Specialist

NEW WELL	( ) SOIL BORINGS	WELL ABANDONMENT BVP 110	REPAIR

The issuance of this permit by Contra Costa County Environmental Health Division does not guarantee a satisfactory and an indefinite operation of any well. Permit expires in 180 calendar days from date of approval. Permits are non-transferable, and can be suspended or revoked. If more time is required for the project, a time extension may be granted if reasons warrant it in writing.

PROJECT SITE INFORMATION

Site Address:	**BRIDGEHEAD RD, OAKLEY**		
APN:	**037 020 019**	**Lot/Parcel #:**	
Subdivision #:		**Minor Subdivision #:**	

DRILLER / CONSULTANT INFORMATION

Driller:	**DRILL TECH DRILLING**	**Contact Person:**	**SHANNON**
Phone #:	**925 978-2060**	**FAX#:**	**925 978-2063**
Consultant:	**OAKLEY POWER CONSTRUCTORS**	**Contact Person:**	**MARK FREEMAN**
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LEGAL OWNER INFORMATION

Property Owner	**DU PONT**	**Responsible Party:**	**SAME AS OWNER**
Owner Address:	**PO BOX 1039**	**Address:**	
City/State/Zip:	**WILMINGTON, DE 19899**	**City/State/Zip:**	
Phone #:		**Phone#**	

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1. Proper annular seals and surface construction features are to be installed and required water analyses completed within 30 days of commencing drilling.
2. Monitoring well/soil boring shall be destroyed pursuant to County regulations within 30 days of completing monitoring activities.
3. **THE WELL MUST BE OVERDRILLED THEN BACKFILLED WITH AN APPROVED GROUTING MATERIAL VIA TREMIE PIPE**

Final Approval by: _____ **Date:** _____

CCGS LLC
PO Box 1690
Danville, CA 94526

September 15, 2011

delivered via electronic mail

Mr. John Kopchik
East Contra Costa County Habitat Conservancy
Contra Costa County, Department of Conservation and Development
651 Pine Street, North Wing, 4th Floor
Martinez, CA 94553

SUBJECT: Oakley Generating Station (09-AFC-4C)
Participating Special Entity–Planning Survey Report to Comply with and Receive Permit Coverage under the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan (HCP/NCCP) – Addendum 1.0

Dear Mr. Kopchik:

Please find attached the Participating Special Entity –Planning Survey Report to Comply with and Receive Permit Coverage under the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan (HCP/NCCP) – Addendum 1.0 for the Oakley Generating Station (OGS) project.

The purpose of this filing is to request the East Contra Costa County Habitat Conservancy's approval to amend the Planning Survey Report (PSR) to address the following proposed changes to the OGS project description:

- Include an additional 4.64-acre temporary construction laydown/parking area adjacent to the OGS power block site.
- Include an additional 0.56-acre area between 5th Street and Stockpile 1, previously used as a truck wash station for the DuPont facility, for construction vehicle staging along the proposed access road.
- Remove four additional eucalyptus trees on the eastern edge of the power block site to allow construction of the permanent access road planned for that area.
- Trim the eucalyptus grove within the project boundary to allow room to grade and install the bioswales along the eucalyptus grove.
- Trim additional trees and possibly remove dead trees along the existing grove within the construction laydown area for worker safety.

In parallel with the Conservancy's review of the technical aspects of this Addendum, we would like to work with you on how best to amend the Participating Special Entity (PSE) Agreement to capture these revisions. We are thinking that a simple addendum to the PSE Agreement may work best. Please contact me at your soonest convenience with your thoughts regarding the most expeditious and least costly path to memorialize this Addendum.

If you have any questions regarding this submittal, please do not hesitate to contact me at (916) 799-9463 or Matt Trask at (916) 286-0335.

Sincerely,

Greg Lamberg
CCGS LLC
Senior Vice President

Attachment: PSR Addendum 1.0 for OGS (09-AFC-4C)

cc: Jim McLucas, CCGS LLC
Matt Trask, CH2M HILL
Rick Crowe, CH2M HILL
Craig Hoffman, CEC
Krystal Hinojosa, Conservancy

Participating Special Entity –Planning Survey Report to Comply with and Receive Permit Coverage under the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan – Addendum 1.0

for the

Oakley Generating Station

(09-AFC-4C)

Submitted to:

East Contra Costa County Habitat Conservancy

September 2011

Submitted by:

CCGS LLC

With Technical Assistance by:

CH2MHILL
2485 Natomas Park Drive
Suite 600
Sacramento, CA 95833

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Tables
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1, Rev 01 Revised Land Cover Type Acreages

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4, Rev 01 Transmission Tower Locations
5, Rev 01 Special-Status Species within the OGS Surey Area
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Attachment
Permanent and Temporary Fee Calculation Exhibits

Executive Summary

The purpose of this filing is to request the East Contra Costa County Habitat Conservancy's (Conservancy) approval to amend the Planning Survey Report (PSR) to address the following proposed changes to the Oakley Generating Station (OGS) project description:

- Include an additional 4.64-acre temporary construction laydown/parking area adjacent to the OGS power block site.
- Include an additional 0.56-acre area between 5th Street and Stockpile 1, previously used as a truck wash station for the DuPont facility, for construction vehicle staging along the proposed access road.
- Remove four additional eucalyptus trees on the eastern edge of the power block site to allow construction of the permanent access road planned for that area.
- Trim the eucalyptus grove within the project boundary to allow room to grade and install the bioswales along the eucalyptus grove.
- Trim additional trees and possibly remove dead trees along the existing grove within the construction laydown area for worker safety.

Tables revised as part of the proposed changes have been included in this addendum and a revision number has been added to identify that changes have been made. For example, Table I.1, Rev 01 presents a revised summary of acreages by project element.

TABLE I.1, REV 01
Summary of Acreages Involved in the Proposed Project by Project Element (Temporary, Permanent, Urban Habitat, and Exempt Acres)

Project Element	Permanent Disturbance (Acres)	Temporary Disturbance (Acres)	Paved/Urban Surfaces (Acres)	Exempt Acreage (Acres)	Total
Project Site	16.72	0.82	2.82	1.60	21.95
Construction Laydown Area	0.0	13.93	11.45	0.13	25.51
Soil Stockpile Area	0.0	5.00	2.22	0.0	7.22
Access Roads (DuPont Property)	0.0	0.21	2.01	0.0	2.22
T-Line ROW	0.0	18.15	4.20	0.18	22.53
T-Line Pull Sites Outside T-Line ROW	0.0	1.21	0.17	0.0	1.38
T-Line Access Roads Outside T-Line ROW	0.0	0.56	0.48	0.0	1.04
Force Main Sewer Line ROW	0.0	0.0	1.52	0.0	1.52
Total	**16.72**	**39.88**	**24.87**	**1.91**	**83.38**

Overall, the proposed modifications only affect the acreage totals for the project site, construction laydown area, and access roads. The permanent disturbance mitigation acreage only increases 0.02 acre to allow for the removal of trees within the existing groves in the project and construction laydown areas, and the temporary mitigation acreage for the project site, construction laydown area, and access roads would increase from 18.64 acres to 19.96 acres. The resulting mitigation requirement would increase the cost by $1,720.16, from $230,441.06 to $232,161.22.

SECTION 1

Proposed Modifications (PSR Section 1)

1.1 Background

On May 18, 2011, the California Energy Commission (CEC) approved and licensed the Oakley Generating Station (OGS), owned by Contra Costa Generating Station LLC (CCGS LLC). As part of the CEC Conditions of Certification, CCGS LLC also received permit coverage as a Participating Special Entity (PSE) under the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan (HCP/NCCP) on May 24, 2011, and was issued a Certificate of Inclusion on May 31, 2011.

The OGS will be a natural-gas-fired, combined-cycle electrical generating facility rated at a gross nominal generating capacity of 624 megawatts. The facility is located at 5950 Bridgehead Road in Oakley, on a 21.95-acre parcel that was formerly part of a larger 210-acre parcel owned by E. I. du Pont de Nemours and Company (DuPont). The project site is located at the western city limits of Oakley, adjacent to the eastern city limits of Antioch in Contra Costa County.

The project site is bounded on the west by the Pacific Gas and Electric Company (PG&E) Antioch Terminal, a large natural gas transmission hub; on the north by formerly industrial property belonging to DuPont that has been abandoned; on the east by DuPont's former titanium dioxide production area; and to the south by a vineyard and the Burlington Northern Santa Fe railroad. A small wetland area is located at the northwestern corner of the site.

The facility will tie into the regional electrical grid at the PG&E Contra Costa Substation in Antioch. Power will be transmitted to the grid through a 230-kilovolt (kV) connection to the substation, located 2.4 miles to the southwest of the OGS. The project will replace the existing 60-kV line, located within an existing 80-foot-wide PG&E easement, with a 230-kV line. Construction of the project is underway, and commercial operation is expected to commence in the summer of 2014.

1.2 Overview of Modifications

CCGS LLC proposes to amend the East Contra Costa County Habitat Conservancy (Conservancy) Planning Survey Report (PSR) to address the following proposed changes to the OGS project description:

- Include an additional 4.64-acre temporary construction laydown/parking area adjacent to the OGS power block site.
- Include an additional 0.56-acre area between 5th Street and Stockpile 1, previously used as a truck wash station for the DuPont facility, for construction vehicle staging along the proposed access road.

- Remove four additional eucalyptus trees on the eastern edge of the power block site to allow construction of the permanent access road planned for that area.
- Trim the eucalyptus grove within the project boundary to allow room to grade and install the bioswales along the eucalyptus grove.
- Trim additional trees and possibly remove dead trees along the existing grove within the construction laydown area for worker safety.

Figures revised as part of the proposed changes are included in this addendum, and a revision number is added to identify that changes have been made. Figures 1b, Rev 01; Figure 3a, Rev 01; Figure 4, Rev 01, Figure 5, Rev 01, and Figure 7, Rev 01 were updated to reflect the revised construction laydown and staging areas.

As shown in Figure 1b, Rev 01, the additional laydown area consists of a paved lot to the northeast of the OGS power block site, with the existing OGS laydown area adjacent to the south, and an access road designated as "5th Street" by the site's previous owner. It is approximately 4.6 acres in area, and will be used primarily for construction contractor employee parking. Much of the 5th Street access road is already included in the project's temporary impacts footprint as part of the haul route from the power block site to the stockpile areas. Another area proposed as part of this addendum is located between the proposed access route along 5th Street and Stockpile 1. This area was formerly used by DuPont as a truck wash station. The truck wash facilities have been removed, leaving only pavement and hard-packed gravel and dirt. This area is approximately 0.6 acres and would be used for staging vehicle movement along the proposed access route. The construction laydown and parking areas approved in the CEC Final Decision totaled 20.3 acres. The additional 5.2-acre area proposed for staging and parking increases the total construction laydown and parking area to 25.5 acres.

The four eucalyptus trees to be removed are near the northeast corner of the power block site. These trees were added to the list of trees identified in the OGS Application for Certification to allow construction of a permanent access road to the eastern portion of the power block site. The additional tree trimming would occur within an area that was previously excluded from the original PSR mitigation total, and the proposed changes would require the environmentally sensitive area (ESA) fencing be moved inside the dripline of the eucalyptus grove. However, the current plan is to only trim the side of the trees facing the bioswales from ground level to approximately 20 feet above grade.

The proposed modifications do not affect the soil stockpile, transmission line, transmission line pull tensioning sites, transmission line access roads, or the force main sewer line areas.

1.3 Proposed Project Description Modifications

1.3.1 Project Site

The proposed project site description and impact areas would be the same as the approved PSR with the exception of the areas associated with the proposed tree removal and tree-trimming activities. As previously discussed, removal of four additional eucalyptus trees is required to accommodate the original general arrangement, and trimming of the eucalyptus grove is required to allow room to grade and install the bioswales along the grove.

As identified in the approved PSR, areas protected by ESA fencing and silt fencing are typically exempted from mitigation fees. However, based on conversations with Conservancy staff, the tree removal activities have been categorized as permanent impacts and the tree-trimming activities have been categorized as temporary impacts.

The permanent mitigation acreage for the additional tree removal is assumed to be a 50-foot-wide clearance for the driveway identified in the general arrangement drawing. The estimated difference between the original PSR permanent non-native woodland mitigation total and the revised PSR total is approximately 0.01 acre. However, the permanent mitigation acreage for non-native woodland was increased from 0.08 to 0.10 acre to mitigate the removal of the four eucalyptus trees, as well as the potential removal of dead or dying trees within the existing construction laydown grove that may otherwise pose a safety risk to construction workers.

The non-native woodland acreage (i.e., 0.52 acre) within the ESA fencing on the project site has been re-categorized as temporary impacts (Table I.2b, Rev 01). Therefore, the total permanent impact area mitigation required for the project site would increase from 16.70 acres to 16.72 acres (Table I.2a, Rev 01) and the total temporary impact area mitigation requirement would increase from 0.30 acre to 0.82 acre (Table I.2b, Rev 01).

The entire project parcel would remain within Development Fee Zone I.

An additional nesting bird survey will be conducted immediately prior to the removal of the four eucalyptus trees, and the ESA fencing will be kept in place during the tree-trimming process to protect the remaining eucalyptus trees (Figure 3a, Rev 01).

Table I.2a, Rev 01
Permanent Project Impacts by Habitat Cover Category

Habitat Cover	Total Area (Acres)	Area Inside ESA Fencing (Acres)	Mitigation Acres Required	Fee Zone
Non-Native Woodland	0.10	0.0	0.10	I
Ruderal	2.68	0.0	2.68	I
Urban	2.82	0.0	0.0	I
Vineyard	13.94	0.0	13.94	I
Wetland E Conservation Easement	1.60	1.60	0.0	
Total (Fee Zone I)	**21.14**	**1.60**	**16.72**	

Table I.2.b, Rev 01
Temporary Project Area Impacts by Habitat Cover Category

Habitat Cover	Total Area (Acres)	Area Inside ESA Fencing (Acres)	Mitigation Acres Required*	Years of Disturbance (minimum is 2 years per guidelines)	Fee Zone
Ruderal	0.30	0.0	0.30	2	I
Non-Native Woodland	0.52	0.52	0.52	2	I
Total (Fee Zone I)	**0.82**	**0.52**	**0.82**	**2**	

*Although the non-native woodland area will be protected by ESA fencing, the tree trimming activities are categorized as temporary impacts and the total disturbance and recovery period is expected to be less than 2 years.

1.3.2 Construction Laydown Area

The additional construction laydown and parking areas will be located on the former DuPont manufacturing facility site (Figure 1b, Rev 01). The additional 4.64-acre construction laydown area is primarily a paved surface and is located east of the proposed project site and north of the existing construction laydown area. The area is categorized as "urban" with the exception of a row of mature eucalyptus trees present along the southern boundary of the paved area, which is categorized as "non-native woodland." With the exception of the potential removal of dead trees along the existing grove for worker safety, no tree removal is expected as part of the preparation of the additional construction laydown area, and ESA fencing will be installed around the row of eucalyptus trees prior to the use of this area (Figure 3a, Rev 01). The construction laydown area will be accessed via the proposed temporary entrance extending from Bridgehead Road, just south of the intersection of Bridgehead Road and Wilbur Avenue (Figure 3a, Rev 01).

An additional 0.56-acre area will be used for staging vehicle movement along the proposed access route. This area, between 5th Street and Stockpile 1, was formerly used by DuPont as a truck wash station. The truck wash facilities have been removed, leaving only pavement and hard-packed gravel and dirt. The area has been categorized as "urban." Use of this additional access area would eliminate the need for the access road that was previously part of the northern access route to Stockpile 1. The entire construction laydown parcel would remain within Development Fee Zone I and it is assumed the disturbance and recovery would occur over approximately 4 years.

To allow for the trimming of trees within the ESA fencing to promote safe working conditions for workers next to the grove, the 0.57-acre grove within the existing construction laydown area and the additional 0.23-acre grove within the proposed construction laydown area have been re-categorized as a temporary impact, and the total disturbance and recovery period has been conservatively estimated to be the same as the other construction laydown area impacts—approximately 4 years. The permanent impacts associated with the removal of dead or dying trees has been incorporated in the additional 0.02 acre of permanent impact identified in the project site total (Table I.2a, Rev 01)

Therefore, the proposed modifications would result in an overall increase in the temporary construction laydown area from 20.31 acres to 25.51 acres and the total temporary impact area mitigation requirement would increase from 13.13 acres to 13.93 acres. (Table I.3, Rev 01). Upon completion of the project, the paved surfaces will remain paved. The revised stormwater best management practices (BMPs) map for the proposed and existing construction laydown areas are included in Section 4.

Table I.3, Rev 01
Temporary Construction Laydown Area Impacts by Habitat Cover Category

Habitat Cover	Total Area (Acres)	Area Inside ESA Fencing (Acres)	Mitigation Acres Required*	Years of Disturbance (minimum is 2 years per guidelines)	Fee Zone
Non-Native Woodland	0.84	0.80	0.84	4	I
Ruderal	13.22	0.13	13.09	4	I
Urban	11.45	0.0	0.0	4	I
Total (Fee Zone I)	**25.51**	**0.93**	**13.93**	**4**	

*Although the non-native woodland area will be protected by ESA fencing, the trimming of trees is categorized as a temporary impact and the total disturbance and recovery period is estimated to be 4 years.

1.3.3 Soil Stockpile Areas and Access Roads

The proposed modifications to the project description do not include any changes to the soil stockpile areas.

As previously discussed, much of the 5th Street access road was already included in the project's temporary impacts footprint as part of the haul route from the power block site to the stockpile areas, and the additional area between 5th Street and Stockpile 1 would eliminate the need for the access road that was previously part of the northern access route to Stockpile 1. Therefore, the proposed modification to the temporary access roads would result in an overall decrease in the affected urban area from 2.33 acres to 2.01 acres. Despite the overall decrease, the mitigation total for the temporary access roads would remain 0.21 acre (Table I.4b, Rev 01). Upon completion of the project, the paved surfaces for the access roads will remain paved.

Table I.4b, Rev 01
Temporary Access Road Impacts by Habitat Cover Category (Access Roads on DuPont Property)

Habitat Cover	Total Area (Acres)	Area Inside ESA Fencing (Acres)	Mitigation Acres Required	Years of Disturbance (minimum is 2 years per guidelines)	Fee Zone
Ruderal	0.21	0.0	0.21	2	I
Urban	2.01	0.0	0.0	2	I
Total (Fee Zone I)	**2.22**	**0.0**	**0.21**	**2**	

SECTION 2

Land Cover Types (PSR Section II)

The only changes to the land cover types associated with the proposed modifications include the non-native woodland and the urban land cover types for the project site, laydown areas, and soil stockpile areas (Table 1, Rev 01). Therefore, only the acreage totals for these two categories have been updated in Table 1, Rev 01. The proposed modifications would increase the permanent non-native woodland impacts from 0.08 to 0.10 acre, while the mitigation total for the temporary impacts associated with the project site and construction laydown area would increase from 18.6 acres to 19.96 acres (Table 1, Rev 01).

The proposed modifications would not affect jurisdictional wetlands and waters nor would they change the species-specific planning survey requirements, including covered and no-take plants.

See updated Figure 3a, Rev 01, Land Cover Habitat Survey

Table 1, Rev 01
Revised Land Cover Type Acreages

Land Cover Type (acres, except where noted)	Impact Acres on the following segments of the Project: Project Site, Laydown Areas, and Soil Stockpile Areas		Impacts on the Electrical Transmission Line Route, Pull Sites, and Force Main	
	Acreage of Land to be "Permanently Disturbed" by Project[b]	Acreage of Land to be "Temporarily Disturbed" by Project[b]	Acreage of Land to be "Permanently Disturbed" by Project[b]	Acreage of Land to be "Temporarily Disturbed" by Project[b]
Other				
☒ Nonnative woodland	0.10-acres	1.36-acres	NA	NA
Developed*				
☒ Urban	2.8-acres	15.67-acres	NA	6.4-acres
Uncommon Vegetation Types (subtypes of above land cover types)				
TOTAL (*Developed acre types)	2.8-acres	15.67-acres	0.0-acres	6.4-acres
TOTAL (Acre to be impacted, minus the developed acre types)	16.72-acres	19.96-acres	0.0-acres	19.9-acres

SECTION 3

Preconstruction Survey Results for Selected Covered Wildlife (PSR Section III)

A preconstruction survey was conducted on August 16, 2011, by OGS Designated Biologist Rick Crowe. The additional 4.64-acre construction laydown area is composed of paved and graveled surfaces and is located east of the project site and north of the existing construction laydown area. A row of mature eucalyptus trees (*Eucalyptus sp.*) is present along the southern boundary of the paved area. This area provides marginal nesting habitat for avian species and no occupied nest sites were observed during this survey. Common bird species observed flying over the area consisted of mourning dove (*Streptopelia decaocto*), Eurasian collared dove (*Columba livia*), rock pigeon (*Sterna fosteri*), American crow (*Corvus brachyrhynchos*), and common raven (*Corvus corax*). No sign or observations of mammal species were observed. The additional 0.56-acre area between 5th Street and Stockpile 1 is graveled and no wildlife was observed in this area during the survey.

The proposed modifications would not alter the construction monitoring, avoidance, and minimization measures for selected covered species. Representative photos of the two areas are provided.

Photo of additional 4.64-acre construction laydown area facing east, 8/16/11.

Photo of 0.56-acre additional access route facing north (the "urban" Soil Stockpile 1 area is shown in the background), 8/16/11.

SECTION 4

Landscape and Natural Community-Level Avoidance and Minimization Measures (PSR Section IV)

4.1 HCP/NCCP Conservation Measure 1.10 Maintain Hydrologic Conditions and Minimize Erosion

Construction Laydown Area

Similar to much of the existing construction laydown and parking area, the additional parking and laydown area proposed as part of this addendum is also covered by existing concrete. As noted in the PSR, stormwater flows across the concrete, toward the north and east end of the pavement area and drains into an old asphalt swale that was part of the original DuPont stormwater system.

As part of the proposed modifications to the laydown area, a stormwater pollution prevention plan (SWPPP) amendment will also be prepared for submittal to the State Regional Water Quality Control Board. The proposed stormwater BMP revisions for the additional construction laydown and parking area SWPPP amendment are presented in Figure 7, Rev 1.

4.2 Various HCP/NCCP Conservation Measures

The proposed modifications would not alter the implementation of the following HCP/NCCP conservation measures listed in the March 2011 PSR:

- Conservation Measure 1.11 – Avoid Direct Impacts on Extremely Rare Plants, Fully Protected Wildlife Species, or Covered Migratory Birds
- Conservation Measure 1.7 – Establish Stream Setbacks
- Conservation Measure 2.12 – Wetland, Pond, and Stream Avoidance and Minimization
- Conservation Measure 1.6 – Minimize Development Footprint Adjacent to Open Space
- Conservation Measure 1.8 – Establish Fuel Management Buffer to Protect Preserves and Property
- Conservation Measure 1.9 – Incorporate Urban-Wildland Interface Design Elements
- Conservation Measure 1.12 – Implement Best Management Practices for Rural Road Maintenance

- Conservation Measure 1.13 – Implement Best Management Practices for Flood Control Facility Maintenance
- Conservation Measure 1.14 – Design Requirements for Covered Roads outside the Urban Development Area

SECTION 5

Mitigation Measures (PSR Section V)

The permanent project mitigation fee increased by $213.24, for a total of $178,271.15. The temporary mitigation fee increased by $1,506.92, for a total of $53,890.07. Therefore, the new total project mitigation fee would be $232,161.22. The permanent and temporary fee calculation exhibits are included as an attachment to this addendum.

Figures

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations

N

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Feet

FIGURE 1b - Rev 1
PROJECT LOCATION
Oakley Generating Station
Oakley, California

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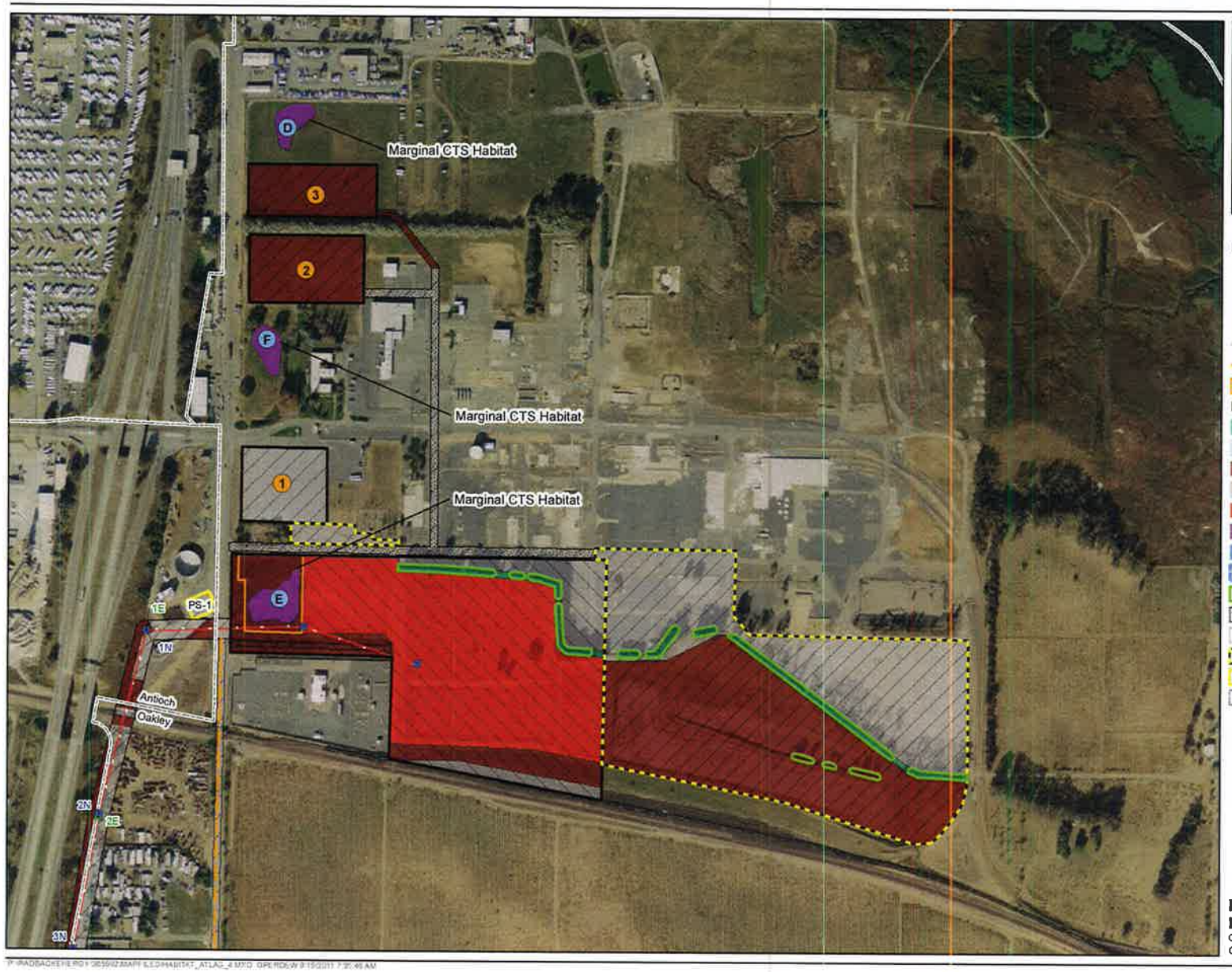
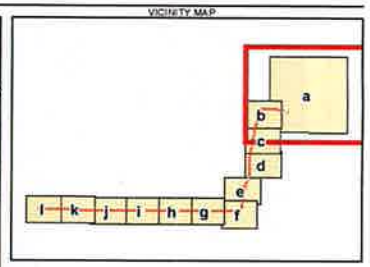


VICINITY MAP



LEGEND

- Existing 60 kV Tower Locations
- New 230 kV Tower Locations
- Existing 230 kV Tower Location (40' Extension to be Added)
- Proposed 230 kV Transmission Line
- Sanitary Sewer Force Main
- Wetland E Conservation Easement

Land Cover Habitat Survey

- Non-native Woodland
- Riparian
- Ruderal
- Urban
- Vineyard
- Wetland
- Water Edge
- GGS Upland Habitat (200FT Buffer)
- ESA Fencing
- Temporary Impacts
- Permanent Impacts
- Construction Laydown Area
- Pull Site
- City Limits

- Soil Stockpile Area
- Wetland Area

N

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Feet

Figure 3a Rev. 1
Land Cover Habitat Survey
Oakley Generating Station
Oakley, California

CH2MHILL

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations

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FIGURE 4 - Rev 1
TRANSMISSION TOWER LOCATIONS
Oakley Generating Station
Oakley, California

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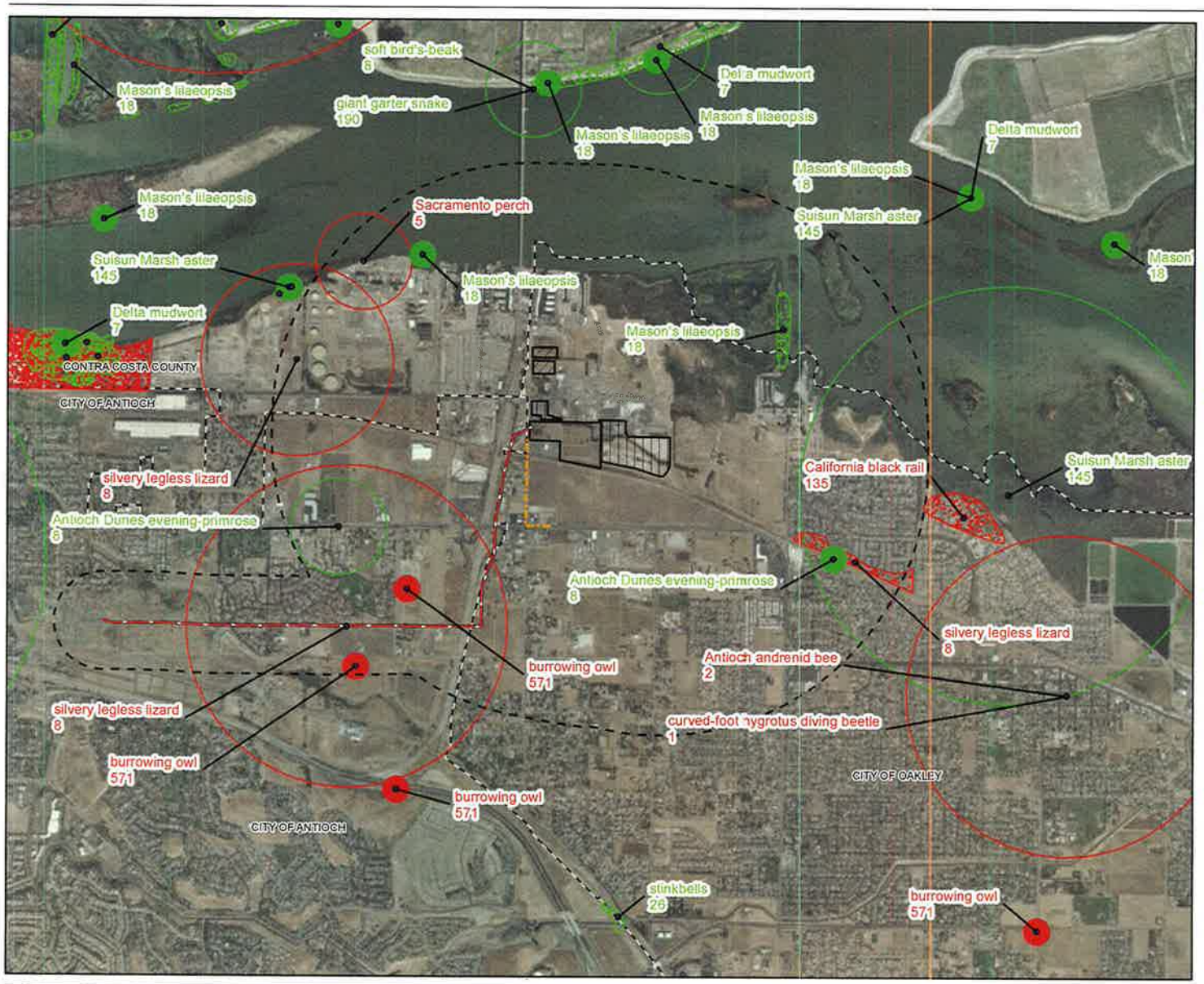

LEGEND

- EXISTING 60kV TRANSMISSION LINE
- SANITARY SEWER FORCE MAIN
- DIRT STOCKPILE AREAS
- LAYDOWN AREA
- PROJECT SITE
- CITY LIMITS
- BUFFER

CNDDB DATA MAY 2010

- PLANT (80m)
- PLANT (SPECIFIC)
- PLANT (NON-SPECIFIC)
- PLANT (CIRCULAR)
- ANIMAL (80m)
- ANIMAL (SPECIFIC)
- ANIMAL (NON-SPECIFIC)
- ANIMAL (CIRCULAR)

Notes
1. Source: California Dept. of Fish and Game, California Natural Diversity Database (CNDDB) May, 2010
2. 1 mile around Project Site, 1000 feet around existing Transmission Corridor.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

N

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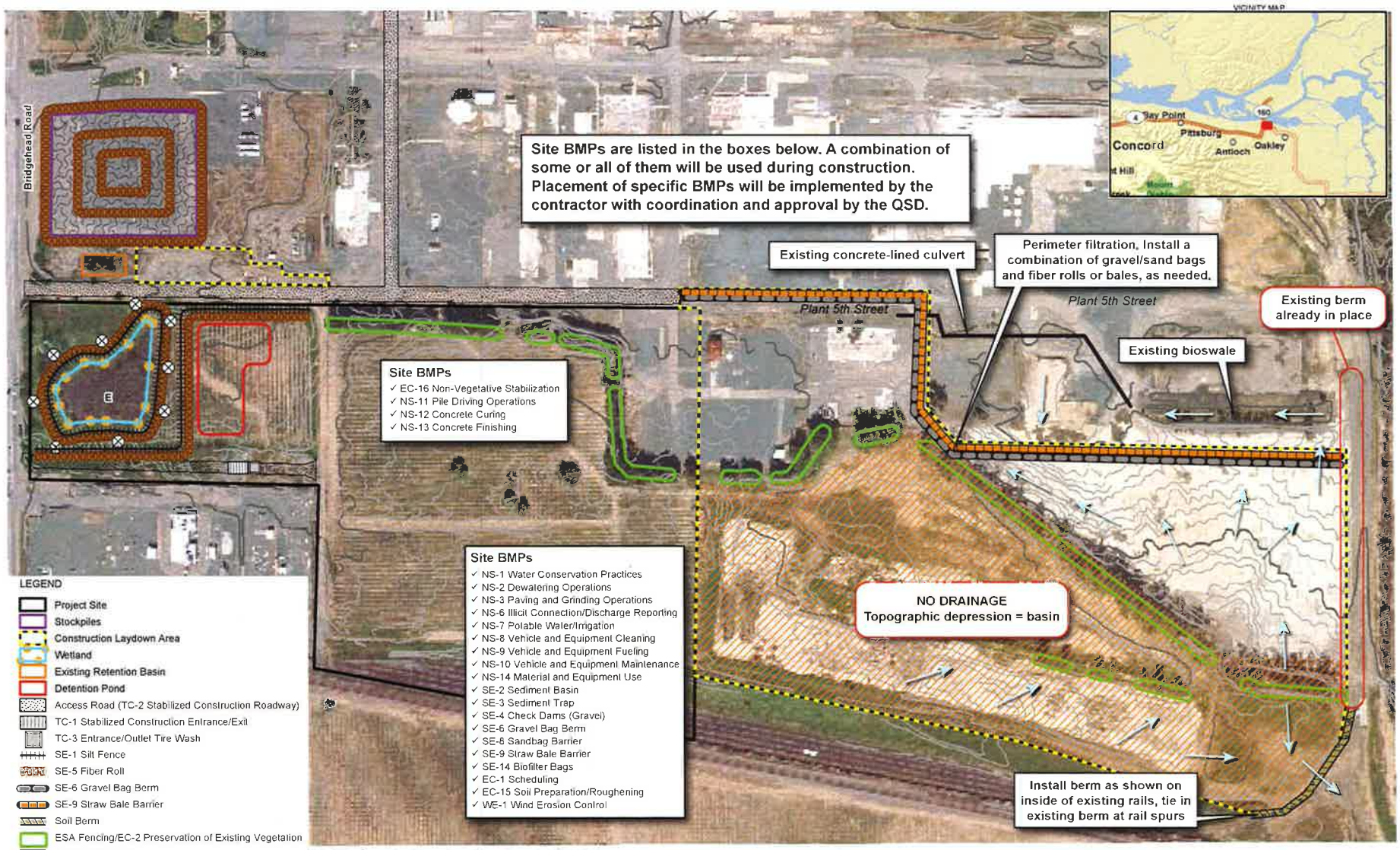
FIGURE 5 - Rev 1
SPECIAL-STATUS SPECIES WITHIN THE OGS SURVEY AREA
OAKLEY GENERATING STATION
OAKLEY, CALIFORNIA

CH2MHILL



Note: Watering or street sweeping will occur throughout the site for the duration of construction, as needed, for dust control.

Contractor may opt to use either straw bales or fiber roll as where shown.

FIGURE 7
Project Site and Laydown Area BMP Map - Rev 01
Oakley Generating Station
Oakley, California

CH2MHILL

Attachment
Permanent and Temporary
Fee Calculation Exhibits

Exhibit 1: HCP/NCCP FEE CALCULATOR WORKSHEET

PROJECT APPLICANT INFO:

Project Applicant: Contra Costa Generating Station LLC

Project Name: Oakley Generating Station

APN (s): 037-020-012; 2.4 Mile PG&E easement/right-of-way

Date: September 15, 2011 Jurisdiction: Participating Special Entity

DEVELOPMENT FEE (see appropriate ordinance or HCP/NCCP Figure 9-1 to determine Fee Zone)

	Acreage of land to be permanently disturbed (from Table 1)* Full Development Fee		Fee per Acre (subject to change on 3/15/12)		
Fee Zone 1	16.72	x	$10,662.15	=	$178,271.15
Fee Zone 2		x	$21,324.30	=	$0.00
Fee Zone 3		x	$5,331.52	=	$0.00
Fee Zone 4		x	$15,993.23		$0.00
			Development Fee Total		**$178,271.15**

****WETLAND MITIGATION FEE**

	Acreage of wetland		Fee per Acre (subject to change on 3/15/12)		
Riparian woodland / scrub		x	$64,570.30	=	$0.00
Perennial Wetland		x	$88,359.36	=	$0.00
Seasonal Wetland		x	$191,445.28	=	$0.00
Alkali Wetland		x	$181,249.97	=	$0.00
Ponds		x	$96,289.05	=	$0.00
Aquatic (open water)		x	$48,710.93	=	$0.00
Slough / Channel		x	$109,882.80	=	$0.00
Streams	**Linear Feet**				
Streams 25 Feet wide or less (Fee is per Linear Foot)		x	$526.42	=	$0.00
Streams greater than 25 feet wide (Fee is per Linear Foot)		x	$792.97	=	$0.00
			Wetland Mitigation Fee Total		**$0.00**

FEE REDUCTION

Development Fee reduction (authorized by Implementing Entity) for land in lieu of fee	
Development Fee reduction (up to 33%, but must be approved by Conservancy) for permanent assessments	
Wetland Mitigation Fee reduction (authorized by Implementing Entity) for wetland restoration/creation performed by applicant	
Reduction Total	$0.00

CALCULATE FINAL FEE

Development Fee Total	$178,271.15
Wetland Mitigation Fee Total +	$0.00
Fee Subtotal	$178,271.15
Contribution to Recovery +	$200,000.00
Complimentary Conservation Planning +	$100,000.00
See Exhibit 2 for Temporary Impact Fees	
TOTAL AMOUNT TO BE PAID (2011)	**$478,271.15**

* City/County Planning Staff will consult the land cover map in the Final HCP/NCCP and will reduce the acreage subject to the Development Fee by the acreage of the subject property that was identified in the Final HCP/NCCP as urban, turf, landfill or aqueduct land cover.

** Please Note: The Conservancy is currently conducting the periodic fee audit required by the HCP/NCCP which could result in further adjustment to some or all fees in 2011.

Template date: March 15, 2011

Exhibit 2: TEMPORARY IMPACT FEE CALCULATOR WORKSHEET

PROJECT APPLICANT INFO:

Project Applicant: Contra Costa Generating Station LLC

Project Name: Oakley Generating Staton

APN (s): 037-020-012; 2.4 mile PG&E easement/right-of-way

Date: September 15, 2011 Jurisdiction: Participating Special Entity

TEMPORARY IMPACT FEE (see appropriate ordinance or HCP/NCCP Figure 9-1 to determine Fee Zone)

	Acreage of land to be temporarily disturbed (from Table 1)*		Years of Disturbance (2 years is the minimum for ground-disturbing)			Fee per Acre (subject to change on 3/15/12)		
Fee Zone 1	6.03	x	2	/30	x	$10,662.15	=	$4,286.18
Fee Zone 1	3.86	x	3	/30	x	$10,662.15	=	$4,115.59
Fee Zone 1	13.93	x	4	/30	x	$10,662.15	=	$19,803.17
Fee Zone 4	16.06	x	3	/30	x	$15,993.23	=	$25,685.13
						Temporary Impact Fee Total		**$53,890.07**

TEMPORARY WETLAND MITIGATION FEE	Acreage of wetland	Yrs. Of Disturbance		Fee per Acre (subject to change on 3/15/11)		
Riparian woodland / scrub		5.00	x	$64,570.30	=	$ -
Perennial Wetland		2.00	x	$88,359.36	=	$ -
Seasonal Wetland		2.00	x	$191,445.28	=	$ -
Alkali Wetland		2.00	x	$181,249.97	=	$ -
Ponds		2.00	x	$96,289.05	=	$ -
Aquatic (open water)		2.00	x	$48,710.93	=	$ -
Slough / Channel		2.00	x	$109,882.80	=	$ -

Streams	Linear Feet					
Streams 25 Feet wide or less (Fee is per Linear Foot)	0.00	2.00	x	$526.42	=	$0.00
Streams greater than 25 feet wide (Fee is per Linear Foot)		2.00	x	$792.97	=	$0.00
				Wetland Mitigation Fee Total		$ -

FEE REDUCTION

Development Fee reduction (authorized by Implementing Entity) for land in lieu of fee	
Development Fee reduction (up to 33%, but must be approved by Conservancy) for permanent assessments	
Wetland Mitigation Fee reduction (authorized by Implementing Entity) for wetland restoration/creation performed by applicant	
Reduction Total	**$0.00**

CALCULATE FINAL TEMP IMPACT FEE

Development Fee Total	$53,890.07
Wetland Mitigation Fee Total +	$0.00
Fee Subtotal	$53,890.07
TOTAL TEMPORARY IMPACT FEES TO BE PAID	**$53,890.07**

* City/County Planning Staff will consult the land cover map in the Final HCP/NCCP and will reduce the acreage subject to the Development Fee by the acreage of the subject property that was identified in the Final HCP/NCCP as urban, turf, landfill or aqueduct land cover.

**Please Note: The Conservancy is currently conducting the periodic fee audit required by the HCP/NCCP which could result in further adjustment to some or all fees in 2011.

Template date: March 15, 2011

Permanent Impact Fee Table

Construction Segments	Impact Acreage Development Fee Zone					
	Fee Zone I	Cost per Acre ($10,662.15[1])	Acres of Developed Land Cover Types[2]	Fee Zone IV	Cost per Acre ($15,993.23[3])	Acres of Developed Land Cover Types[4]
Project Site	16.72	**$178,271.15**	2.8	0	$ -	0
Construction Laydown Area	0	$ -	0	0	$ -	0
Soil Stockpile Area	0	$ -	0	0	$ -	0
Access Roads (DuPont Property)	0	$ -	0	0	$ -	0
T-Line ROW	0	$ -	0	0	$ -	0
T-Line Pull Sites Outside T-Line ROW	0	$ -	0	0	$ -	0
T-Line Access Roads Outside T-Line ROW	0	$ -	0	0	$ -	0
Force Main Sewer Line ROW	0	$ -	0	0	$ -	0
Total	**16.72**	**$178,271.15**	**Exempt**	**None**	**$ -**	**Exempt**

[1] Based on the March 15, 2011 – March 14, 2012 Fee Schedule
[2] Developed Land Cover Types field verified as urban, aqueduct, non-native woodland, turf, and landfill.
[3] Based on the March 15, 2011 – March 14, 2012 Fee Schedule
[4] Developed Land Cover Types field verified as urban, aqueduct, non-native woodland, turf, and landfill.

Temporary Impact Fee Table

Construction Segments	Impact Acreage Development Fee Zone					
	Acres Impacted in Fee Zone I	Years of Disturbance (2 years is the minimum for ground-disturbing)	Estimated Cost (Acres*(Years of Disturbance/30)*$10,662.15/acre)	Acres Impacted in Fee Zone IV	Years of Disturbance (2 years is the minimum for ground-disturbing)	Estimated Cost (Acres*(Years of Disturbance/30)*$15,993.23.14/acre)
Project Site	0.82	2	$582.86	0.0	2	$0.00
Construction Laydown Area	13.93	4	$19,803.17	0.0	4	$0.00
Soil Stockpile Area	5.0	2	$3,554.05	0.0	2	$0.00
Access Roads (DuPont Property)	0.21	2	$149.27	0.0	2	$0.00
T-Line ROW	3.52	3	$3,753.08	14.63	3	$23,398.10
T-Line Pull Sites Outside T-Line ROW	0.33	3	$351.85	0.88	3	$1,407.40
T-Line Access Roads Outside T-Line ROW	0.01	3	$10.66	0.55	3	$879.63
Force Main Sewer Line ROW	0.0	2	$0.00	0	2	$0.00
Total	**23.8**		**$28,204.94**	**16.1**		**$25,685.13**

CCGS LLC
PO Box 1690
Danville, CA 94526

September 21, 2011

sent via electronic mail

Mr. John Kopchik
East Contra Costa County Habitat Conservancy
Contra Costa County, Department of Conservation and Development
651 Pine Street, North Wing, 4th Floor
Martinez, CA 94553

SUBJECT: Oakley Generating Station (09-AFC-4C)
Incorporation of Response to Comments Received September 16, 2011 on the "Participating Special Entity–Planning Survey Report to Comply with and Receive Permit Coverage under the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan (HCP/NCCP) – Addendum 1.0"

Dear Mr. Kopchik:

Please find attached the September 20, 2011 version of the Participating Special Entity –Planning Survey Report to Comply with and Receive Permit Coverage under the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan (HCP/NCCP) – Addendum 1.0 for the Oakley Generating Station (OGS) project. The attached version incorporates the response to comments received from the Conservancy on September 16, 2011.

If you have any questions regarding this submittal, please do not hesitate to contact me at (916) 799-9463 or Matt Trask at (916) 286-0335.

Sincerely,

Greg Lamberg
CCGS LLC
Senior Vice President

Attachment: PSR Addendum 1.0 for OGS (09-AFC-4C)

cc: Jim McLucas, CCGS LLC
Matt Trask, CH2M HILL
Rick Crowe, CH2M HILL
Craig Hoffman, CEC
Ann Crisp, CEC
Krystal Hinojosa, Conservancy

Participating Special Entity – Planning Survey Report to Comply with and Receive Permit Coverage under the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan – Addendum 1.0

for the

Oakley Generating Station

(09-AFC-4C)

Submitted to:

East Contra Costa County Habitat Conservancy

September 20, 2011

Submitted by:

CCGS LLC

With Technical Assistance by:

CH2MHILL
2485 Natomas Park Drive
Suite 600
Sacramento, CA 95833

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Executive Summary

The purpose of this filing is to request the East Contra Costa County Habitat Conservancy's (Conservancy) approval to amend the Planning Survey Report (PSR) to address the following proposed changes to the Oakley Generating Station (OGS) project description:

- Include an additional 4.64-acre temporary construction laydown/parking area adjacent to the OGS power block site.
- Include an additional 0.56-acre area between 5th Street and Stockpile 1 for construction vehicle staging. This area was previously used as a truck wash station for the DuPont facility.
- Remove four additional eucalyptus trees on the eastern edge of the power block site to allow construction of the permanent access road planned for that area.
- Trim the eucalyptus grove within the project boundary to allow room to grade and install the bioswales along the eucalyptus grove.
- Trim additional trees and possibly remove dead trees along the existing grove within the construction laydown area for worker safety.

Figure ES-1 presents the additional temporary construction laydown/parking, staging and access road areas, as well as the tree trimming and tree removal areas. Figure ES-1 also presents the reduced urban habitat acreage resulting from the proposed changes. Tables revised as part of the proposed changes have been included in this addendum and a revision number has been added to identify that changes have been made. For example, Table I.1, Rev 01 presents a revised summary of acreages by project element.

TABLE I.1, REV 01
Summary of Acreages Involved in the Proposed Project by Project Element (Temporary, Permanent, Urban Habitat, and Exempt Acres)

Project Element	Permanent Disturbance (Acres)	Temporary Disturbance (Acres)	Paved/Urban Surfaces (Acres)	Exempt Acreage (Acres)	Total
Project Site	16.72	0.82	2.82	1.60	21.95
Construction Laydown Area	0.0	13.93	11.45	0.13	25.51
Soil Stockpile Area	0.0	5.00	2.22	0.0	7.22
Access Roads (DuPont Property)	0.0	0.21	2.01	0.0	2.22
T-Line ROW	0.0	18.15	4.20	0.18	22.53
T-Line Pull Sites Outside T-Line ROW	0.0	1.21	0.17	0.0	1.38
T-Line Access Roads Outside T-Line ROW	0.0	0.56	0.48	0.0	1.04
Force Main Sewer Line ROW	0.0	0.0	1.52	0.0	1.52
Total	**16.72**	**39.88**	**24.87**	**1.91**	**83.38**

Overall, the proposed modifications only affect the acreage totals for the project site, construction laydown area, and access roads. The permanent disturbance mitigation acreage only increases 0.02 acre to allow for the removal of trees within the existing groves in the project and construction laydown areas, and the temporary mitigation acreage for the project site, construction laydown area, and access roads would increase from 18.64 acres to 19.96 acres. The resulting mitigation requirement would increase the cost by $1,720.16, from $230,441.06 to $232,161.22. Per discussions with Conservancy staff, the Contribution to Recovery fee was also increased by $1,720.16 from $200,000 to $201,720.16, though the Complimentary Conservation Planning fee did not change. Table ES-1 provides a summary of the original PSR fees and the additional fees associated with Addendum 1.0.

TABLE ES-1
Summary of East Contra Costa County HCP/NCCP Fees for the Oakley Generating Station

Project Element	Development Fee	Contribution to Recovery	Complimentary Conservation Planning	Temporary Impact Fee	Total
Original PSR	$178,057.91	$200,000.00	$100,000.00	$52,383.15	**$530,441.06**
Addendum 1.0	$213.24	$1,720.16	$0.00	$1,506.92	**$3,440.32**
Total	**$178,271.15**	**$201,720.16**	**$100,000.00**	**53,890.07**	**$533,881.38**

SECTION 1

Proposed Modifications (PSR Section I)

1.1 Background

On May 18, 2011, the California Energy Commission (CEC) approved and licensed the Oakley Generating Station (OGS), owned by Contra Costa Generating Station LLC (CCGS LLC). As part of the CEC Conditions of Certification, CCGS LLC also received permit coverage as a Participating Special Entity (PSE) under the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan (HCP/NCCP) on May 24, 2011, and was issued a Certificate of Inclusion on May 31, 2011.

As previously described in the original Planning Survey Report (PSR), the OGS will be a natural-gas-fired, combined-cycle electrical generating facility rated at a gross nominal generating capacity of 624 megawatts. The facility is located at 5950 Bridgehead Road in Oakley, on a 21.95-acre parcel that was formerly part of a larger 210-acre parcel owned by E. I. du Pont de Nemours and Company (DuPont). The project site is located at the western city limits of Oakley, adjacent to the eastern city limits of Antioch in Contra Costa County.

The project site is bounded on the west by the Pacific Gas and Electric Company (PG&E) Antioch Terminal, a large natural gas transmission hub; on the north by formerly industrial property belonging to DuPont that has been abandoned; on the east by DuPont's former titanium dioxide production area; and to the south by a vineyard and the Burlington Northern Santa Fe railroad. A small wetland area is located at the northwestern corner of the site.

The facility will tie into the regional electrical grid at the PG&E Contra Costa Substation in Antioch. Power will be transmitted to the grid through a 230-kilovolt (kV) connection to the substation, located 2.4 miles to the southwest of the OGS. The project will replace the existing 60-kV line, located within an existing 80-foot-wide PG&E easement, with a 230-kV line. Construction of the project is underway, and commercial operation is expected to commence in the summer of 2014.

The purpose of this filing is to request the East Contra Costa County Habitat Conservancy's (Conservancy) approval to amend the PSR to address the proposed changes to the OGS project description. The need for the proposed changes was not known to CCGS LLC at the time of the issuance of the PSE and Certificate of Inclusion for OGS. For instance, continued concern about the effect of construction traffic on the existing PG&E major gas pipelines underneath the main site access road revealed the need to establish a new parking/laydown area and a new temporary access road as an alternate route into the site. Onsite construction traffic flow would also be improved because construction worker traffic would no longer be required to pass through the project site on the way to the parking area. This would improve safety and reduce costs by allowing for a more efficient construction site.

A complete description of the proposed changes and the resulting impacts on the original PSE and Certificate of Inclusion are described in the following sections.

1.2 Overview of Modifications

CCGS LLC proposes to amend the Conservancy PSR to address the following proposed changes to the OGS project description:

- Include an additional 4.64-acre temporary construction laydown/parking area adjacent to the OGS power block site.
- Include an additional 0.56-acre area between 5th Street and Stockpile 1, previously used as a truck wash station for the DuPont facility, for construction vehicle staging along the proposed access road.
- Remove four additional eucalyptus trees on the eastern edge of the power block site to allow construction of the permanent access road planned for that area.
- Trim the eucalyptus grove within the project boundary to allow room to grade and install the bioswales along the eucalyptus grove.
- Trim additional trees and possibly remove dead trees along the existing grove within the construction laydown area for worker safety.

Figures revised as part of the proposed changes are included in this addendum, and a revision number is added to identify that changes have been made. Figures 1b, Rev 01; Figure 3a, Rev 01; Figure 4, Rev 01, Figure 5, Rev 01, and Figure 7, Rev 01 were updated to reflect the revised construction laydown and staging areas.

As shown in Figure 1b, Rev 01, the additional laydown area consists of a paved lot to the northeast of the OGS power block site, with the existing OGS laydown area adjacent to the south, and an access road designated as "5th Street" by the site's previous owner. It is approximately 4.6 acres in area, and will be used primarily for construction contractor employee parking. Much of the 5th Street access road is already included in the project's temporary impacts footprint as part of the haul route from the power block site to the stockpile areas. Another area proposed as part of this addendum is located between the proposed access route along 5th Street and Stockpile 1. This area was formerly used by DuPont as a truck wash station. The truck wash facilities have been removed, leaving only pavement and hard-packed gravel and dirt. This area is approximately 0.6 acres and would be used for staging vehicle movement along the proposed access route. The construction laydown and parking areas approved in the CEC Final Decision totaled 20.3 acres. The additional 5.2-acre area proposed for staging and parking increases the total construction laydown and parking area to 25.5 acres.

The four eucalyptus trees to be removed are near the northeast corner of the power block site. These trees were added to the list of trees identified in the OGS Application for Certification to allow construction of a permanent access road to the eastern portion of the power block site. The additional tree trimming would occur within an area that was previously excluded from the original PSR mitigation total, and the proposed changes would require the environmentally sensitive area (ESA) fencing be moved inside the dripline of the eucalyptus grove. However, the current plan is to only trim the side of the trees facing the bioswales from ground level to approximately 20 feet above grade.

The proposed modifications do not affect the soil stockpile, transmission line, transmission line pull tensioning sites, transmission line access roads, or the force main sewer line areas.

1.3 Proposed Project Description Modifications

1.3.1 Project Site

The proposed project site description and impact areas would be the same as the approved PSR with the exception of the areas associated with the proposed tree removal and tree-trimming activities. As previously discussed, removal of four additional eucalyptus trees is required to accommodate the original general arrangement, and trimming of the eucalyptus grove is required to allow room to grade and install the bioswales along the grove.

As identified in the approved PSR, areas protected by ESA fencing and silt fencing are typically exempted from mitigation fees. However, based on conversations with Conservancy staff, the tree removal activities have been categorized as permanent impacts and the tree-trimming activities have been categorized as temporary impacts.

The permanent mitigation acreage for the additional tree removal is assumed to be a 50-foot-wide clearance for the driveway identified in the general arrangement drawing. The estimated difference between the original PSR permanent non-native woodland mitigation total and the revised PSR total is approximately 0.01 acre. However, the permanent mitigation acreage for non-native woodland was increased from 0.08 to 0.10 acre to mitigate the removal of the four eucalyptus trees, as well as the potential removal of dead or dying trees within the existing construction laydown grove that may otherwise pose a safety risk to construction workers.

The non-native woodland acreage (i.e., 0.52 acre) within the ESA fencing on the project site has been re-categorized as temporary impacts (Table I.2b, Rev 01). Therefore, the total permanent impact area mitigation required for the project site would increase from 16.70 acres to 16.72 acres (Table I.2a, Rev 01) and the total temporary impact area mitigation requirement would increase from 0.30 acre to 0.82 acre (Table I.2b, Rev 01).

The entire project parcel would remain within Development Fee Zone I.

An additional nesting bird survey will be conducted immediately prior to the removal of the four eucalyptus trees, and the ESA fencing will be kept in place during the tree-trimming process to protect the remaining eucalyptus trees (Figure 3a, Rev 01).

Table I.2a, Rev 01
Permanent Project Impacts by Habitat Cover Category

Habitat Cover	Total Area (Acres)	Area Inside ESA Fencing (Acres)	Mitigation Acres Required	Fee Zone
Non-Native Woodland	0.10	0.0	0.10	I
Ruderal	2.68	0.0	2.68	I
Urban	2.82	0.0	0.0	I
Vineyard	13.94	0.0	13.94	I
Wetland E Conservation Easement	1.60	1.60	0.0	
Total (Fee Zone I)	**21.14**	**1.60**	**16.72**	

Table I.2.b, Rev 01
Temporary Project Area Impacts by Habitat Cover Category

Habitat Cover	Total Area (Acres)	Area Inside ESA Fencing (Acres)	Mitigation Acres Required*	Years of Disturbance (minimum is 2 years per guidelines)	Fee Zone
Ruderal	0.30	0.0	0.30	2	I
Non-Native Woodland	0.52	0.52	0.52	2	I
Total (Fee Zone I)	**0.82**	**0.52**	**0.82**	**2**	

*Although the non-native woodland area will be protected by ESA fencing, the tree trimming activities are categorized as temporary impacts and the total disturbance and recovery period is expected to be less than 2 years.

1.3.2 Construction Laydown Area

The additional construction laydown and parking areas will be located on the former DuPont manufacturing facility site (Figure 1b, Rev 01). The additional 4.64-acre construction laydown area is primarily a paved surface and is located east of the proposed project site and north of the existing construction laydown area. The area is categorized as "urban" with the exception of a row of mature eucalyptus trees present along the southern boundary of the paved area, which is 0.23 acre in area and is categorized as "non-native woodland." With the exception of the potential removal of dead trees along the existing grove for worker safety, no tree removal is expected as part of the preparation of the additional construction laydown area, and ESA fencing will be installed around the row of eucalyptus trees prior to the use of this area (Figure 3a, Rev 01). The construction laydown area will be accessed via the proposed temporary entrance extending from Bridgehead Road, just south of the intersection of Bridgehead Road and Wilbur Avenue (Figure 3a, Rev 01).

An additional 0.56-acre area will be used for staging vehicle movement along the proposed access route. This area, between 5th Street and Stockpile 1, was formerly used by DuPont as a truck wash station. The truck wash facilities have been removed, leaving only pavement and hard-packed gravel and dirt. The area has been categorized as "urban." Use of this additional access area would eliminate the need for the access road that was previously part of the northern access route to Stockpile 1. The entire construction laydown parcel would remain within Development Fee Zone I and it is assumed the disturbance and recovery would occur over approximately 4 years.

To allow for the trimming of trees within the ESA fencing to promote safe working conditions for workers next to the grove, the 0.57-acre grove within the existing construction laydown area and the additional 0.23-acre grove within the proposed construction laydown area have been re-categorized as a temporary impact, and the total disturbance and recovery period has been conservatively estimated to be the same as the other construction laydown area impacts—approximately 4 years. The permanent impacts associated with the removal of dead or dying trees has been incorporated in the additional 0.02 acre of permanent impact identified in the project site total (Table I.2a, Rev 01)

Therefore, the proposed modifications would result in an overall increase in the temporary construction laydown area from 20.31 acres to 25.51 acres and the total temporary impact area mitigation requirement would increase from 13.13 acres to 13.93 acres. (Table I.3, Rev 01). Upon completion of the project, the paved surfaces will remain paved. The revised

stormwater best management practices (BMPs) map for the proposed and existing construction laydown areas are included in Section 4.

Table I.3, Rev 01
Temporary Construction Laydown Area Impacts by Habitat Cover Category

Habitat Cover	Total Area (Acres)	Area Inside ESA Fencing (Acres)	Mitigation Acres Required*	Years of Disturbance (minimum is 2 years per guidelines)	Fee Zone
Non-Native Woodland	0.84	0.80	0.84	4	I
Ruderal	13.22	0.13	13.09	4	I
Urban	11.45	0.0	0.0	4	I
Total (Fee Zone I)	**25.51**	**0.93**	**13.93**	**4**	

*Although the non-native woodland area will be protected by ESA fencing, the trimming of trees is categorized as a temporary impact and the total disturbance and recovery period is estimated to be 4 years.

1.3.3 Soil Stockpile Areas and Access Roads

The proposed modifications to the project description do not include any changes to the soil stockpile areas. However, because the access roads were addressed under the soil stockpile heading in the original PSR, the access roads were included under the Section 1.3.3 heading and addressed in this section.

As previously discussed, much of the 5th Street access road was already included in the project's temporary impacts footprint as part of the haul route from the power block site to the stockpile areas, and the additional area between 5th Street and Stockpile 1 would eliminate the need for the access road that was previously part of the northern access route to Stockpile 1. Therefore, the proposed modification to the temporary access roads would result in an overall decrease in the affected urban area from 2.33 acres to 2.01 acres. Despite the overall decrease, the mitigation total for the temporary access roads would remain 0.21 acre (Table I.4b, Rev 01). Upon completion of the project, the paved surfaces for the access roads will remain paved.

Table I.4b, Rev 01
Temporary Access Road Impacts by Habitat Cover Category (Access Roads on DuPont Property)

Habitat Cover	Total Area (Acres)	Area Inside ESA Fencing (Acres)	Mitigation Acres Required	Years of Disturbance (minimum is 2 years per guidelines)	Fee Zone
Ruderal	0.21	0.0	0.21	2	I
Urban	2.01	0.0	0.0	2	I
Total (Fee Zone I)	**2.22**	**0.0**	**0.21**	**2**	

SECTION 2

Land Cover Types (PSR Section II)

The only changes to the land cover types associated with the proposed modifications include the non-native woodland and the urban land cover types for the project site, laydown areas, and soil stockpile areas (Table 1, Rev 01). Therefore, only the acreage totals for these two categories have been updated in Table 1, Rev 01.

Because the urban acreage is not included in the calculation of the total impacted acres, only the additional 0.02 acre of non-native woodland habitat would add to the overall permanently impacted acreage from 16.70 acres to 16.72 acres. The proposed modifications would also increase the temporarily impacted non-native woodland acreage by 1.32 acre, for an overall increase in temporarily impacted acreage from 18.6 acres to 19.96 acres (Table 1, Rev 01).

The proposed modifications would not affect jurisdictional wetlands and waters nor would they change the species-specific planning survey requirements, including covered and no-take plants.

See updated Figure 3a, Rev 01, Land Cover Habitat Survey

Table 1, Rev 01
Revised Land Cover Type Acreages

Land Cover Type (acres, except where noted)	Impact Acres on the following segments of the Project: Project Site, Laydown Areas, and Soil Stockpile Areas		Impacts on the Electrical Transmission Line Route, Pull Sites, and Force Main	
	Acreage of Land to be "Permanently Disturbed" by Project[b]	Acreage of Land to be "Temporarily Disturbed" by Project[b]	Acreage of Land to be "Permanently Disturbed" by Project[b]	Acreage of Land to be "Temporarily Disturbed" by Project[b]
Other				
☒ Nonnative woodland	0.10-acres	1.36-acres	NA	NA
Developed*				
☒ Urban	2.8-acres	15.67-acres	NA	6.4-acres
Uncommon Vegetation Types (subtypes of above land cover types)				
TOTAL (*Developed acre types)	2.8-acres	15.67-acres	0.0-acres	6.4-acres
TOTAL (Acre to be impacted, minus the developed acre types)	16.72-acres	19.96-acres	0.0-acres	19.9-acres

SECTION 3

Preconstruction Survey Results for Selected Covered Wildlife (PSR Section III)

A preconstruction survey of the 4.64-acre laydown/parking area and 0.56-acre staging area was conducted on August 16, 2011, by OGS Designated Biologist Rick Crowe. The additional 4.64-acre construction laydown area is composed of paved and graveled surfaces and is located east of the project site and north of the existing construction laydown area. A row of mature eucalyptus trees (*Eucalyptus sp.*) is present along the southern boundary of the paved area. This area provides marginal nesting habitat for avian species and no occupied nest sites were observed during this survey. Common bird species observed flying over the area consisted of mourning dove (*Streptopelia decaocto*), Eurasian collared dove (*Columba livia*), rock pigeon (*Sterna fosteri*), American crow (*Corvus brachyrhynchos*), and common raven (*Corvus corax*). No sign or observations of mammal species were observed. The additional 0.56-acre area between 5th Street and Stockpile 1 is graveled and no wildlife was observed in this area during the survey.

An additional nesting bird survey will be conducted immediately prior to the tree-trimming work and the removal of the four eucalyptus trees.

The proposed modifications would not alter the construction monitoring, avoidance, and minimization measures for selected covered species. Representative photos of the two areas are provided.

Photo of additional 4.64-acre construction laydown area facing east, 8/16/11.

Photo of 0.56-acre additional access route facing north (the "urban" Soil Stockpile 1 area is shown in the background), 8/16/11.

SECTION 4

Landscape and Natural Community-Level Avoidance and Minimization Measures (PSR Section IV)

4.1 HCP/NCCP Conservation Measure 1.10 Maintain Hydrologic Conditions and Minimize Erosion

Construction Laydown Area

Similar to much of the existing construction laydown and parking area, the additional parking and laydown area proposed as part of this addendum is also covered by existing concrete. As noted in the PSR, stormwater flows across the concrete, toward the north and east end of the pavement area and drains into an old asphalt swale that was part of the original DuPont stormwater system.

As part of the proposed modifications to the laydown area, a stormwater pollution prevention plan (SWPPP) amendment will also be prepared for submittal to the State Regional Water Quality Control Board. The proposed stormwater BMP revisions for the additional construction laydown and parking area SWPPP amendment are presented in Figure 7, Rev 1.

4.2 Various HCP/NCCP Conservation Measures

The proposed modifications would not alter the implementation of the following HCP/NCCP conservation measures listed in the March 2011 PSR:

- Conservation Measure 1.11 – Avoid Direct Impacts on Extremely Rare Plants, Fully Protected Wildlife Species, or Covered Migratory Birds
- Conservation Measure 1.7 – Establish Stream Setbacks
- Conservation Measure 2.12 – Wetland, Pond, and Stream Avoidance and Minimization
- Conservation Measure 1.6 – Minimize Development Footprint Adjacent to Open Space
- Conservation Measure 1.8 – Establish Fuel Management Buffer to Protect Preserves and Property
- Conservation Measure 1.9 – Incorporate Urban-Wildland Interface Design Elements
- Conservation Measure 1.12 – Implement Best Management Practices for Rural Road Maintenance

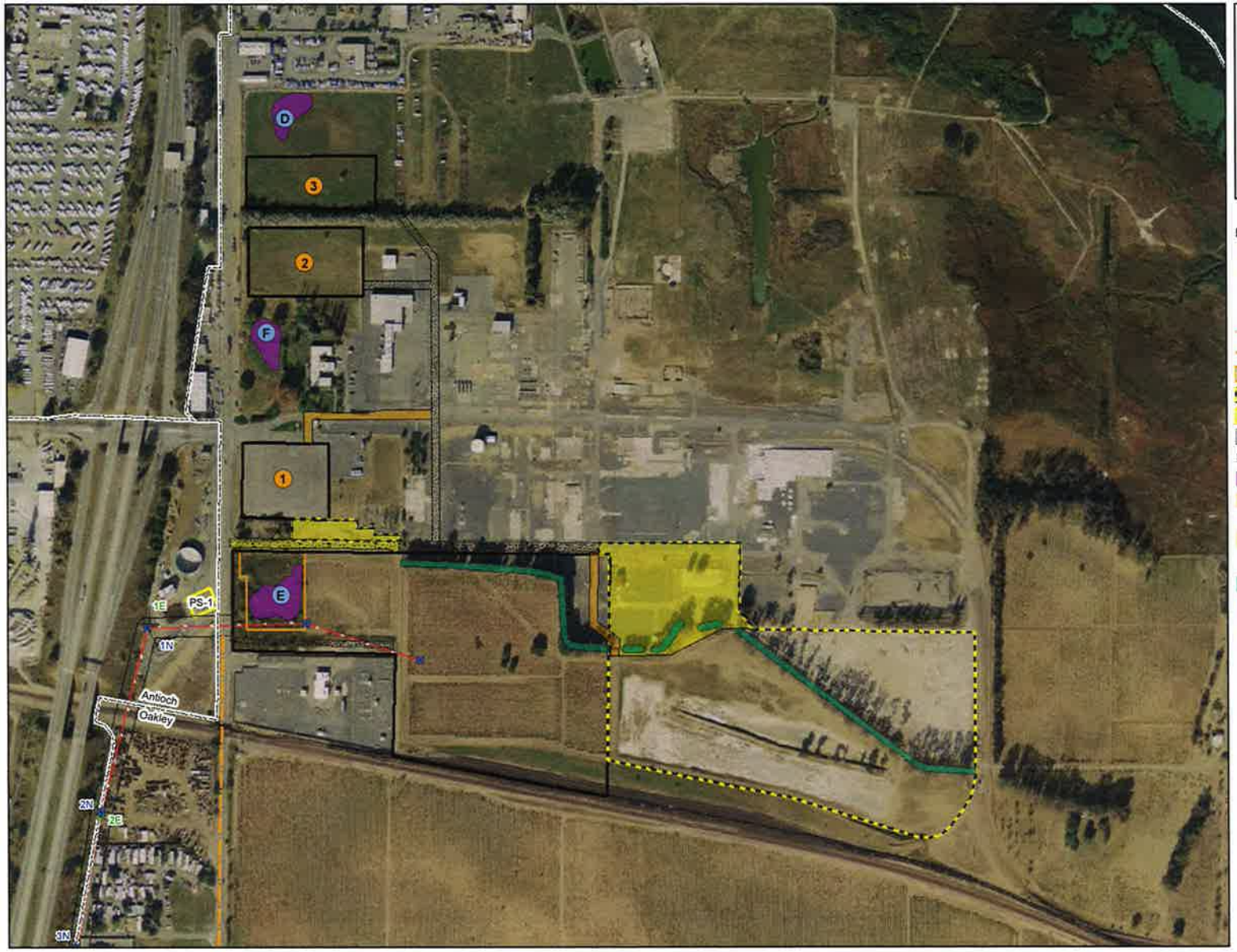
- Conservation Measure 1.13 – Implement Best Management Practices for Flood Control Facility Maintenance
- Conservation Measure 1.14 – Design Requirements for Covered Roads outside the Urban Development Area

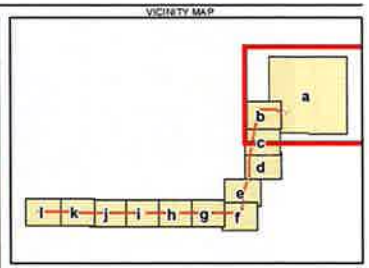
SECTION 5

Mitigation Measures (PSR Section V)

The permanent project mitigation fee increased by $213.24, for a total of $178,271.15. The temporary mitigation fee increased by $1,506.92, for a total of $53,890.07. Therefore, the new total project mitigation fee would be $232,161.22. Per discussions with Conservancy staff, the Contribution to Recovery fee was also increased by $1,720.16 from $200,000 to $201,720.16, though the Complimentary Conservation Planning fee did not change. The permanent and temporary fee calculation exhibits are included as an attachment to this addendum.

Figures





LEGEND

- Existing 60 kV Tower Locations
- New 230 kV Tower Locations
- Existing 230 kV Tower Location (40' Extension to be Added)
- Proposed 230 kV Transmission Line
- Sanitary Sewer Force Main
- Wetland E Conservation Easement
- Construction Laydown Area
- Pull Site
- City Limits

Land Cover Habitat Survey

- Wetland
- Reduced Urban Habitat Acreage
- Additional Temporary Construction Laydown, Staging, and Access Road Areas
- Areas of Tree Trimming and Tree Removal
- Soil Stockpile Area
- Wetland Area

N

0 50 100 200
Feet

Figure ES-1
Revised OGS Project Area
Oakley Generating Station
Oakley, California

CH2MHILL

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This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations

N

0 1,000 2,000

Feet

FIGURE 1b - Rev 1
PROJECT LOCATION
Oakley Generating Station
Oakley, California

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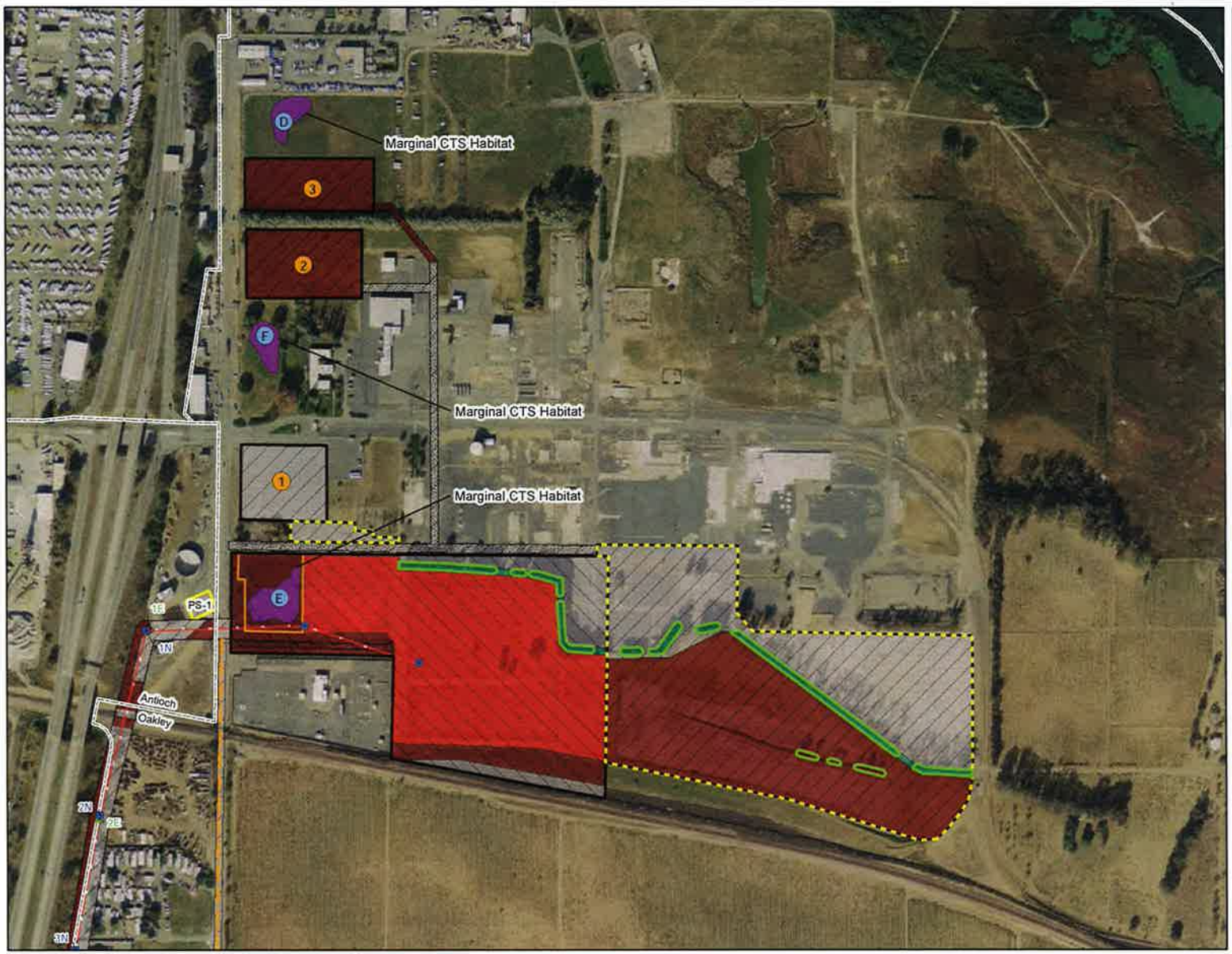
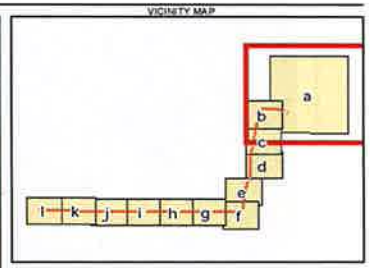


VICINITY MAP



LEGEND

- Existing 60 kV Tower Locations
- New 230 kV Tower Locations
- Existing 230 kV Tower Location (40' Extension to be Added)
- Proposed 230 kV Transmission Line
- Sanitary Sewer Force Main
- Wetland E Conservation Easement

Land Cover Habitat Survey

- Non-native Woodland
- Riparian
- Ruderal
- Urban
- Vineyard
- Wetland
- Water Edge
- GGS Upland Habitat (200FT Buffer)
- ESA Fencing
- Temporary Impacts
- Permanent Impacts
- Construction Laydown Area
- Pull Site
- City Limits

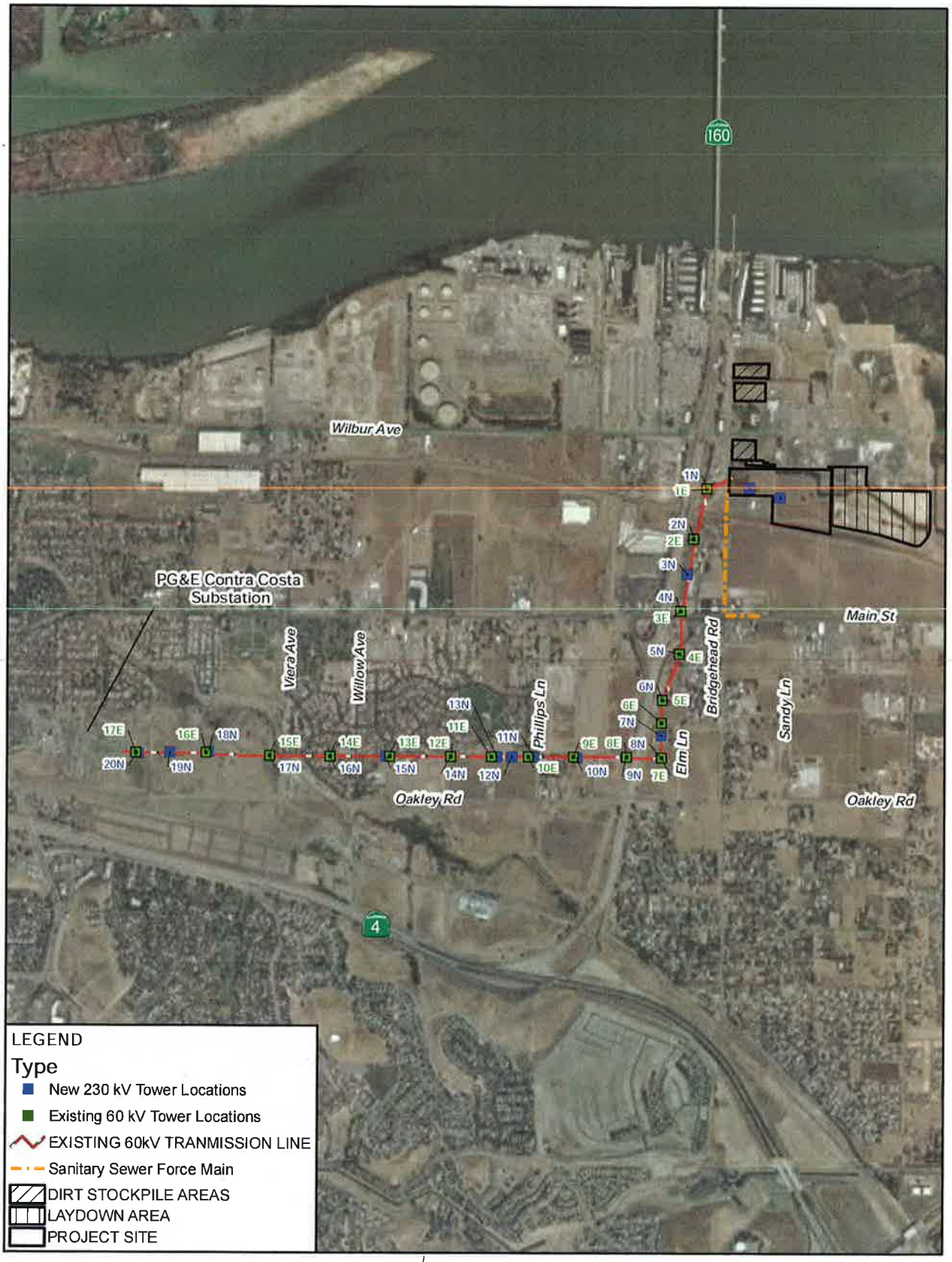
- Soil Stockpile Area
- Wetland Area

N

0 50 100 200
Feet

Figure 3a Rev. 1
Land Cover Habitat Survey
Oakley Generating Station
Oakley, California

CH2MHILL



This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations

N

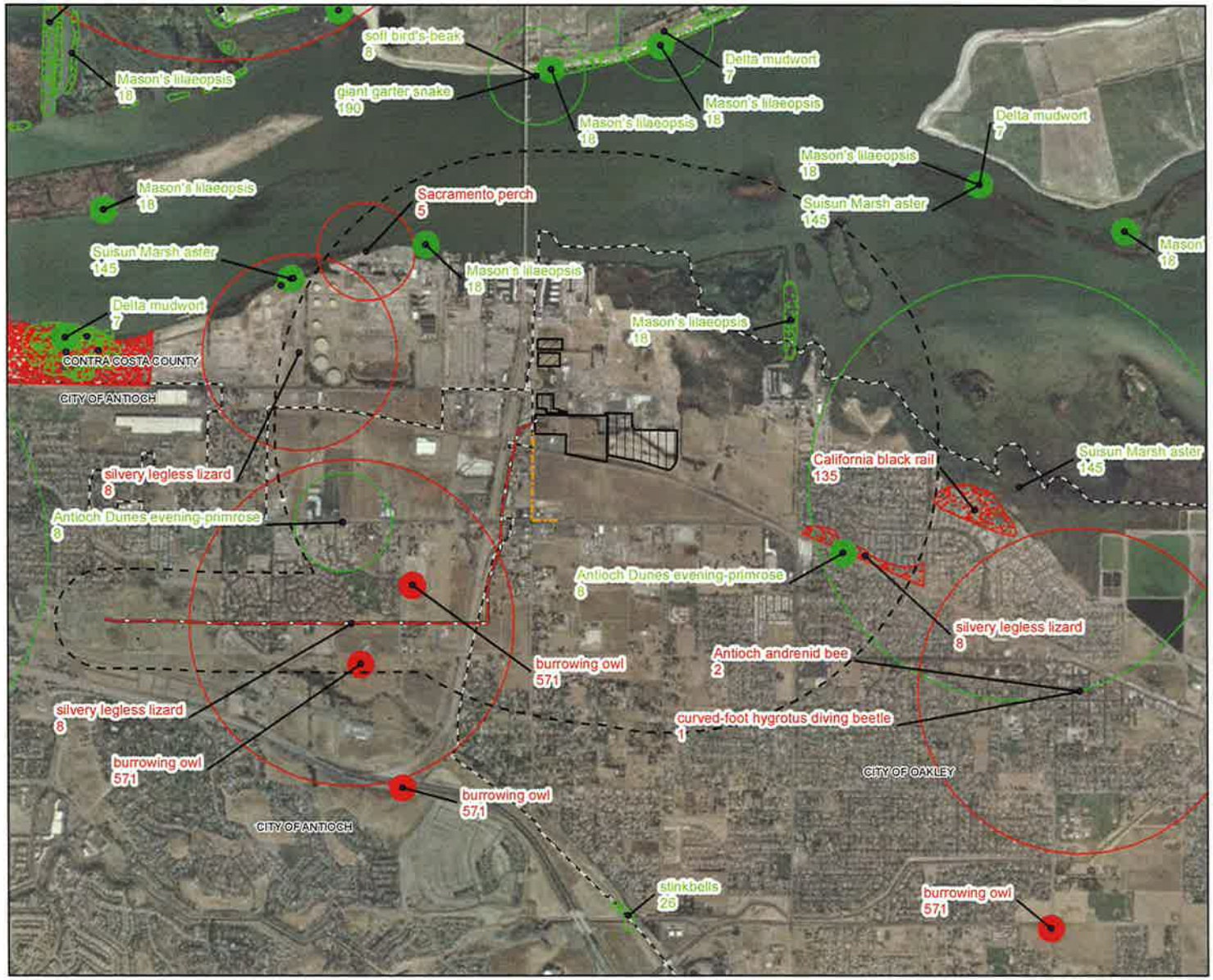
0 1,000 2,000
Feet

FIGURE 4 - Rev 1
TRANSMISSION TOWER LOCATIONS

Oakley Generating Station
Oakley, California

CH2MHILL

SAC\ZION\SAC\GIS\PROJ\RADBACKENERGY\385962\MAPFILES\INTERCONNECTION_TLINE.MXD MHASKELL 8/12/2009 12:18:17



LEGEND

- EXISTING 60kV TRANSMISSION LINE
- SANITARY SEWER FORCE MAIN
- DIRT STOCKPILE AREAS
- LAYDOWN AREA
- PROJECT SITE
- CITY LIMITS
- BUFFER

CNDDB DATA MAY 2010

- PLANT (80m)
- PLANT (SPECIFIC)
- PLANT (NON-SPECIFIC)
- PLANT (CIRCULAR)
- ANIMAL (80m)
- ANIMAL (SPECIFIC)
- ANIMAL (NON-SPECIFIC)
- ANIMAL (CIRCULAR)

Notes:
1. Source: California Dept. of Fish and Game, California Natural Diversity Database (CNDDB) May, 2010.
2. 1 mile around Project Site, 1000 feet around existing Transmission Corridor.

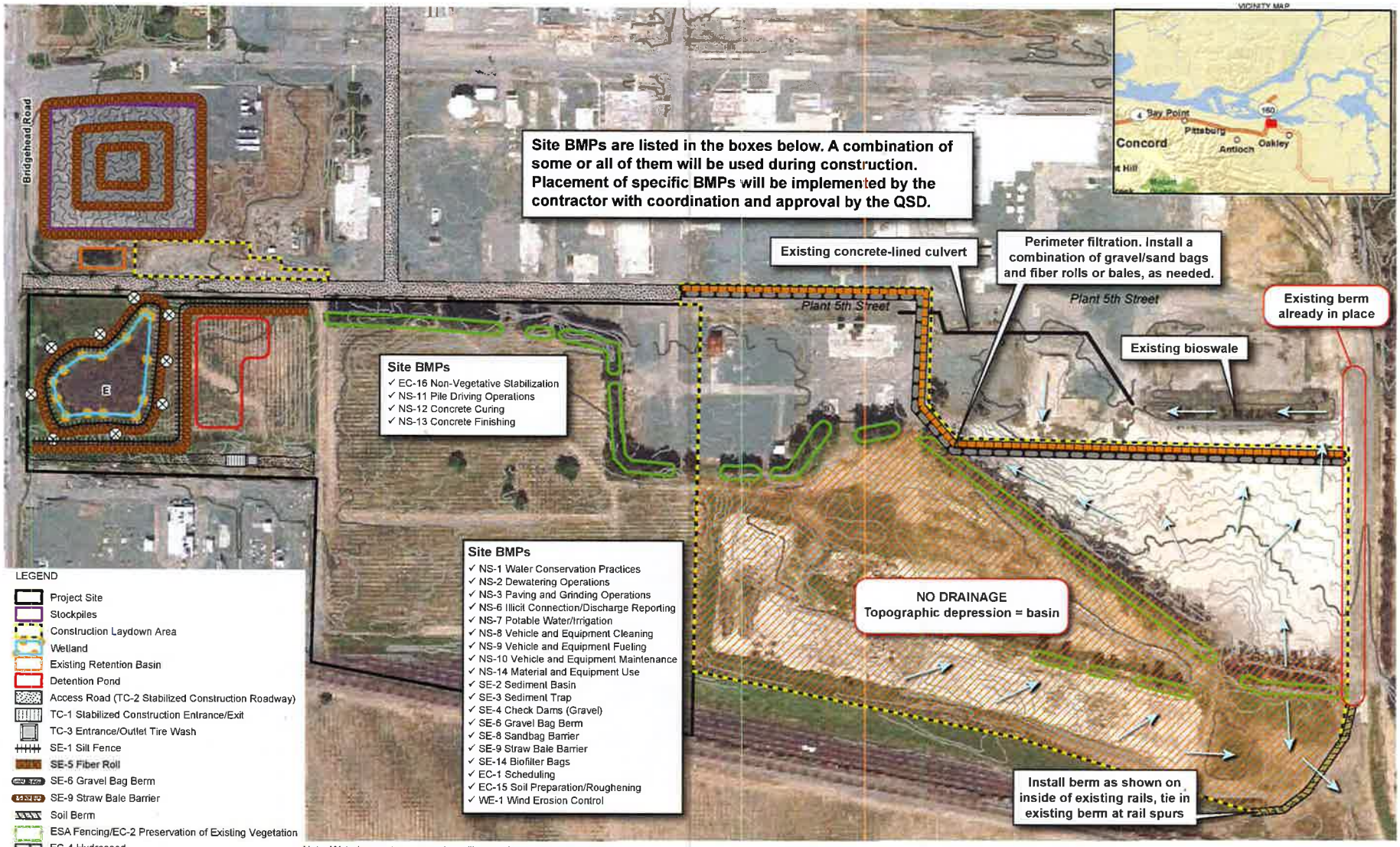
This map was compiled from various water survey data and maps and is deemed for use as only an approximate representation of actual location.

N

0 1,000 2,000
Feet

FIGURE 5 - Rev 1
SPECIAL-STATUS SPECIES WITHIN THE OGS SURVEY AREA
OAKLEY GENERATING STATION
OAKLEY, CALIFORNIA

CH2MHILL



Note: Watering or street sweeping will occur throughout the site for the duration of construction, as needed, for dust control.

Contractor may opt to use either straw bales or fiber roll as where shown.

FIGURE 7
Project Site and Laydown Area BMP Map - Rev 01
Oakley Generating Station
Oakley, California

CH2MHILL

Attachment
Permanent and Temporary
Fee Calculation Exhibits

Exhibit 1: HCP/NCCP FEE CALCULATOR WORKSHEET

PROJECT APPLICANT INFO:

Project Applicant: Contra Costa Generating Station LLC

Project Name: Oakley Generating Station

APN (s): 037-020-012; 2.4 Mile PG&E easement/right-of-way

Date: September 20, 2011 Jurisdiction: Participating Special Entity

DEVELOPMENT FEE (see appropriate ordinance or HCP/NCCP Figure 9-1 to determine Fee Zone)

	Acreage of land to be permanently disturbed (from Table 1)* Full Development Fee		Fee per Acre (subject to change on 3/15/12)		
Fee Zone 1	16.72	x	$10,662.15	=	$178,271.15
Fee Zone 2		x	$21,324.30	=	$0.00
Fee Zone 3		x	$5,331.52	=	$0.00
Fee Zone 4		x	$15,993.23		$0.00
			Development Fee Total		**$178,271.15**

****WETLAND MITIGATION FEE**

	Acreage of wetland		Fee per Acre (subject to change on 3/15/12)		
Riparian woodland / scrub		x	$64,570.30	=	$0.00
Perennial Wetland		x	$88,359.36	=	$0.00
Seasonal Wetland		x	$191,445.28	=	$0.00
Alkali Wetland		x	$181,249.97	=	$0.00
Ponds		x	$96,289.05	=	$0.00
Aquatic (open water)		x	$48,710.93	=	$0.00
Slough / Channel		x	$109,882.80	=	$0.00
Streams	**Linear Feet**				
Streams 25 Feet wide or less (Fee is per Linear Foot)		x	$526.42	=	$0.00
Streams greater than 25 feet wide (Fee is per Linear Foot)		x	$792.97	=	$0.00
			Wetland Mitigation Fee Total		**$0.00**

FEE REDUCTION

Development Fee reduction (authorized by Implementing Entity) for land in lieu of fee	
Development Fee reduction (up to 33%, but must be approved by Conservancy) for permanent assessments	
Wetland Mitigation Fee reduction (authorized by Implementing Entity) for wetland restoration/creation performed by applicant	
Reduction Total	**$0.00**

CALCULATE FINAL FEE

Development Fee Total	$178,271.15
Wetland Mitigation Fee Total +	$0.00
Fee Subtotal	$178,271.15
Contribution to Recovery +	$201,720.16
Complimentary Conservation Planning +	$100,000.00
See Exhibit 2 for Temporary Impact Fees	
TOTAL AMOUNT TO BE PAID (2011)	**$479,991.31**

* City/County Planning Staff will consult the land cover map in the Final HCP/NCCP and will reduce the acreage subject to the Development Fee by the acreage of the subject property that was identified in the Final HCP/NCCP as urban, turf, landfill or aqueduct land cover.

** Please Note: The Conservancy is currently conducting the periodic fee audit required by the HCP/NCCP which could result in further adjustment to some or all fees in 2011.

Template date: March 15, 2011

Exhibit 2: TEMPORARY IMPACT FEE CALCULATOR WORKSHEET

PROJECT APPLICANT INFO:

Project Applicant: Contra Costa Generating Station LLC

Project Name: Oakley Generating Staton

APN (s): 037-020-012; 2.4 mile PG&E easement/right-of-way

Date: September 20, 2011 Jurisdiction: Participating Special Entity

TEMPORARY IMPACT FEE (see appropriate ordinance or HCP/NCCP Figure 9-1 to determine Fee Zone)

	Acreage of land to be temporarily disturbed (from Table 1)*		Years of Disturbance (2 years is the minimum for ground-disturbing)			Fee per Acre (subject to change on 3/15/12)		
Fee Zone 1	6.03	x	2	/30	x	$10,662.15	=	$4,286.18
Fee Zone 1	3.86	x	3	/30	x	$10,662.15	=	$4,115.59
Fee Zone 1	13.93	x	4	/30	x	$10,662.15	=	$19,803.17
Fee Zone 4	16.06	x	3	/30	x	$15,993.23	=	$25,685.13
						Temporary Impact Fee Total		**$53,890.07**

TEMPORARY WETLAND MITIGATION FEE	Acreage of wetland	Yrs. Of Disturbance		Fee per Acre (subject to change on 3/15/11)		
Riparian woodland / scrub		5.00	x	$64,570.30	=	$ -
Perennial Wetland		2.00	x	$88,359.36	=	$ -
Seasonal Wetland		2.00	x	$191,445.28	=	$ -
Alkali Wetland		2.00	x	$181,249.97	=	$ -
Ponds		2.00	x	$96,289.05	=	$ -
Aquatic (open water)		2.00	x	$48,710.93	=	$ -
Slough / Channel		2.00	x	$109,882.80	=	$ -

Streams	Linear Feet					
Streams 25 Feet wide or less (Fee is per Linear Foot)	0.00	2.00	x	$526.42	=	$0.00
Streams greater than 25 feet wide (Fee is per Linear Foot)		2.00	x	$792.97	=	$0.00
				Wetland Mitigation Fee Total		$ -

FEE REDUCTION

Development Fee reduction (authorized by Implementing Entity) for land in lieu of fee	
Development Fee reduction (up to 33%, but must be approved by Conservancy) for permanent assessments	
Wetland Mitigation Fee reduction (authorized by Implementing Entity) for wetland restoration/creation performed by applicant	
Reduction Total	$0.00

CALCULATE FINAL TEMP IMPACT FEE

Development Fee Total	$53,890.07
Wetland Mitigation Fee Total +	$0.00
Fee Subtotal	$53,890.07
TOTAL TEMPORARY IMPACT FEES TO BE PAID	**$53,890.07**

* City/County Planning Staff will consult the land cover map in the Final HCP/NCCP and will reduce the acreage subject to the Development Fee by the acreage of the subject property that was identified in the Final HCP/NCCP as urban, turf, landfill or aqueduct land cover.

**Please Note: The Conservancy is currently conducting the periodic fee audit required by the HCP/NCCP which could result in further adjustment to some or all fees in 2011.

Template date: March 15, 2011

Permanent Impact Fee Table

Construction Segments	Impact Acreage Development Fee Zone					
	Fee Zone I	Cost per Acre ($10,662.15[1])	Acres of Developed Land Cover Types[2]	Fee Zone IV	Cost per Acre ($15,993.23[3])	Acres of Developed Land Cover Types[4]
Project Site	16.72	**$178,271.15**	2.8	0	$ -	0
Construction Laydown Area	0	$ -	0	0	$ -	0
Soil Stockpile Area	0	$ -	0	0	$ -	0
Access Roads (DuPont Property)	0	$ -	0	0	$ -	0
T-Line ROW	0	$ -	0	0	$ -	0
T-Line Pull Sites Outside T-Line ROW	0	$ -	0	0	$ -	0
T-Line Access Roads Outside T-Line ROW	0	$ -	0	0	$ -	0
Force Main Sewer Line ROW	0	$ -	0	0	$ -	0
Total	**16.72**	**$178,271.15**	**Exempt**	**None**	**$ -**	**Exempt**

[1] Based on the March 15, 2011 – March 14, 2012 Fee Schedule
[2] Developed Land Cover Types field verified as urban, aqueduct, non-native woodland, turf, and landfill.
[3] Based on the March 15, 2011 – March 14, 2012 Fee Schedule
[4] Developed Land Cover Types field verified as urban, aqueduct, non-native woodland, turf, and landfill.

Temporary Impact Fee Table

Construction Segments	Impact Acreage Development Fee Zone					
	Acres Impacted in Fee Zone I	Years of Disturbance (2 years is the minimum for ground-disturbing)	Estimated Cost (Acres*(Years of Disturbance/30)*$10,662.15/acre)	Acres Impacted in Fee Zone IV	Years of Disturbance (2 years is the minimum for ground-disturbing)	Estimated Cost (Acres*(Years of Disturbance/30)*$15,993.23.14/acre)
Project Site	0.82	2	$582.86	0.0	2	$0.00
Construction Laydown Area	13.93	4	$19,803.17	0.0	4	$0.00
Soil Stockpile Area	5.0	2	$3,554.05	0.0	2	$0.00
Access Roads (DuPont Property)	0.21	2	$149.27	0.0	2	$0.00
T-Line ROW	3.52	3	$3,753.08	14.63	3	$23,398.10
T-Line Pull Sites Outside T-Line ROW	0.33	3	$351.85	0.88	3	$1,407.40
T-Line Access Roads Outside T-Line ROW	0.01	3	$10.66	0.55	3	$879.63
Force Main Sewer Line ROW	0.0	2	$0.00	0	2	$0.00
Total	**23.8**		**$28,204.94**	**16.1**		**$25,685.13**

CCGS LLC

Thomas J. Chiangi
Oakley Power Project
CCGS Project Director
Power Plant Systems
20 Technology Parkway South, Suite 220
Norcross, GA 30092
USA
T +1 770 447-7259
C +1 404 395-9217
F +1 770 447-7235
tom.chiangi@ge.com

CCGS-CBO-001

Mr. Jason Crapo, Deputy Director
Contra Costa County
Department of Conservation & Development
Building Inspection Division
651 Pine Street, 3rd Floor, North Wing
Martinez, CA 94553-1295

September 28, 2011

Subject: **Oakley Generating Station Project, Building Permit No. BIIN11-002004 / 09-AFC-4**
CEC Condition of Certification GEN-6: Resumes of Special Inspectors

Dear Mr. Crapo,

Pursuant to CEC Condition of Certification GEN-6, enclosed for your review and approval are three (3) resumes of special inspectors for the Oakley Generating Station Project.

Should you have any questions, please contact me at your earliest convenience or Mr. Zenis Walley at (415) 243-3743.

Sincerely,

T. J. Chiangi

Thomas J. Chiangi
Oakley Power Project Director
Global Projects Organization

CC:	B. Hall	CCGS Contract Manager
	B. Bedaw	GE GPO Environmental Manager
	G. Lamberg	CCGS Senior VP
	Z. Walley	CCGS Project Compliance Manager
	C. Hoffman	CEC CPM

GORDON CHIN

Senior Special Inspection and Materials Testing Specialist

SIGNET *Testing Labs, Inc.*

EXPERIENCE
25 Years

EDUCATION
San Francisco State University; B. A., 1988 Broadcast Communication Arts, Radio/Television

CERTIFICATIONS

ACI – Concrete Testing Technician Grade 1

ICC – Reinforced Concrete

ICC – Pre-Stressed Concrete

ICC – Structural Masonry

ICC – Spray Applied Fireproofing

PROFESSIONAL AFFILIATIONS

American Concrete Institute (ACI)

International Code Council (ICC)

California Department of Transportation Proficiency

Operating Engineers Union Local 3 (OE3)

SKILLS AND EXPERIENCE

Mr. Gordon Chinn is a multi-certified inspector with over twenty five years of experience in the Special Inspection and Materials Testing industry. Mr. Chinn has performed Special Inspection services on post-tensioned, reinforced concrete and structural masonry construction in accordance with ICBO standard, and those of the UBC standards. Other duties include materials testing and inspection services on soil, asphalt, concrete placement, field testing and observation of engineered fills, slide repairs, subdrain replacements, pavement sections, pier foundation and drilling, concrete quality control and testing. Concrete testing is based on ASTM, CTM and ACI procedures. Soil Testing is based on ASTM, UBC, and California Transportation Specifications.

REPRESENTATIVE PROJECT EXPERIENCE:

- **On-Call MT & IS, City of Livermore, CA**
- **California State University-Stanislaus, Turlock, CA**
- **City of San Jose, Dept. of Public Works**
- **Pulte Homes, Oakley/ Brentwood, CA**
- **Station Oaks, Walnut Creek, CA**
- **Braddock & Logan Services, Dublin, CA**
- **Orchard Supply Hardware, Concord, CA**
- **Tuscany/Lane Vineyard Avenue, Livermore, CA**
- **VA Hospital, Building 7, Auditorium, San Francisco, CA**
- **Bascom Library and Community Center, San Jose, CA**
- **Various HS Performing Arts Centers for Campbell Unified School**
- **District, San Jose / Campbell / Saratoga, CA**

Bertolini Student Service Center, Santa Rosa, CA – 2007 to Present
Project Manager of a three-story college facility. Services included observation and sampling of reinforced concrete, continuous batch plant inspections, observation of metal decking procedures on elevated floors, structural steel welding inspection during shop fabrication and field erection operations (offsite inspection of structural reinforcing steel, concrete and embed placement of pre-cast exterior panels in Tecate, Mexico), reinforced steel material I.D sample and tag, spray applied fireproofing observation, thickness, adhesion and cohesion testing, load testing of synthetic stone, veneer placement and absorption testing, Ultrasonic testing on seismic critical welds, periodic stud welding inspection, high strength bolting, anchor installation observation (epoxy witness)/torque and pull testing. Laboratory testing of concrete

compressive specimens, grout compressive testing, concrete aggregates compliance testing, and testing of fireproofing density.

Various Schools for the San Ramon Valley Unified School District, San Ramon, CA
Dougherty Valley High School, San Ramon, CA -2006 to 2007 – Project Manager of special inspection and materials testing services for a 349,000 square feet High School with 80 high tech classrooms, a performing arts center with 600-seat auditorium and state of the art athletic facilities including a gymnasium, softball fields, tennis courts and Olympic-size swimming pool. It also has a commons building with library and cafeteria, all weather field and 2800-seat outdoor stadium. Services performed were reinforced concrete placement observation and sampling, concrete batch plant inspection, field and shop metal fabrication and welding procedures (shop inspection was performed by Terrasearch personnel out of state), Ultrasonic testing on seismic critical welds, periodic stud welding inspection, high strength bolting, anchor installation observation (epoxy witness)/torque and pull testing, intumescent fireproofing observation and thickness testing, DSA shotcrete inspection, field and shop fabrication inspection of glue-laminated beams, structural masonry observation, sampling and shear testing.. Laboratory testing of concrete compressive specimens, mortar and grout compressive testing, shotcrete test panels, concrete aggregates compliance testing and testing of mechanical couplers to failure.

California High School, Phase I, IB, II, III, and IIIB San Ramon, CA – 2005 to Present – Project Manager of special inspection and materials testing services for an 110,000 square foot 63 classroom building constructed with a pod configuration, a 8,500 square-foot new library at the rear of the campus, a 2 story classroom building, a gymnasium, and 2 story classroom addition, covered walk ways, building alterations, and a theatre building. Services included sampling and testing for concrete, continuous batch plant inspections, rebar sampling, tagging and testing, continuous structural steel welding inspections for shop and field, proof load and torque testing, aggregate material testing and continuous observation of concrete masonry unit placement.

SETH FITZGIBBON

Materials Testing & Special Inspector

SIGNET Testing Labs, Inc.

EXPERIENCE
9 Years

CERTIFICATIONS
ACI – Field Technician Certification Grade 1

Nuclear Density Gauge Certification

Caltrans Certifications

- CTM 105
- CTM 125
- CTM 216
- CTM 216
- CTM 231
- CTM 375
- CTM 504
- CTM 518
- CTM 523
- CTM 524
- CTM 533
- CTM 539
- CTM 540
- CTM 557

SKILLS AND EXPERIENCE

Mr. Seth Fitzgibbon is a multi-certified inspector with over 9 years the testing, inspection and other trades experience.He is qualified to provide inspections in the areas of concrete, asphalt, soils and lab testing. Mr. Fitzgibbonsis able to communicate with contractors, engineers, governing agency inspectors and other technicians to insure quality performance and compliance with project specifications and governing codes.

REPRESENTATIVE PROJECT EXPERIENCE:

Route 238 Corridor Improvements – Hayward, CA

Kaiser Oakland Medical Center – Oakland, CA

Permanente Creek Bridge – Mountain View, CA

Oakley Generating Facility – Oakley, CA

UC Berkeley Anna Head Housing – Berkeley, CA

Bart M Line Seismic Upgrage – San Francisco, CA

Jerrold Avenue Bridge – San Francisco, CA

Gavlin College Social Science Building – Gilroy, CA

Oak Hills Apartments – Hayward, CA

DENNIS HANEY

Senior Soils Technician

SIGNET *Testing Labs, Inc.*

EXPERIENCE
10 Years

EDUCATION
AA General Education,
San Jose City College

CERTIFICATIONS

ACI – Field Technician Certification

OSHA – Certified in Hazardous Waste First Responder (Operations Level)

MSHA – Mine Safety Training

NICET – Level II Construction Materials Testing in Asphalt, Concrete & Soils

Nuclear Density Gauge Certification

SKILLS AND EXPERIENCE

Mr. Dennis Haney is a multi-certified inspector with over ten years of experience in field and laboratory testing of soil, aggregate and concrete. He also has extensive background as lead technician on large construction projects such as airports, highways, mine and gas plant expansions, railroad constructions, wastewater treatment facilities and residential sites. Aside from the above Mr. Haney also experienced in ground water well monitoring including ground water measurements, purging, sampling and testing

REPRESENTATIVE PROJECT EXPERIENCE:

San Pablo Dam Seismic Upgrade
El Sobrante, CA

Wet Weather Sewer Replacement
San Francisco, CA

Various Capital Improvement Projects
City of South San Francisco, CA

Amoco Coal, Oil and Gas Facilities
Riverton, Wyoming

Uranium Mine Reclamation
Jeffrey City, Wyoming

Solvay Trona Plant Expansion
Green River, Wyoming

Naval Postgraduate School
Monterey, CA

Street and Utility Improvements
City of Livermore

Various District Improvement Projects
Gilroy Unified School

Costco Stores in Walnut Creek, San Jose, Redwood City, San Luis Obispo

Lost Cabin Gas Plant Expansion
Wyoming

EXHIBIT 6

AQCMM REPORT AND SWPPP INSPECTIONS

ALB, Inc.
General Contractor

October 3, 2011

Oakley Generation Station
5950 Bridgehead Road
Oakley, CA, 94561

Subject: ALB, Inc.
Oakley Generating Station
Equipment Maintenance Compliance AQ-SC5

Attention: Oakley Power Constructors

Dear Mr. McKeon:

All equipment (Diesel-fueled, >50hp) have been properly maintained and are in compliance with the AQ-SC5 project requirements for September, 2011.

Sincerely,

ALB, Inc.

Robert Gonzalez
President

552 West 10th Street, Pittsburg, CA 94565
Office: 925-427-1199 ~ Fax: 925-427-1161 ~ email albincorporated@aol.com
License #622062

GRANITE

L-005

Oakley Generation Station
5950 Bridgehead Road
Oakley, CA, 94561

September 29, 2011

Subject: Granite Construction Company
Oakley Generating Station
Equipment Maintenance Compliance AQ-SC5

Attention: Oakley Power Constructors

Dear Mr. McKeon:

All equipment (Diesel-fueled, >50hp) have been properly maintained and are in compliance with the AQ-SC5 project requirements for September 2011.

Sincerely,

Granite Construction Company

John G. Boies
Project Manager

Oakley Generation Station

AQ-SC5 Equipment Tracking Log

Inspection Sticker ID	Company	Manufacture	Model #	Equip Serial #	Engine Family #	HP	Date Received	Date Removed
ALB01	ALB	Bobcat	T190	A3LN38165	AKBXL02.6EAD	66	8-Jun-11	28-Jun-11
ALB02	ALB	John Deere	210LJ	T0210LJ890070	8JDXL06.8106	100	9-Jun-11	
ALB03	ALB	Bobcat	T190	527717550	5KBXL02.4EAD	66	11-Jul-11	19-Jul-11
ALB04	ALB	Ford	L8000	1FTXR82A2JVA25818	JFM07.8FPE3	240	18-Jul-11	
ALB05	ALB	Wacker	G70	20028539	BJDXL04.5107	100	1-Jul-11	5-Aug-11
ALB06	ALB	Bobcat	T190	A3LN38176	AKBXL02.6EAD	66	26-Jul-11	28-Jul-11
ALB07	ALB	Caterpillar	314CLCR	PCA00445	4MVXL04.2AAA	94	2-Aug-11	22-Sep-11
ALB08	ALB	John Deere	210LJ	VB0890421	BJDXL06.8106	100	8-Aug-11	22-Aug-11
CWM01	CW Maloney	Caterpillar	330D	DAMWP00797	6CPXL08.8ESK	450	3-Aug-11	5-Aug-11
CWM02	CW Maloney	Bobcat	T320	A7MP11739	7KBXL03.8AAD	92	3-Aug-11	5-Aug-11
GCC01	Granite	Caterpillar	14M	R9J00233	ACPXL11.1ESK	450	10-Aug-11	19-Sep-11
GCC02	Granite	Caterpillar	623G	DBC00264	5CPXL15.2ESK	365	10-Aug-11	30-Sep-11
GCC03	Granite	John Deere	410J	T0410JX162070	8JDXL06.8106	99	11-Aug-11	30-Sep-11
GCC04	Granite	Peterbuilt	340	2NPRUU9X4814749743	7CEXH0505CAA	315	11-Aug-11	30-Sep-11
GCC05	Granite	Caterpillar	623G	DCBC88265	5CPXL15.2ESK	365	11-Aug-11	30-Sep-11
GCC06	Granite	Caterpillar	CS56	VC5S00369	8PKXL6.6PJ2	172	17-Aug-11	30-Sep-11
GCC07	Granite	Caterpillar	637E	1JB00421 (Front Eng)	7CPXL18.1ESK	480	17-Aug-11	16-Sep-11
-	-	Caterpillar	637E	1JB00421 (Rear Eng)	8CPXL08.8ESK	700	-	-
GCC08	Granite	Caterpillar	637E	1JB00426 (Front Eng)	7CPXL18.1ESK	480	17-Aug-11	16-Sep-11
-	-	Caterpillar	637E	1JB00426 (Rear Eng)	8CPXL08.8ESK	700	-	-
GCC09	Granite	Caterpillar	637E	1JB00424 (Front Eng)	7CPXL18.1ESK	700	18-Aug-11	16-Sep-11
-	-	Caterpillar	637E	1JB00424 (Rear Eng)	8CPXL08.8ESK	480	-	-
GCC10	Granite	Caterpillar	637D	27W1341 (Front Eng)	4CPXL18.0HSK	700	18-Aug-11	16-Sep-11
-	-	Caterpillar	637D	27W1341 (Rear Eng)	5CPXL08.8HSL	345	-	-
GCC11	Granite	Caterpillar	D6K	LFBH00558	7PKXL06.6PJ2	125	1-Sep-11	30-Sep-11
GCC12	Granite	Caterpillar	321D	NAS00418	9MVXL06.4FFF	156	12-Sep-11	30-Sep-11

Risk Level 1
Visual Inspection Field Log Sheet

Date and Time of Inspection: 09/06/11 3:45 p.m				Report Date: 09/06/11		
Inspection Type:	☒ Weekly	☐ Before predicted rain	☐ During rain event	☐ Following qualifying rain event	☐ Contained stormwater release	☐ Quarterly non-stormwater

Site Information

Construction Site Name:	Oakley Generating Station Project
Construction stage and completed activities:	Grading / Erosion Control
Approximate area of exposed site:	25 ac.

Weather and Observations

Date Rain Predicted to Occur: N/A		Predicted % chance of rain: 0%	
Estimate storm beginning: N/A (date and time)	Estimate storm duration: _____ (hours)	Estimate time since last storm: _____ (days or hours)	Rain gauge reading: _____ (inches)

Observations: If yes identify location

Odors	Yes ☐	No ☒	
Floating material	Yes ☐	No ☒	No change to Wetland D, E, F
Suspended Material	Yes ☐	No ☒	
Sheen	Yes ☐	No ☒	
Discolorations	Yes ☐	No ☒	
Turbidity	Yes ☐	No ☒	

Site Inspections

Outfalls or BMPs Evaluated	Deficiencies Noted
(add additional sheets or attached detailed BMP Inspection Checklists)	
Dust control / track-out control	Ongoing
De-watering / concrete washout	N/A

Photos Taken:	Yes ☒	No ☐	Photo Reference IDs:

Corrective Actions Identified (note if SWPPP/REAP change is needed)

N/A

Inspector Information

Inspector Name: Karina Wing	Inspector Title: QSP
Signature: [signature]	Date: 09/06/11

Haul Road to Stockpile #2 and #3

Spill Containment at Equipment Maintenance Area

ESA Fencing Adjacent to Bioswale Excavation

Dust Control

Spill kit and Containment at Temorary Generator

Stockpile #3 and Soil Berm Along Bridgehead Frontage Road

Soil Berm South Side of Stockpile Area #2	Soil Berm East Side of Stockpile Area #2

Your National Weather Service forecast

Oakley CA

Enter Your "City, ST" or zip code Go BOOKMARK

NWS San Francisco Bay Area/Monterey, CA
Point Forecast: Oakley CA
38°N 121.72°W (Elev. 26 ft)

Mobile Weather Information | **En Español**
Last Update: 2:53 am PDT Sep 7, 2011
Forecast Valid: 8am PDT Sep 7, 2011-6pm PDT Sep 13, 2011

Forecast at a Glance

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
Hot	Mostly Clear	Sunny	Mostly Clear	Mostly Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny
Hi 97 °F	Lo 59 °F	Hi 91 °F	Lo 60 °F	Hi 91 °F	Lo 61 °F	Hi 89 °F	Lo 59 °F	Hi 84 °F

Detailed 7-day Forecast

Today: Sunny and hot, with a high near 97. Northwest wind between 8 and 15 mph, with gusts as high as 20 mph.

Tonight: Mostly clear, with a low around 59. West wind between 14 and 17 mph becoming calm. Winds could gust as high as 22 mph.

Thursday: Sunny, with a high near 91. West northwest wind between 7 and 16 mph, with gusts as high as 21 mph.

Thursday Night: Mostly clear, with a low around 60. West wind between 7 and 11 mph.

Friday: Mostly sunny, with a high near 91. West wind between 7 and 9 mph.

Friday Night: Mostly clear, with a low around 61.

Saturday: Sunny, with a high near 89.

Saturday Night: Mostly clear, with a low around 59.

Sunday: Sunny, with a high near 84.

Sunday Night: Mostly clear, with a low around 58.

Monday: Sunny, with a high near 86.

Monday Night: Mostly clear, with a low around 58.

Tuesday: Sunny, with a high near 85.

Detailed Point Forecast

[Move Down]

Click Map for Forecast Disclaimer

Requested Location Forecast Area

Lat/Lon: 38°N 121.72°W **Elevation:**26 ft

XML

Current Conditions

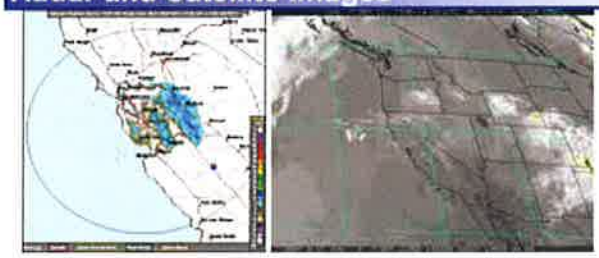
[Move Up]

CW3427 Antioch (C3427)
Lat: 37.97959 Lon: -121.79778 Elev: 200
Last Update on 07 Sep 6:40 PDT

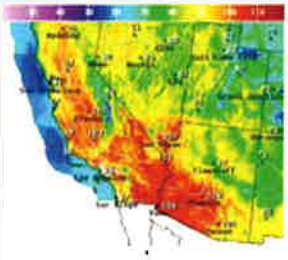
60°F (16°C)

Humidity:	80 %
Wind Speed:	calm
Barometer:	29.76 in (N/A mb)
Dewpoint:	54°F (12°C)
Visibility:	Miles

Radar and Satellite Images



National Digital Forecast Database



Additional Forecasts & Information

Zone Area Forecast for East Bay Interior Valleys, CA

Forecast Discussion

Printable Forecast | Text Only Forecast

Hourly Weather Graph | Tabular Forecast

Quick Forecast

International System of Units | About Point Forecasts

Hourly River Stages | Hourly Rainfall

NWS Office Map | Weather Calculator

Forecast Weather Table Interface

Risk Level 1
Visual Inspection Field Log Sheet

Date and Time of Inspection: 9/13/11 1:00 PM	Report Date: 9/14/11

Inspection Type:	☑ Weekly	☐ Before predicted rain	☐ During rain event	☐ Following qualifying rain event	☐ Contained stormwater release	☐ Quarterly non-stormwater

Site Information

Construction Site Name: Oakley Generating Station Project	
Construction stage and completed activities: Site excavation, SWPPP installation	Approximate area of exposed site: 25ac

Weather and Observations

Date Rain Predicted to Occur: N/A	Predicted % chance of rain: N/A

Estimate storm beginning: N/A (date and time)	Estimate storm duration: — (hours)	Estimate time since last storm: — (days or hours)	Rain gauge reading: — (inches)

Observations: If yes identify location

Odors	Yes ☐	No ☑	Inspection of Wetlands E, D, F
Floating material	Yes ☐	No ☑	
Suspended Material	Yes ☐	No ☑	No water left in Wetland E
Sheen	Yes ☐	No ☑	
Discolorations	Yes ☐	No ☑	
Turbidity	Yes ☐	No ☑	

Site Inspections

Outfalls or BMPs Evaluated	Deficiencies Noted
(add additional sheets or attached detailed BMP Inspection Checklists)	
Dust control / track-out control	2 water trucks in use / daily street sweeping
De-watering / concrete washout	

Photos Taken:	Yes ☑	No ☐	Photo Reference IDs:

Corrective Actions Identified (note if SWPPP/REAP change is needed)

Inspector Information

Inspector Name: Mark McKeon	Inspector Title: Inspector
Signature:	Date: 9/14/11

Spill Containment Under Generator

Silt Fence Along DuPont Entrance

Sanitation Facilities

West End of Property, Wetland E

Water in Wetland E

Silt Fence/Fiber Role, South Side of Wetland E

Fiber Roles Installed Along Haul Road

Entrance to Stockpile Area #2

Soil Berm and Wetland D

Soil Berm Along South Side of Stockpile Area #3

Soil Berm Along West Side of Stockpile Area #3

Wetland F

Sloping Along South Side of Stockpile Area #3

ESA Fencing along North Side of Construction Area/ACC

Work Site

Spill Kits/Station for Maintenance Activities

Water Truck Filling Station

NWS Forecast for: Oakley CA

Issued by: National Weather Service San Francisco Bay Area/Monterey, CA
Last Update: 2:22 am PDT Sep 12, 2011

Print

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
Mostly Sunny Hi 84 °F	Mostly Clear Lo 59 °F	Sunny Hi 86 °F	Mostly Clear Lo 58 °F	Sunny Hi 85 °F	Mostly Clear Lo 57 °F	Sunny Hi 82 °F	Mostly Clear Lo 55 °F	Sunny Hi 79 °F

Today: Mostly sunny, with a high near 84. West wind between 8 and 11 mph.

Tonight: Mostly clear, with a low around 59. West wind between 9 and 16 mph, with gusts as high as 21 mph.

Tuesday: Sunny, with a high near 86. West wind between 8 and 13 mph.

Tuesday Night: Mostly clear, with a low around 58. West southwest wind between 11 and 15 mph, with gusts as high as 20 mph.

Wednesday: Sunny, with a high near 85. West wind between 8 and 10 mph.

Wednesday Night: Mostly clear, with a low around 57.

Thursday: Sunny, with a high near 82.

Thursday Night: Mostly clear, with a low around 55.

Friday: Sunny, with a high near 79.

Friday Night: Mostly clear, with a low around 54.

Saturday: Sunny, with a high near 83.

Saturday Night: Mostly clear, with a low around 57.

Sunday: Sunny, with a high near 88.

Point Forecast: Oakley CA
38°N 121.69°W (Elev. 7 ft)

Visit your local NWS office at: http://www.wrh.noaa.gov/mtr

Risk Level 1
Visual Inspection Field Log Sheet

Date and Time of Inspection: 9/19/11 1:00 PM	Report Date: 9/19/11

Inspection Type:	☑ Weekly	☐ Before predicted rain	☐ During rain event	☐ Following qualifying rain event	☐ Contained stormwater release	☐ Quarterly non-stormwater

Site Information

Construction Site Name: Oakley Generating Station Project	
Construction stage and completed activities: Site grading, Retention pond work. Stockpile SWPPP	Approximate area of exposed site: 25 ac

Weather and Observations

Date Rain Predicted to Occur: N/A	Predicted % chance of rain: N/A

Estimate storm beginning: — (date and time)	Estimate storm duration: — (hours)	Estimate time since last storm: — (days or hours)	Rain gauge reading: — (inches)

Observations: If yes identify location

Odors	Yes ☐	No ☑	No water in Wetland E, D or F
Floating material	Yes ☐	No ☑	Nothing unusual found
Suspended Material	Yes ☐	No ☑	
Sheen	Yes ☐	No ☑	
Discolorations	Yes ☐	No ☑	
Turbidity	Yes ☐	No ☑	

Site Inspections

Outfalls or BMP's Evaluated	Deficiencies Noted
(add additional sheets or attached detailed BMP Inspection Checklists)	
Dust control / track-out control	Watering continues onsite / Streets swept daily
De-watering / concrete washout	

Photos Taken:	Yes ☑	No ☐	Photo Reference IDs:

Corrective Actions Identified (note if SWPPP/BMP change is needed)

Inspector Information

Inspector Name: Mark McKeon	Inspector Title: Inspector
Signature: [signature]	Date: 9/19/11

Spill Containment Under Generator

Silt Fence Along DuPont Entrance

Sanitation Facilities

West End of Property, Wetland E

Water in Wetland E

Silt Fence/Fiber Role, South Side of Wetland E

Fiber Roles Installed Along South Fence/Railroad Tracks

Entrance to Stockpile Area #2

Soil Berm and Wetland D

Sloping and Soil Berm Along South Side of Stockpile Area #2

Soil Berm Along South Side of Stockpile Area #3

Wetland F

ESA Fencing along North Side of Construction Area/ACC	Sloping Along West Side of Stockpile Area #3

NWS Forecast for: Oakley CA

Issued by: National Weather Service San Francisco Bay Area/Monterey, CA
Last Update: 5:12 am PDT Sep 19, 2011

Print

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
Sunny	Clear	Sunny	Clear	Sunny	Clear	Hot	Clear	Sunny
Hi 92 °F	Lo 61 °F	Hi 93 °F	Lo 60 °F	Hi 93 °F	Lo 60 °F	Hi 96 °F	Lo 61 °F	Hi 93 °F

Today: Sunny, with a high near 92. Calm wind becoming west northwest between 6 and 9 mph.

Tonight: Clear, with a low around 61. West wind between 5 and 13 mph.

Tuesday: Sunny, with a high near 93. Light wind becoming west between 10 and 13 mph.

Tuesday Night: Clear, with a low around 60. West wind between 8 and 13 mph.

Wednesday: Sunny, with a high near 93. West wind between 6 and 9 mph.

Wednesday Night: Clear, with a low around 60.

Thursday: Sunny and hot, with a high near 96.

Thursday Night: Clear, with a low around 61.

Friday: Sunny, with a high near 93.

Friday Night: Clear, with a low around 59.

Saturday: Sunny, with a high near 87.

Saturday Night: Mostly clear, with a low around 55.

Sunday: A slight chance of showers and thunderstorms. Sunny, with a high near 78.

Point Forecast: Oakley CA
38°N 121.69°W (Elev. 7 ft)

Visit your local NWS office at: http://www.wrh.noaa.gov/mtr

Risk Level 1
Visual Inspection Field Log Sheet

Date and Time of Inspection: 9/26/11 1:00 PM	Report Date: 9/27/11

Inspection Type:	☑ Weekly	☐ Before predicted rain	☐ During rain event	☐ Following qualifying rain event	☐ Contained stormwater release	☐ Quarterly non-stormwater

Site Information

Construction Site Name: Oakley Generating Station Project	
Construction stage and completed activities: Site grading / Hydro seeding	Approximate area of exposed site: 25ac

Weather and Observations

Date Rain Predicted to Occur: N/A		Predicted % chance of rain: —	
Estimate storm beginning: — (date and time)	Estimate storm duration: — (hours)	Estimate time since last storm: — (days or hours)	Rain gauge reading: — (inches)

Observations: If yes identify location

Odors	Yes ☐	No ☑	Observed wetlands E, F, D
Floating material	Yes ☐	No ☑	No water in any of the wetlands
Suspended Material	Yes ☐	No ☑	
Sheen	Yes ☐	No ☑	
Discolorations	Yes ☐	No ☑	
Turbidity	Yes ☐	No ☑	

Site Inspections

Outfalls or BMPs Evaluated	Deficiencies Noted
(add additional sheets or attached detailed BMP Inspection Checklists)	
Dust control / track-out control	Water truck in use, street sweeping in progress
De-watering / concrete washout	

Photos Taken:	Yes ☑	No ☐	Photo Reference IDs:

Corrective Actions Identified (note if SWPPP/WDID/AP change is needed)

Inspector Information

Inspector Name: Mark McKron	Inspector Title: Inspector
Signature: [signature]	Date: 9/27/11

Dust Control

Silt Fence Along DuPont Entrance

Sanitation Facilities

West End of Property, Wetland E

Water in Wetland E

Silt Fence/Fiber Role, South Side of Wetland E

Coco Mat Installation on North Side of Site

Hydro Seeded Area to be Covered With Coco Mat

Soil Berm and Wetland D

Sloping and Soil Berm Along South Side of Stockpile Area #2

Soil Berm Along South Side of Stockpile Area #3

Wetland F

Soil Berm and Wattles on Top of Stockpile Area #3	

NWS Forecast for: Oakley CA

Issued by: National Weather Service San Francisco Bay Area/Monterey, CA
Last Update: 2:37 am PDT Sep 26, 2011

Print

Today	Tonight	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday
Mostly Sunny Hi 82 °F	Mostly Clear Lo 58 °F	Sunny Hi 90 °F	Mostly Clear Lo 60 °F	Sunny Hi 90 °F	Clear Lo 62 °F	Sunny Hi 87 °F	Mostly Clear Lo 62 °F	Mostly Sunny Hi 86 °F

Today: Mostly sunny, with a high near 82. West northwest wind between 8 and 11 mph.

Tonight: Mostly clear, with a low around 58. West wind between 14 and 17 mph becoming calm. Winds could gust as high as 22 mph.

Tuesday: Sunny, with a high near 90. Northwest wind between 3 and 9 mph.

Tuesday Night: Mostly clear, with a low around 60. West wind between 6 and 9 mph.

Wednesday: Sunny, with a high near 90. Light and variable wind.

Wednesday Night: Clear, with a low around 62.

Thursday: Sunny, with a high near 87.

Thursday Night: Mostly clear, with a low around 62.

Friday: Mostly sunny, with a high near 86.

Friday Night: Partly cloudy, with a low around 58.

Saturday: Mostly sunny, with a high near 84.

Saturday Night: Partly cloudy, with a low around 58.

Sunday: Mostly sunny, with a high near 83.

Point Forecast: Oakley CA
38°N 121.69°W (Elev. 7 ft)

Visit your local NWS office at: http://www.wrh.noaa.gov/mtr

Wetland E Water Depth and Precipitation Data – September 2011

PREPARED FOR: Contra Costa Generating Station LLC

PREPARED BY: Keith McGregor
Ben Beattie

DATE: October 10, 2011

Introduction

A water depth monitor and rain gauge were installed for the Oakley Generating Station project on November 24, 2010. The monitors were installed to establish the pre-construction hydrology for Wetland E. A Level Troll 500 water depth monitor was placed on the bottom surface of Wetland E and a Texas Electronics tipping bucket rain gauge was installed within the secured area of the DuPont facility. The Level Troll 500 was programmed to record the average depth of the wetland in inches every 15 minutes. A Campbell Scientific CR200X data logger records the rainfall data in inches every 5 minutes and summarizes the hourly rainfall totals at the top of each hour.

The purpose of this document is to:

- Report the rainfall totals and water depths for the month of September,
- Report maintenance and site visit activities conducted during the month, and
- Provide a plot of the rainfall and water depth measurements for September.

Data Summary

No rainfall was recorded during the month of September. Based on visual observations during the September 8, 2011 site visit and the depth recordings during the month of September, the presence of surface water in the wetland was very limited and there was no surface water present at the location of the water depth monitor. Therefore, the depth measurements presented in Figure 1 represent the lowest recording levels the depth monitor can record. A plot of the rainfall and Wetland E water depth data is shown in Figure 1.

Maintenance and Site Visit Activity

A data download and site inspection was conducted on September 8, 2011. The site visit notes are included as an attachment to this technical memorandum. Maintenance activities were not required for the monitors during the month of September; therefore no data was invalidated for the month of September. Table 1 contains a summary of the site visit activities during the month of September. Site photographs are provided in Figures 2 through 4.

TABLE 1
Site Visit Activity
Wetland E Hydrology Monitoring Program

Date	Time (PDT)	Operator*	Activity	Notes
09/08/2011	9:50 am – 10:55 am	KM	Data Download and Site Maintenance	NA
10/03/2011	1:30 pm – 3:20 pm	KM	Data Download and Site Maintenance	Manually tipped bucket 10 times at approximately 2:00 pm PDT. Datalogger response at 2:05 pm (PDT) was 0.09999999. Data for this five minute period should be invalidated (i.e., 1:05 PST). Hourly record for the hour ending at 3:00 pm PDT should also be invalidated (i.e., 2:00 PST).

*KM = Keith McGregor

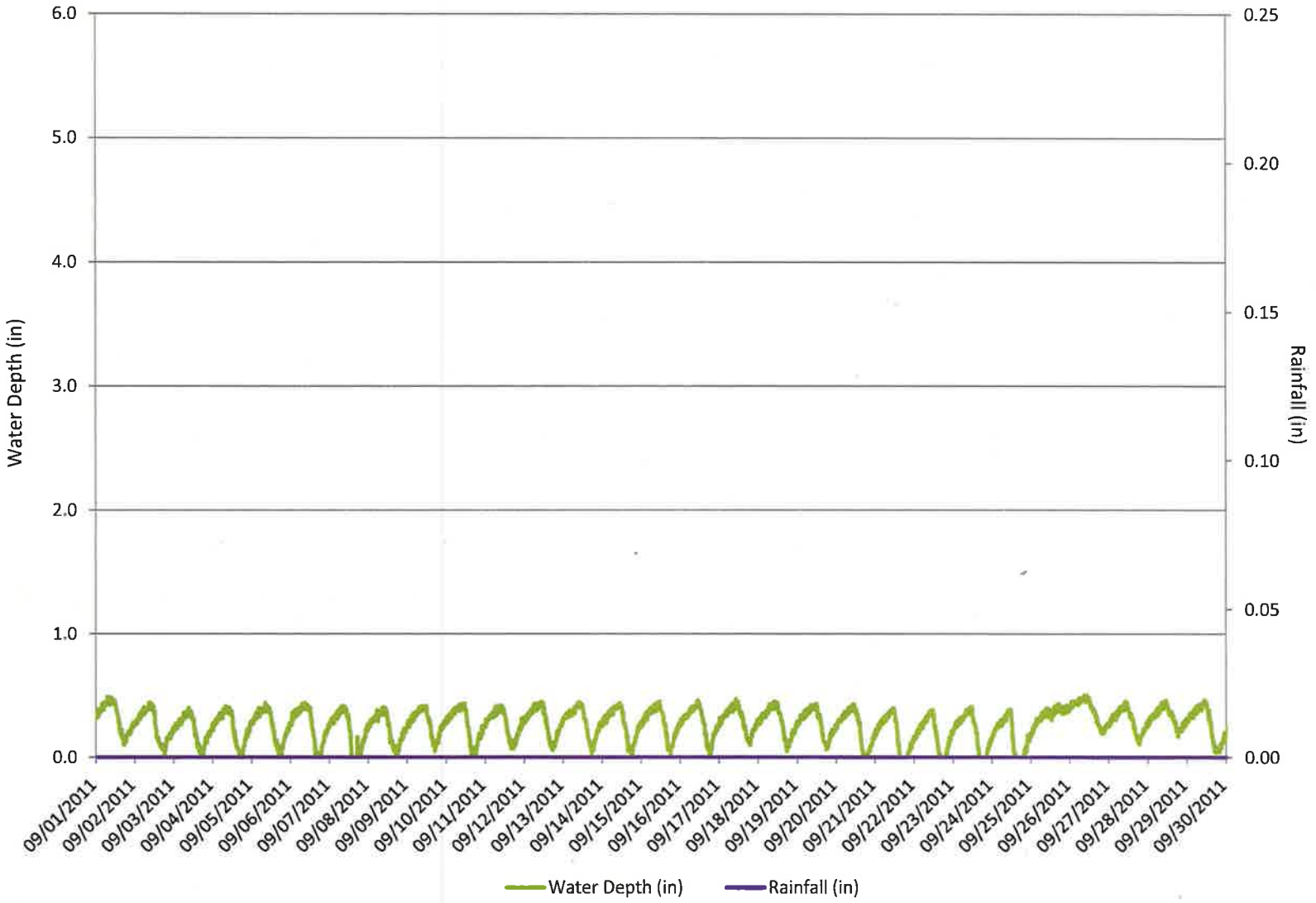


FIGURE 1
Wetland E – September 2011
Oakley Generating Station
Oakley, California

Wetland E Surface Conditions Near Monitor, September 8, 2011

Wetland E View Looking South, September 8, 2011

FIGURE 2
Wetland E – September 2011
Oakley Generating Station
Oakley, California

Wetland E Standing Water Along Northern Edge, September 8, 2011

Wetland E Monitor on Surface of Wetland, September 8, 2011

FIGURE 3
Wetland E – September 2011
Oakley Generating Station
Oakley, California

Wetland E View Looking Southwest, September 8, 2011

FIGURE 4
Wetland E – September 2011
Oakley Generating Station
Oakley, California

Site Visit Notes for September 8, 2011

TO: CCGS LLC

FROM: Keith McGregor

DATE: September 9, 2011

- Weather Observation at ~10:00 am (PDT), September 8, 2011: Sunny, north northwest wind ~8 mph, air temperature ~67 F based on observation for Oakley, CA (Weather Underground website)

WATER DEPTH MONITOR

Date: September 8, 2011
Arrival: ~9:50 am (PDT)

- Visual Inspection: everything looked "OK." Standing water no longer covering the bottom of the wetland but the soil is still saturated with small areas of standing water.
- Desiccant: Desiccant has turned mostly light purple.
- Delta Time: instrument ~ 2 minutes and 24 seconds slower than the computer; requires a "hard stop" of the program to reset time so the time was not reset today.
- Conducted a data download at 10:04 am (PDT).
- Took two pictures of the wetland from the northeast corner of Wetland E looking south and one of the standing water present.

Departure: ~10:10 am (PDT)

RAIN GAUGE

Date: September 8, 2011
Arrival: ~10:25 am (PDT)
Visual Inspection: Everything looked "OK"
Battery Voltage: 13.4 Volts

- Conducted a data download at 10:36 am (PST)
- Delta Time: datalogger ~ 1 minute and 8 seconds faster than the computer

Departure: ~10:55 am (PDT)

No modifications were made to the water depth monitor or manual tips conducted at the rain gauge during the site visit. Therefore, no data records were invalidated by the site visit.

EXHIBIT 7

BIOLOGICAL/CULTURAL/GEOLOGICAL & PALEONTOLOGICAL REPORTS

Biological Resources

Mitigation Monitoring for the

Oakley Generating Station Project

MONTHLY COMPLIANCE REPORT (BIO-2)

September 2011

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Oakley Generating Station

MONTHLY COMPLIANCE REPORT

September 2011

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MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS 3
SUMMARY OF ACTIVITIES 4
WORKER ENVIRONMENTAL AWARENESS TRAINING 4
GENERAL DAILY NOTES AND OBSERVATIONS 5

APPENDICES

A) Cumulative Wildlife Species Observed in or Near the Project Area

B) Site Photos

C) Wildlife Observation Forms

INTRODUCTION

The Oakley Generating Station (OGS) project will be a combined-cycle, natural-gas-fired power plant owned by Contra Costa Generating Station LLC (CCGS LLC). The project site is located in Oakley, California (eastern Contra Costa County) at 5950 Bridgehead Road in the northwestern quarter of Section 22, Township 2 North, Range 2 East, Mount Diablo Base Meridian (Figure 1).

The project site consists of 21.95 acres of which 13.9-acres were in agricultural production as a vineyard, 1.6-acres are the conservation easement for Wetland E, 3.0 acres are ruderal cover, 0.6 acre is non-native woodland, and 2.8 acres are paved surface, (Figure 2). The construction laydown areas consist of 13.2 acres of barren ground and ruderal vegetation, and a 6.5-acre paved area. The three soil stockpile areas consist of stockpile 1, which is 2.2 acres of existing paved surface, and stockpiles 2 and 3, which are 2.7 acres and 2.3 acres respectively of ruderal grassland. In addition, temporary access roads are required to reach the soil stockpile areas, which consist of 2.3 acres of paved area and 0.2 acre of ruderal grassland. The project site is located within the boundary of an existing 210-acre site owned by DuPont.

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Mitigation measures for the OGS project site were developed through consultation with the California Energy Commission (CEC), and the East Contra Costa County Habitat Conservancy (Conservancy). Documentation of compliance with any conditions of the agency permits will be included in this report when applicable.

Conditions of Certification (COC) BIO 1-8 were in compliance during the month of September 2011. The following COC's require specific language be included in each monthly compliance report therefore they are addressed separately below;

BIO-9, nesting migratory bird mitigation measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-9 was in compliance during the month of September 2011.

BIO-10, minimizing and avoiding direct impacts to bat species was in compliance during the month of September 2011 by employing pre-construction and pre-disturbance surveys to all trees to be removed or where any new work was in close proximity to trees or other bat holding structures.

BIO-11, Swainson's hawk mitigation measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-11 was in compliance during the month of September 2011.

BIO-12, burrowing owl mitigation measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-12 was in compliance during the month of September 2011.

BIO-13, American badger impact and avoidance minimization measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-13 was in compliance during the month of September 2011.

BIO-14, San Joaquin kit fox avoidance minimizations measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-14 was in compliance during the month of September 2011.

BIO-15, Western pond turtle impact and avoidance measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-15 was in compliance during the month of July 2011.

BIO-16, Giant garter snake impact and avoidance measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-16 was in compliance during the month of September 2011.

BIO-17, California tiger salamander impact and avoidance measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-17 was in compliance during the month of September 2011.

BIO-18, California red-legged frog impact and avoidance measures such as pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly/daily site visits, insured that BIO-18 was in compliance during the month of September 2011.

SUMMARY OF ACTIVITIES

This report provides a summary of September 2011 project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. The Designated Biologist (DB) and Biological Monitor (BM) completed logs summarizing activities, personal interactions, and observations made during each site visit. These logs are available on request.

Site Construction

September OGS project site activities consisted of mass grading of the project site, soil haul offs to the soil stockpile areas. Other construction activities consisted of existing site utility locating and removal, retention pond developing and bio-swale installation.

WORKER ENVIRONMENTAL AWARENESS TRAINING

The WEAP program was developed exclusively for the OGS project. Program materials include a handbook, video, posted speed limit signs and supporting posters. As required by COC BIO-5 from the CEC *Commission Decision*, all new employees must attend the WEAP program.

Thirty-one (31) new personnel received WEAP training in September for a total of 122 employees trained at OGS since the project started. A CCGS Safety and Compliance Manager as well as the OGS Designated Biologist and Biological Monitor administered the WEAP training to new employees. Signed affidavits are kept on file by the CCCGS Safety and Compliance Manager. Construction hours for the month of September were from 0700 hours to 1730 hours, Monday through Thursday.

GENERAL DAILY NOTES AND OBSERVATIONS

During the month of September daily Biological Monitoring was not required. Project biological oversight was covered by the Designated Biologist (DB) Rick Crowe. The monitoring efforts for the month of September are documented below;

September 6th, the DB was on site to perform a weekly compliance check. While on site the DB observed mass grading within the power block, (Photo 1). Mid-morning the DB received a call from Dave/Granite Construction Supervisor concerning the observation of a gopher snake (*Pituophis melanoleucus*) along the eastern edge of the power block, (Photos 2 & 3). The gopher snake was safely captured and released by the DB off site. For more information on these monitoring observations see Appendix B Site Photographs and Appendix C Wildlife Observation Forms. The OGS project was in compliance during this site visit.

September 14th, the Cultural monitor Phil Reid received a call from an equipment operator concerning the observation of a gopher snake, the operator stated that he had observed the snake fall down into an augured hole for pilings. Eventually, the snake crawled out of the augured hole and was safely captured and relocated by Mr. Reid, (Photos 4, 5 & 6). For more information on these monitoring observations see Appendix B Site Photographs and Appendix C Wildlife Observation Forms.

September 15th, the DB was on site to perform a weekly compliance check. While on site the DB observed load testing on the rock piles that were driven within the southwest portion of the power block, (Photo 7). The DB also observed the installation of the outfall near Wetland E (Photos 8 & 9). The DB inspected the entire boundary of Wetland E and took baseline photos of the wetland in preparation for the on-coming rainy season, (Photos 10, 11, 12, 13, 14, and 15). During the wetland survey the DB observed isolated areas of standing water and numerous Pacific chorus tree frogs (*Hyla regilla*) and abandoned Red-wing blackbird (*Agelaius phoeniceus*) nests. Also while on site the DB observed BMP installation on Stock Pile areas 2 and 3, (Photos 16 & 17). For more information on these monitoring observations see Appendix B Site Photographs. The OGS project was in compliance during this site visit.

September 21st, the DB was on site to perform a weekly compliance check. While on site the DB observed existing utility excavation in the southwest corner of the power block, (Photo 18). The DB also observed rock pile testing (Photo 19) within the southwest corner of the power block. While on site the DB checked on BMP installation at Wetland E and observed that the outfall to Wetland E had been rip rapped (Photos 20 and 21). Also, while on site the DB photographed the completed rough grade of the power block, (Photos 22, 23 & 24). For more information on these monitoring observations see Appendix B Site Photographs. The OGS project was in compliance during this site visit.

September 26th, the DB was on site to perform a weekly compliance check. While on site the DB observed that Stock Pile 3 had been hydro seeded (Photo 25) and documented BMP installation

at Wetlands D, E, and F (Photos 26, 27 & 28). Also while on site the DB observed installation of erosion control blankets within the bio-swale along the northern portion of the OGS project site (Photos 29, 30 & 31). For more information on these monitoring observations see Appendix B Site Photographs. The OGS project was in compliance during this site visit.

September 28th, the DB received a call from the Cultural monitor Phil Reid concerning the capture and safe relocation of a Pacific chorus tree frog that was observed within an existing PG&E vault on site. Mr. Reid safely captured and relocated the tree frog within Wetland E. For more information on this occurrence see Wildlife Observation Forms in Appendix C.

Appendix A

Cumulative Wildlife Species Observed in or Near the Project Area

Cumulative Wildlife Species Observed in or Near the OGS Project Area		
Common Name	**Scientific Name**	**Comments**
• **BIRDS**		
Canada goose	*Branta canadensis*	Fly over
Mallard	*Anas platyrhynchos*	Fly over
American white pelican	*Pelecanus erythrorhynchos*	Fly over
Double-crested cormorant	*Phalacrocorax auritus*	Fly over
Great blue heron	*Ardea herodias*	Fly over
Great egret	*Ardea alba*	Fly over and Wetland F
Snowy egret	*Egretta thula*	Fly over
Green heron	*Butorides virescens*	Wetland E
Black-crowned night-heron	*Nycticorax nycticorax*	Fly over
Turkey vulture	*Cathartes aura*	Fly over
Osprey	*Pandion haliaetus*	Fly over
White-tailed kite	*Elanus leucurus*	Fly over
Northern harrier	*Circus cyaneus*	Fly over
Cooper's hawk	*Accipiter cooperii*	Fly over
Red-shouldered hawk	*Buteo lineatus*	Fly over
Red-tailed hawk	*Buteo jamaicensis*	Nest between laydown areas fledged 1 successfully 2011.
Swainson's hawk	*Buteo swainsoni*	Nest in redwood tree north of site fledged 2 successfully 2011.
American kestrel	*Falco sparverius*	Fly over
Great horned owl	*Bubo virgiianus*	Nest in eucalyptus tree on site, successfully fledged 2 young 2011.
Barn owl	*Tyto alba*	Dead individual observed near Safety trailer, 11/8/10.
Sandhill crane	*Grus canadensis*	Fly over
Killdeer	*Charadrius vociferus*	Nest in laydown area and fly over 2011.
California gull	*Larus californicus*	Fly over.
Bonaparte's gull	*Larus philadelphia*	Fly over.
Caspian tern	*Hydroprogne caspia*	Fly over.
Forster's tern	*Limnodromus scolopaceus*	Fly over.
Common tern	*Sterna hirundo*	Fly over.
Rock pigeon (*Exotic*)	*Sterna fosteri*	Fly over.
Eurasian collared-dove (*Exotic*)	*Columba livia*	Fly over and nesting on site.
Mourning dove	*Streptopelia decaocto*	Fly over
Anna's hummingbird	*Chaetura vauxi*	Fly over

Cumulative Wildlife Species Observed in or Near the OGS Project Area		
Common Name	**Scientific Name**	**Comments**
Belted kingfisher	*Archilochus alexandri*	Fly over
Downy woodpecker	*Picoides pubescens*	Eucalyptus trees on site
Nuttall's woodpecker	*Picoides nuttallii*	Eucalyptus trees on site
Northern flicker	*Colaptes auratus*	Eucalyptus trees on site
Black phoebe	*Sayornis nigricans*	Fly over
Western kingbird	*Tyrannus verticalis*	Fly over
Loggerhead shrike	*Vireo cassinii*	Observed along southern border of project site 2011.
Western scrub-jay	*Aphelocoma californica*	Throughout project site.
Bullock's oriole	*Icterus bullockii*	Eucalyptus trees
American crow	*Corvus brachyrhynchos*	Throughout project site.
Common raven	*Corvus corax*	Throughout project site.
California quail	*Callipepla californica*	Throughout project site.
Tree swallow	*Tachycineta bicolor*	Throughout project site.
Northern rough-winged swallow	*Stelgidopteryx serripennis*	Throughout project site.
Barn swallow	*Hirundo rustica*	Throughout project site.
Meadowlark	*Sturnella neglecta*	Fly over
Bushtit	*Psaltriparus minimus*	Throughout project site.
Ruby-crowned kinglet	*Regulus calendula*	Fly over
American robin	*Turdus migratorius*	Fly over
Northern mockingbird	*Mimus polyglottos*	Throughout project site.
European starling (*Exotic*)	*Sturnus vulgaris*	Throughout project site.
Cedar waxwing	*Bombycilla cedrorum*	Fly over
Yellow-rumped warbler	*Dendroica coronata*	Fly over
Savannah sparrow	*Passerculus sandwichensis*	Fly over
Song sparrow	*Melospiza melodia*	Fly over
Golden-crowned sparrow	*Zonotrichia atricapilla*	Eucalyptus trees
White-crowned sparrow	*Zonotrichia leucophrys*	Nesting in trees on site
Dark-eyed junco	*Junco hyemalis*	Foraging in laydown area
Red-winged blackbird	*Agelaius phoeniceus*	Wetland E
Brewer's blackbird	*Euphagus cyanocephalus*	Wetland E and one individual observed dead just off site 2011.
House finch	*Carpodacus mexicanus*	Nesting in trees on site.
House sparrow (*Exotic*)	*Passer domesticus*	Fly over.
MAMMALS		
California vole	*Microtus californicus*	Throughout project site

Cumulative Wildlife Species Observed in or Near the OGS Project Area		
Common Name	**Scientific Name**	**Comments**
Botta's pocket gopher	*Thomomys bottae*	Throughout project site. August 2011, 3 gophers captured and relocated, 1 individual killed during grading.
Coyote	*Canis latrans*	Numerous sightings on site.
California ground-squirrel	*Spermophilus beecheyi*	Throughout project site
Fox squirrel	*Sciurus niger*	Eucalyptus trees
Striped skunk	*Mephitis mephitis*	Observed during night time surveys
Black tailed hare	*Lepus californicus*	Throughout project site
Raccoon	*Procyon lotor*	Throughout project site
Feral cat	*Felis catus*	Throughout project site
AMPHIBIANS AND REPTILES		
*Pacific chorus tree frog	*Hyla regilla*	Wetland E and one individual observed within an existing vault on site.
*Gopher snake	*Pituophis melanoleucus*	Observed 2 different individuals near Wetland E, 2011. August 2011 captured 2 gopher snakes and released off site, 1 individual killed during grading.
Western fence lizard	*Sceloporus occidentalis*	Laydown area, pipeline route and Energy Center footprint

* Indicates new observance or additional information

Appendix B
Site Photos

Photo 1, mass grading of the power block, 9/6/11.

Photo 2 of gopher snake after capture near the eastern edge of the power block by the Designated Biologist, 9/6/11.

Photo 3 of gopher snake as it is being safely released off site, 9/6/11.

Photo 4 of gopher snake observed near pile testing equipment, 9/14/11.

Photo 5 of Phil Reid OGS Cultural Resource Monitor capturing a gopher snake adjacent to pile testing equipment, 9/14/11.

Photo 6 of gopher snake after capture and safe release off site, 9/14/11.

Photo 7 of auguring for test piles, 9/15/11.

Photo 8 of excavation for rip rap outfall to Wetland E prior to placement of rip rap facing east, 9/15/11.

Photo 9 of excavation for rip rap outfall to Wetland E prior to placement of rip rap facing west, 9/15/11.

Photo 10 of northern bank of Wetland E, 9/15/11.

Photo 11 close up of northern edge of Wetland E with intermittent standing water, 9/15/11.

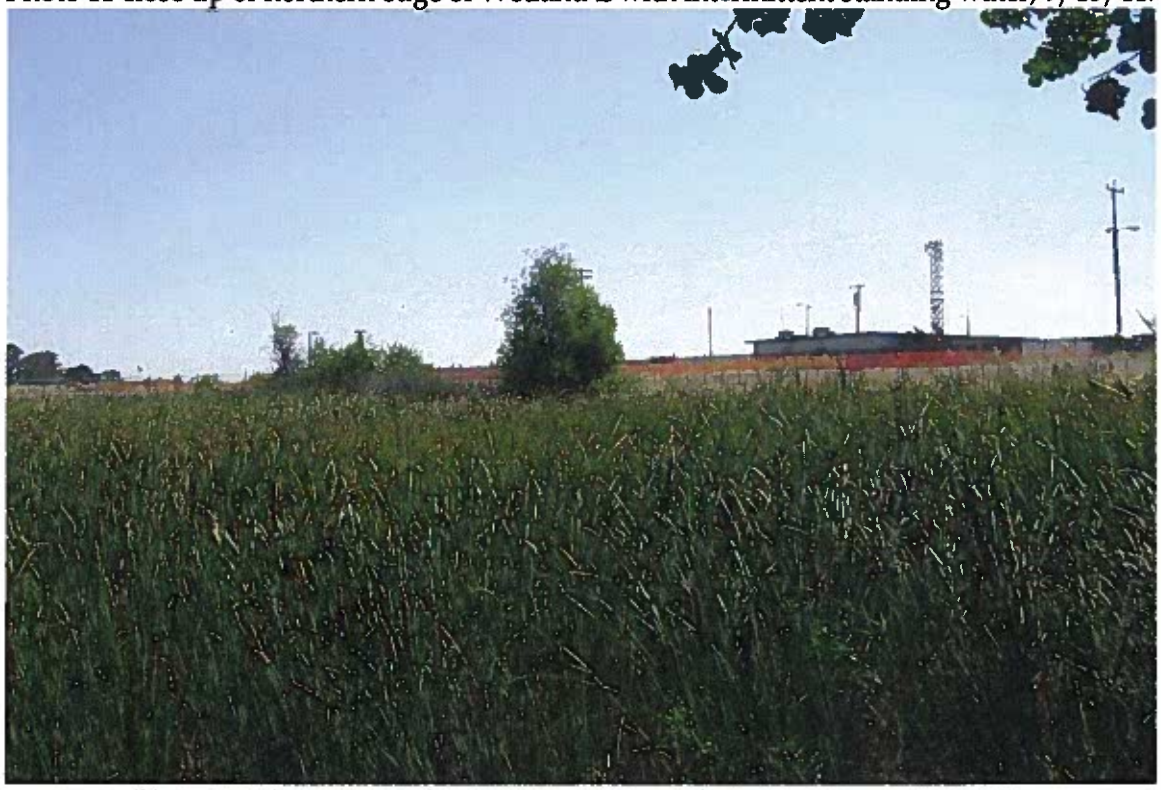

Photo 12 of Wetland E from northwest bank facing southeast, 9/15/11.

Photo 13 of Wetland E from southwest bank facing northeast, 9/15/11.

Photo 14 of Wetland E from southeast bank facing northwest, 9/15/11.

Photo 15 of area between western edge of detention pond and Wetland E facing south with BMP's in place, 9/15/11.

Photo 16, of stockpile area 2 with BMP's being installed, 9/15/11.

Photo 17 of stockpile area 3 with BMP's being installed, 9/15/11.

Photo 18, of existing gas pipeline excavation in southwest corner of power block, 9/21/11.

Photo 19, of pile testing equipment, 9/21/11.

Photo 20, of rip-rapped outfall to Wetland E, 9/21/11.

Photo 21, of rip-rapped outfall with detention pond in the background, 9/21/11.

Photo 22, southeast portion of power block after rough excavation, 9/21/11.

Photo 23, of western portion of power block after rough excavation, 9/21/11.

Photo 24, of northwestern portion of power block after deep excavation, 9/21/11.

Photo 25, of stockpile 3 after hydro-seeding, 9/26/11.

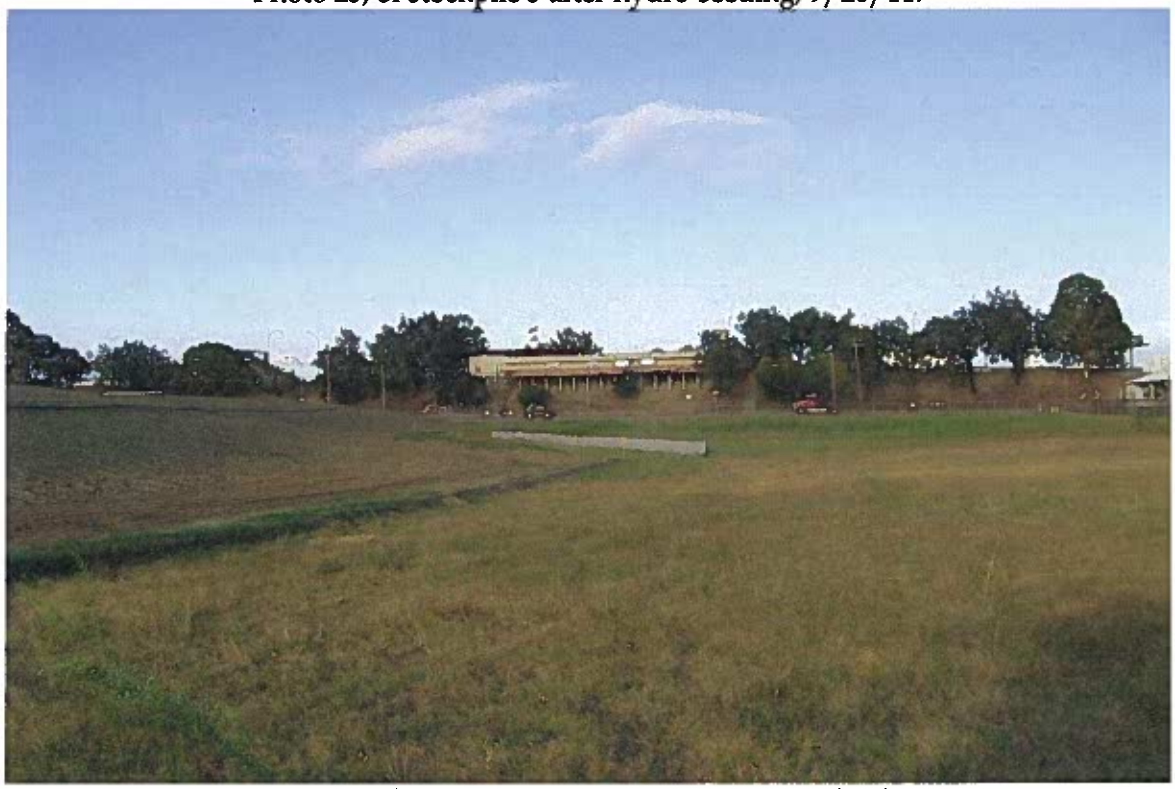

Photo 26, of Wetland D with BMP's in place, 9/26/11.

Photo 27, Wetland F with BMP's in place, 9/26/11.

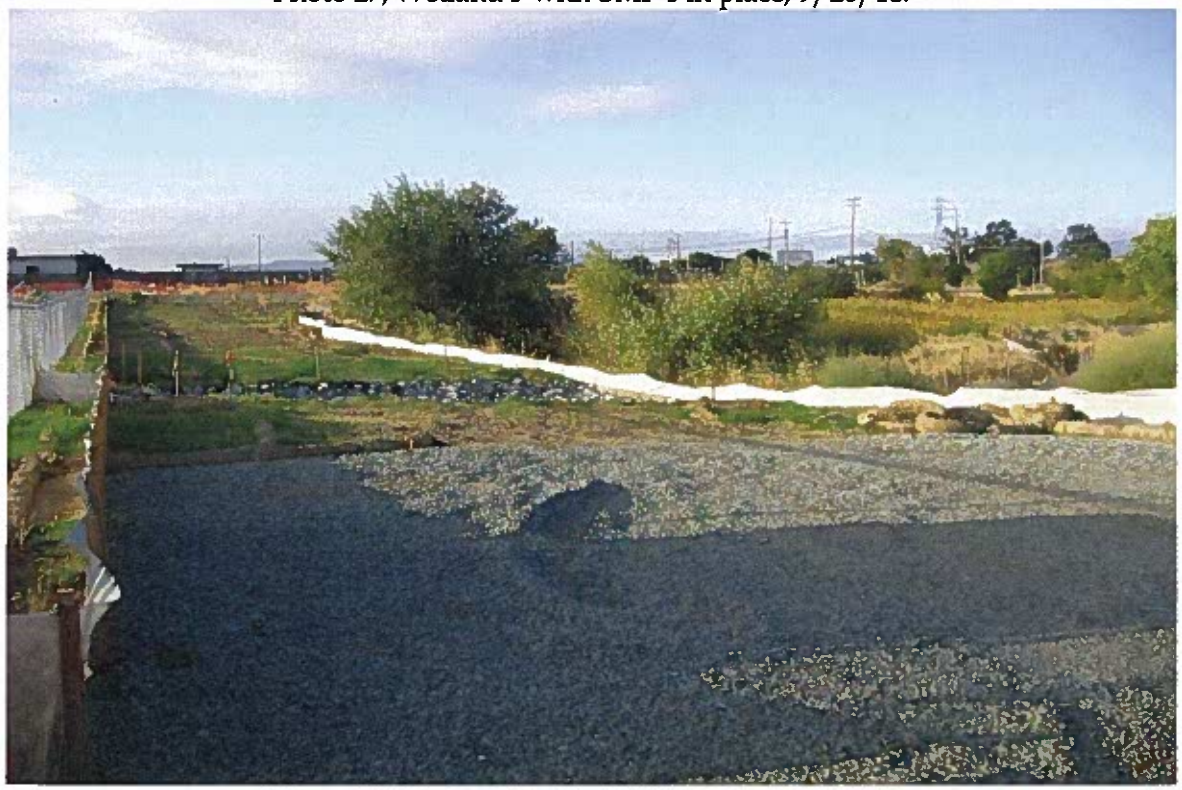

Photo 28, Wetland E with BMP's in place, 9/26/11.

Photo 29, of erosion control blanket being placed in bio-swale along northern edge of the OGS site, 9/26/11.

Photo 30, of OGS site facing west, 9/26/11.

Photo 31, of erosion control blanket being placed in bio-swale along northern edge of the OGS site, 9/26/11.

Appendix C
Wildlife Observation Forms

Figure G-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found In Oakley Generating Station Project Areas

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

Name of employee: Dave/Granite Construction

Date: 9-6-11

Location of observation: Easter edge of power-block

Wildlife Species: gopher snake

Condition of wildlife:

alive [X] dead [ ]

Possible cause of injury or death: N/A

Where is the animal currently? Safely captured and released off site

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

Comments: The DB received a call from Dave concerning the observation of a gopher snake, the DB captured and relocated the snake safely off site

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: Rick Crowe Cell (916) 296-5525 Office (916) 286-0416
BIOLOGICAL FIELD MONITORS: Dan Williams Cell (9160 943-8247 Office (916) 286-0229
Victor Leighton Cell (916-425-7862 Office (916) 286-0415

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

Figure G-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found In Oakley Generating Station Project Areas

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

Name of employee: Phillip Reed

Date: 9-14-2011

Location of observation: Test pilings in Future Plant Parking area

Wildlife Species: Gopher Snake

Condition of wildlife:

alive [X] dead [ ]

Possible cause of injury or death:

n/a

Where is the animal currently?

released off site

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

No

Comments: The snake was seen by the piling operator but it fell down an auger hole next to the mandrel. The snake was able to crawl back out of the hole, where it was captured and released off site.

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: Rick Crowe Cell (916) 296-5525 Office (916) 286-0416
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COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600

Figure G-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM

To Record Animals Found In Oakley Generating Station Project Areas

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

Name of employee: Phillip Reed

Date: 9-28-2011

Location of observation: In an existing gas valve box located in the South west Corner of the plant area

Wildlife Species: Tree frog

Condition of wildlife:

alive [X] dead [ ]

Possible cause of injury or death: n/a

Where is the animal currently? Released into wetland E

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

No

Comments: The frog was found by PGand E personel vacuum excavating within the vault. It was unharmed so I relocated it into wetland E.

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: Rick Crowe Cell (916) 296-5525 Office (916) 286-0416
BIOLOGICAL FIELD MONITORS: Dan Williams Cell (9160 943-8247 Office (916) 286-0229
Victor Leighton Cell (916-425-7862 Office (916) 286-0415

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

Monthly Report of Cultural Resources Monitoring Activities for the Oakley Generating Station Project for September 2011; COC CUL-6

Prepared For: Matt Trask, OGS Project Manager
Prepared By: Clint Helton/OGS Cultural Resource Specialist
Reporting For Period: September 2011

This report covers cultural resources monitoring activities at the Oakley Generating Station project for the month of September 2011, as required by Conditions of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Phillip Reid and Art Ruelas participated as CRMs for this month.

Monitoring and Associated Activities This Period

Monitoring of ground disturbance included rough grading of haul roads, installation of storm water lines and the conclusion of mass grading. The native soil is characterized as medium brown "flour" sand that darkens with organic materials at approximately 3.5 feet underlain by a 1 foot layer of orange brown silty san and yellow brown silty sandy clay to depth.

Cultural Resources Discoveries This Period

None.

Anticipated Changes in the Next Period

As of September 28, 2011, grading in the Phase 2 area is complete. Ground disturbance is not expected again until mid October or later for tree removal as well as possible laydown area, water line relocating or entrance road work. CRM Phil Reid has been directed by the CRS to stay in communication with construction personnel and report to the CRS once a week. The CRMs will be on-call to continue monitoring and to respond to discoveries if they occur.

Comments, Issues or Concerns

None.

Report of Paleontological Resources Monitoring Activities Oakley Generating Station; COC PAL-5

Prepared For: Matt Trask/SAC
Keith McGregor/SAC
Prepared By: Geof Spaulding, Oakley Paleontological Resources Specialist (PRS)
James Verhoff, Staff Paleontologist
Monitoring Period: September 2011
Date: October 4, 2011

This report covers paleontological resources monitoring activities at OGS project for the above noted period, as required by Conditions of Certification PAL-5.

Personnel Active in Paleontological Monitoring This Period

Personnel active in monitoring this period were:

Phil Reid

Monitoring and Associated Activities This Period

The PRMMP for this project establishes that sediments affected by excavations at the plant site possess low paleontological sensitivity. Therefore, a cross-trained cultural and paleontological resources monitor is being employed to monitor excavations at this site.

Excavations did not occur between 9/5 and 9/9/2011, and monitoring was not conducted during that time. Monitoring was temporarily halted again on 9/29/2011, as excavations into potentially sensitive sediment were completed.

Paleontological Resources Discoveries This Period

No paleontological material was identified.

Anticipated Activities in the Next Period

Monitoring will resume when excavations resume. Monitoring will continue to be conducted by a cross-trained paleontological and archaeological resources monitor.

Comments, Issues or Concerns

Excavations are at too shallow a depth to affect paleontologically sensitive sediment.

EXHIBIT 8

WEAP TRAINING DOCUMENTATION

Oakley
POWER CONSTRUCTORS

Safety/WEAP Orientation (09-AFC-4)

Contractor Name: Granite/GE

Oakley Generation Station

Date/Time: 9/6/11 - 8:00 AM

Description of Training/Meeting Materials & Subjects Covered:	Instructors/Trainers/Conductors:
OPC Project Loss Control Manual	Mark McKeon / Medrano
Worker Environmental Awareness Program Training	Rick Crowe

This is to certify these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP)/Safety training. The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials.

Attendees

#	Name (Printed)	Signature	Title/Craft	Company
0087	TOBY EVANS		SURVEYOR	F3
0088	JAMES PEACOCK (JIM)	James W. Peacock	CCGS Site MANAGER	CCGS
0089	Egidio Bettinelli		OPERATOR	Granite

Oakley
POWER CONTRACTORS

Safety/WEAP Orientation (09-AFC-4)

Contractor Name: FSC

Oakley Generation Station

Date/Time: 9/2/11 - 8:00 AM

Description of Training/Meeting Materials & Subjects Covered:	Instructors/Trainers/Conductors:
OPC Project Loss Control Manual	Mark McKeon
Worker Environmental Awareness Program Training	Rick Crowe

This is to certify these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP)/Safety training. The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials.

Attendees

#	Name (Printed)	Signature	Title/Craft	Company
✓	Mark Freeman	Mark Freeman	CM	OPC
✓	Roger Towle	Roger C Towle	Operator	FSC
✓	George R Naill Sr	GR Naill Sr	oiler	FSC
✓	Bob Menuey	Bob Menuey	Foreman/OP	FSC
✓	Wei Tu	[illegible]	Geotech Eng.	B&V
✓	MARVIN PHILLIPS	[illegible]	DRIVER	SAN EXPRESS

Oakley
POWER CONSTRUCTORS

Safety/WEAP Orientation (09-AFC-4)

Contractor Name: Cascade Drilling

Oakley Generation Station

Date/Time: 9/14/11 - 8:00 AM

Description of Training/Meeting Materials & Subjects Covered:	Instructors/Trainers/Conductors:
OPC Project Loss Control Manual	Mark McKeon
Worker Environmental Awareness Program Training	Rick Crowe

This is to certify these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP)/Safety training. The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials.

Attendees

#	Name (Printed)	Signature	Title/Craft	Company
V	Brett Ayers	[illegible]	HS/Drill	Cascade C.P
V	J. Admire	[illegible]	Helper/Driller	CDCP
V	Josh Marsh	[illegible]	HELPER/OPERATOR	CDCP

Page ___ of ___

Oakley
POWER CONSTRUCTORS

Safety/WEAP Orientation (09-AFC-4)

Contractor Name: PG&E / Granite

Oakley Generation Station

Date/Time: 9/19/11 - 8:00 AM

Description of Training/Meeting Materials & Subjects Covered:	Instructors/Trainers/Conductors:
OPC Project Loss Control Manual	Mark McKeon
Worker Environmental Awareness Program Training	Rick Crowe

This is to certify these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP)/Safety training. The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials.

Attendees

#	Name (Printed)	Signature	Title/Craft	Company
✓	Daniel Sanchez	[illegible]	Structur Sup	Granite
✓	MARCIAL CARMONA	[illegible]	Carpenter	Granite
✓	Jason Bruni	Jason Bruni	Engineer	PG&E
✓	Garrett Rich	Garrett Rich	Foreman	PG&E
✓	Bret Scheiding	[illegible]	MEO	PGE
✓	Benjamin PARROT	[illegible]	UT. WORKER	PGE

Oakley
POWER CONSTRUCTORS

Safety/WEAP Orientation (09-AFC-4)

Contractor Name: Drill Tech

Oakley Generation Station

Date/Time: 9/22/11 - 7:00 AM

Description of Training/Meeting Materials & Subjects Covered:	Instructors/Trainers/Conductors:
OPC Project Loss Control Manual	Mark McKeon
Worker Environmental Awareness Program Training	Rick Crowe

This is to certify these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP)/Safety training. The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials.

Attendees

#	Name (Printed)	Signature	Title/Craft	Company
V	Scott Eichenberger	[illegible]	Foreman/Labor	Drill Tech
V	Alfredo Santana	[illegible]	Laborer	Drill tech
V	PETER PEASE	[illegible]	Load Tester	FSC
V	Ryan Riesinger	[illegible]	Labor	FHI
V	DAN Klopson	[illegible]	Foreman	"
V	Derek Lewis	[illegible]	Labor	FHI
V	Peter Bentsen	[illegible]	Labor	FHI

Oakley
POWER CONSTRUCTORS

Safety/WEAP Orientation (09-AFC-4)

Contractor Name: PG&E

Oakley Generation Station

Date/Time: 9/26/11 - 9:00 AM

Description of Training/Meeting Materials & Subjects Covered:	Instructors/Trainers/Conductors:
OPC Project Loss Control Manual	Mark McKeon
Worker Environmental Awareness Program Training	Rick Crowe

This is to certify these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP)/Safety training. The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials.

Attendees

#	Name (Printed)	Signature	Title/Craft	Company	
0091	MUSTAFA GENCER		PM DE - PG&E	WORLEY PARSONS	
0092	Gary Pratt		ME - Eng.	Worley - Parsons	
0093	JON MARING		SNR. DIRECTOR	PG&E	
0094	BEN STANLEY		GATEWAY OPERATIONS	PG&E	
0095	Dena Parish		PG&E ENV. COMP.	PG&E	
[redacted]	Zenis Walker		ENV. COMPL. MGR.	CCGS	End Time
0097	MELANI McGINNIS		Site Admin	PG&E	
0096	James Culp III		Junior Exec.	ALB. Inc	

EXHIBIT 9

CONSTRUCTION SAFETY DOCUMENTATION

CONSTRUCTION SAFETY

During the reporting period, 31 personnel received a safety orientation. To date, OPC has conducted safety orientation for 122 personnel, which includes representatives from CCGS, CEC, ALB, CCCBID, and CH2MHill. The project has logged 11,373 hours without a lost-time incident.

LOSS MANAGEMENT MONTHLY SUMMARY

B&V Info | Sub Info | Totals

Fill Out Blue & Green Sections Only

Project/ Office Name	Project #	Contact Name	% Complete	Sector/ Division	Region	Business Line	Company	September-11	# Employee's	Man-Hours Worked	Days Away From Work Cases	Restricted/Transferred Cases	All Other Recordables	Total	Days Lostts	First Aid Cases	Near Miss Cases	Vehicle Accidents	Pre Employment	Failures	% Failure	Post Accident	Failures	% Failure	Probable Cause	Failures	% Failure	Random	Failures	% Failure	Personal Violations	Company Violations
									Medical Treatment Cases										Drug Testing											Violations	
Oakley Generation	172939	Mark McKeon	3%	Energy	West	Power Gen	BVCI	Monthly	5	843	0	0	0	0	0	0	0	0	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0
								Year to Date	5	3,498	0	0	0	0	0	0	0	0	4	0	0.00%	0	0	0.00%	0	0	0.00%	1	0	0.00%	0	0
								Project to Date	5	3,498	0	0	0	0	0	0	0	0	4	0	0.00%	0	0	0.00%	0	0	0.00%	1	0	0.00%	0	0
									Subcontractor Information																							
									Medical Treatment Cases										Drug Testing											Violations	
									# Employee's	Man-Hours Worked	Days Away From Work Cases	Restricted/Transferred Cases	All Other Recordables	Total	Days Lostts	First Aid Cases	Near Miss Cases	Vehicle Accidents	Pre Employment	Failures	% Failures	Post Accident	Failures	% Failures	Probable Cause	Failures	% Failures	Random	Failures	% Failures	Personal Violations	Company Violations
								Monthly	16	2,669	0	0	0	0	0	0	0	0	2	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0
								Year to Date	16	7,875	0	0	0	0	0	3	0	0	46	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0
								Project to Date	16	7,875	0	0	0	0	0	3	0	0	46	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0
									Total Information																							
									Medical Treatment Cases										Drug Testing											Violations	
									# Employee's	Man-Hours Worked	Days Away From Work Cases	Restricted/Transferred Cases	All Other Recordables	Total	Days Lostts	First Aid Cases	Near Miss Cases	Vehicle Accidents	Pre Employment	Failures	% Failures	Post Accident	Failures	% Failures	Probable Cause	Failures	% Failures	Random	Failures	% Failures	Personal Violations	Company Violations
								Monthly	21	3,512	0	0	0	0	0	0	0	0	2		0.00%	0		0.00%	0		0.00%	0		0.00%	0	0
								Year to Date	21	11,373	0	0	0	0	0	3	0	0	50		0.00%	0		0.00%	0		0.00%	1		0.00%	0	0
								Project to Date	21	11,373	0	0	0	0	0	3	0	0	50		0.00%	0		0.00%	0		0.00%	1		0.00%	0	0

Decription of OSHA Recordable Injuries/Illnesses:

Contractor's Name	Recordable/Days Away From Work/Restricted Duty Case	Body Part	Cause/Injury	Description

Near Miss Cases:

Contractor's Name	Description

EXHIBIT 10

COMPLIANCE MATRIX

OAKLEY GENERATING STATION PROJECT - CEC COMPLIANCE MATRIX **Update: 9/30/11**

Technical Area	Cond. No.	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of CBO/CPM Approval	Status	Amendment Date	Responsibility	Notes
AQ	AQ-SC1	CONS	Designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with **AQ-SC3, AQ-SC4, and AQ-SC5** for the entire project site and linear facility construction. The on-site AQCMM may delegate responsibilities to one or more AQCMM delegates. The AQCMM shall not be terminated without written consent of the CPM.	Submit to the CPM for approval and for consultation with the Oakley City Engineer, the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM delegates. The AQCMM and all delegates must be approved by the CPM before the start of ground disturbance.	Resume of AQCMM & Delegates	At least 60 days prior to ground disturbance	Ongoing		Complete	NA	CH2	Initial submittal on 4/20/11. Mark McKeon (OPC) is the AQCCM for the power plant site. Dena Parish (PG&E) and Rodrigo Villanueva (PG&E) are the AQCMM and AQCCM Delegate for the transmission line. Additional submittals are required if the AQCMM or delegate are replaced.
AQ	AQ-SC2	PC	Provide, for approval, an AQCMP that details the steps to be taken and the reporting requirements necessary to ensure compliance with conditions of certification **AQ-SC3, AQ-SC4 and AQ-SC5.**	Submit the AQCMP to the CPM for approval and for consultation with the Oakley City Engineer. The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance			Complete	NA	CH2	
AQ	AQ-SC3	CONS	Submit documentation to the CPM in each MCR that demonstrates compliance with mitigation measures (a) through (m) in the Condition for purposes of preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval.	The MCR shall include: (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the air district in relation to project construction; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	MCR	Monthly	Ongoing		In-progress	NA	EPC/CCGS	
AQ	AQ-SC4a	CONS	AQCMM or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes with the potential to be transported off the project site, 200 feet beyond the centerline of the construction of linear facilities, or within 100 feet upwind of any regularly occupied structures not owned by the owner/operator indicate that existing mitigation measures are not providing effective mitigation. The AQCMM or delegate shall then implement Steps 1 through 3 in the condition in the event such visible dust plumes are observed.		see AQ-SC2	Throughout Construction	Ongoing		In-progress	NA	EPC	
AQ	AQ-SC4b	PC	Include additional monitoring measures for visible dust plumes in AQCMP required by AQ-SC2.	The AQCMP shall include a section detailing how additional mitigation measures will be accomplished within the specified time limits.	AQCMP	At least 60 days prior to ground disturbance			Complete	NA	CH2	
AQ	AQ-SC5	CONS	Submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with mitigation measures (a) through (f) in the Condition AQ-SC5 for purposes of controlling diesel construction related emissions. Any deviation from the mitigation measures shall require prior CPM notification and approval.	Include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	MCR	Monthly	Ongoing		In-progress	NA	EPC	
AQ	AQ-SC6a	CONS	Any modification to any project air permit that is proposed by the project owner, the District, or U.S. EPA shall be submitted to the CPM for review and approval.	Submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	(If Needed)	Within 5 working days of proposing permit modification	As-needed		As-needed	NA	CCGS	
AQ	AQ-SC6b	CONS	Any revised permit issued by the District or U.S. EPA for the project shall be submitted to the CPM for review and approval.	Submit all modified air permits to the CPM within 15 days of receipt.	(If Needed)	Within 15 days of receipt of permit revision	As-needed		As-needed	NA	CCGS	
AQ	AQ-SC7a	PC	The project owner shall provide emission reductions in the form of emission reduction credits (ERCs) in the quantities of at least 98.78 tons per year (tpy) NOx, and 29.60 tpy VOC. The project owner shall demonstrate that the reductions are provided in the form required by the Bay Area Air Quality Management District. The project owner shall surrender the ERCs from among Bay Area Air Quality Management District Certificate Numbers 1241, 1242, and/or 1245, or a modified list, as allowed by this condition.	The project owner shall submit to the CPM records showing that the project's offset requirements have been met prior to initiating construction.	ERC's	Prior to construction			Complete	NA	CCGS	
AQ	AQ-SC7b	PC	If additional ERCs are submitted, the project owner shall submit a modified list including the additional ERCs to the CPM. The project owner shall request CPM approval for any substitutions, modifications, or additions to the listed credits. The CPM, in consultation with the District, may approve any such change to the ERC list provided that the project remains in compliance with all applicable laws, ordinances, regulations, and standards, and that the requested change(s) will not cause the project to result in a significant environmental impact. The District must also confirm that each requested change is consistent with applicable federal and state laws and regulations.	If the CPM approves a substitution or modification to the list of ERCs, the CPM shall file a statement of the approval with the project owner and the Energy Commission docket. The CPM shall maintain an updated list of approved ERCs for the project.	See AQ-SC7a	Prior to construction			Complete	NA	CEC	

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AQ	AQ-SC8a	CONS	The project owner shall mitigate 63.88 tons per year (tpy) of PM10/PM2.5 and 12.55 tpy of SOx emissions. The project owner shall provide initial funding for emission reduction projects and administrative fees to the Bay Area Clean Air Foundation in the amount of $500,000 within 90 days after the issuance of the Authority to Construct (ATC) Permit.	The project owner shall submit to the CPM confirmation that the appropriate initial funding has been provided within 90 days after the issuance of the ATC Permit.	Initial Funding of the Bay Area Clean Air Foundation	Within 90 days after the issuance of the ATC Permit	30-Mar-00		Complete	NA	CCGS	ATC Permit issued on 6/2/11. Funds wired on 8/31/11.
AQ	AQ-SC8b	CONS	The project owner shall mitigate 63.88 tons per year (tpy) of PM10/PM2.5 and 12.55 tpy of SOx emissions. The project owner shall provide additional funding to the Bay Area Clean Air Foundation on a monthly basis as necessary to fund the qualifying emission reduction projects selected for that month.	The project owner shall provide quarterly summaries of the emission reduction project selection information to the CPM for review until such time that all funds have been committed by the Bay Area Clean Air Foundation to qualifying projects.	Quarterly summaries until funds are committed	Quarterly	TBD		Not Started	NA	CCGS	
AQ	AQ-SC8c	CONS	The project owner shall make a final demonstration of the quantity and schedule of all emission reductions sponsored by the funding at least 30 days prior to first turbine fire.	Additionally, the project owner shall submit to the CPM confirmation that the appropriate funding has been provided to the Bay Area Clean Air Foundation at least 30 days prior to turbine first fire.	Confirmation that appropriate funding has been provided	At least 30 days prior to first turbine fire	TBD		Not Started	NA	CCGS	
AQ	AQ-SC9	OPS	Submit to the CPM quarterly operation reports that include operational and emissions information as necessary to demonstrate compliance with the conditions of certification. The quarterly operation report shall specifically note or highlight incidences of noncompliance.	Submit quarterly operation reports to the CPM and APCO. This information shall be maintained on site for a minimum of five years and shall be provided to the CPM and District personnel upon request.	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	Maintain information on site for a minimum of 5 years.
AQ	AQ-SC10	COMM	The facility shall be operated such that simultaneous commissioning of the two combustion turbines will not occur without abatement of nitrogen oxide and CO emissions by its SCR system and oxidation catalyst system will not occur. Operation of one combustion turbine during commissioning without abatement shall be limited to times when the second combustion turbine is either non-operational or in compliance with emission limits for routine operation.	Submit a monthly compliance report to the CPM during the commissioning period demonstrating compliance with this condition.	MCR	Monthly	Ongoing		In-progress	NA	EPC	
AQ	AQ-1	COMM	Minimize emissions of carbon monoxide and nitrogen oxides from S-1 and S-2 Gas Turbines to the maximum extent possible during the commissioning period.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	EPC	
AQ	AQ-2	COMM	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the owner/operator shall tune the S-1 and S-2 Gas Turbines combustors to minimize the emissions of carbon monoxide and nitrogen oxides.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	EPC	
AQ	AQ-3	COMM	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the owner/operator shall install, adjust, and operate the A-2 and A-4 Oxidation Catalysts and A-1 and A-3 SCR Systems to minimize the emissions of carbon monoxide and nitrogen oxides from S-1 and S-2 Gas Turbines.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	EPC	
AQ	AQ-4	CONS	Submit a plan to the District Engineering Division and the CEC CPM at least four weeks prior to first firing of S-1 and S-2 Gas Turbines describing the procedures to be followed during the commissioning of the gas turbines. The plan shall include the a description of each commissioning activity, the anticipated duration of each activity in hours, and the purpose of the activity. The activities described shall include, but not be limited to, the tuning of the Dry-Low-NOX combustors, the installation and operation of the required emission control systems, the installation, calibration, and testing of the CO and NOX continuous emission monitors, and any activities requiring the firing of the Gas Turbines (S 1 and S 2) without abatement or with partial abatement by their respective oxidation catalysts and/or SCR Systems. The Gas Turbines (S-1 or S-2) shall not be fired sooner than 28 days after the District receives the commissioning plan.	Submit a commissioning plan to the CPM and APCO for approval describing the procedures to be followed during the commissioning period and the anticipated duration of each commissioning activity.	Commissioning Plan	At least 4 weeks prior to first firing of the gas turbine	TBD		Not Started	NA	EPC	
AQ	AQ-5	COMM	During the commissioning period, demonstrate compliance with AQ-7, AQ-8, and AQ-9 through the use of properly operated and maintained continuous emission monitors and data recorders for the parameters and emission concentrations listed in this condition. The monitored parameters shall be recorded, and District-approved calculation methods shall be used, as outlined in this condition. Records shall be retained on site for at least 5 years from the date of entry and such records will be made available to District personnel upon request.	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4.	see AQ-4	At least 4 weeks prior to first firing of the gas turbine	TBD		Not Started	NA	EPC	

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AQ	AQ-6	COMM	Install, calibrate, and operate the District-approved continuous monitors specified in AQ-5 prior to first firing of the Gas Turbines (S-1 and S-2). After first firing of the turbines, adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NOx emission concentrations. The instruments shall operate at all times of operation of S-1 and S-2 including start-up, shutdown, upset, and malfunction, except as allowed by BAAQMD Regulation 1-522, BAAQMD Manual of Procedures, Volume V. If necessary to comply with this requirement, the project owner shall install dual-span monitors. The type, specifications, and location of these monitors shall be subject to District review and approval.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	--	Prior to first firing of the Gas Turbines	TBD		Not Started	NA	EPC	
AQ	AQ-7	COMM	The Gas Turbines shall not be fired without abatement of nitrogen oxide emissions and/or abatement of CO emissions, as described in this condition. Such operation of any Gas Turbine without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR system and/or oxidation catalyst in place. Upon completion of these activities, provide written notice to the District Engineering Division and Compliance and Enforcement Division and the unused balance of the 831 firing hours for each turbine without abatement shall expire.	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	see AQ-4 / Quarterly Operation Report	Upon Completion of activities	TBD		Not Started	NA	EPC	
AQ	AQ-8	COMM	The total mass emissions of nitrogen oxides, carbon monoxide, precursor organic compounds, PM10, and sulfur dioxide that are emitted by the Gas Turbines (S-1 and S-2) during the commissioning period shall accrue towards the consecutive twelve-month emission limitations specified in AQ-43.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	EPC	
AQ	AQ-9	COMM	The Gas Turbines (S-1 and S-2) shall not be operated in a manner such that the pollutant emissions from the turbines will exceed the limits in this condition during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	EPC	
AQ	AQ-10	OPS	Fire the Gas Turbines (S-1 and S-2) exclusively on PUC-regulated natural gas with a maximum sulfur content of 1 grain per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of S-1 and S-2 shall sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas. PG&E monthly sulfur data may be used provided that such data can be demonstrated to be representative of the gas delivered to the OGS.	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-11	OPS	The units shall not be operated such that the heat input rate to each Gas Turbine (S-1 and S-2) exceeds 2,150 MMBtu (HHV) per hour.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-12	OPS	The units shall not be operated such that the heat input rate to each Gas Turbine (S-1 and S-2) exceeds 51,600 MMBtu (HHV) per day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-13	OPS	The units shall not be operated such that the combined cumulative heat input rate for the Gas Turbines (S-1 and S-2) exceeds 35,397,277 MMBtu (HHV) per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-14	OPS	Ensure that each Gas Turbine (S-1 and S-2) is abated by the properly operated and properly maintained Selective Catalytic Reduction (SCR) System A-1 or A-3 and Oxidation Catalyst System A-2 or A-4 whenever fuel is combusted at those sources and the corresponding SCR catalyst bed (A-1 or A-3) has reached minimum operating temperature.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-15	OPS	The Gas Turbines (S-1 and S-2) shall comply with requirements (a) through (f) in this condition. Requirements (a) through (f) do not apply during a gas turbine start-up, and shutdown.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-16	OPS	The regulated air pollutant mass emission rates from each of the Gas Turbines (S-1 and S-2) during a start-up or shutdown shall not exceed the limits established in this condition (shown in Table).	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-17a	OPS	The owner/operator shall not perform combustor tuning on each Gas Turbine (S-1 or S-2) more than twice in any consecutive 12 month period. Each tuning event shall not exceed 8 hours. Combustor tuning shall only be performed on one gas turbine per day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-17b	OPS	The owner/operator shall notify the District Engineering Division and Compliance and Enforcement Division no later than 24 hours prior to combustor tuning activity, except in exigent circumstances.	Owner/operator shall notify by the District and CPM at least 7 days prior to the combustor tuning.	Notification	No later than 24 hours prior to tuning activity	TBD		Not Started	NA	CCGS	

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AQ	AQ-17c	OPS	If exigent circumstances arise, the owner/operator shall notify the District Engineering Division and Compliance and Enforcement Division in writing 24 hours prior to combustor tuning activity detailing the circumstances.	Owner/operator shall notify by the District and CPM at least 24 hours prior to the combustor tuning.	Notification	No later than 24 hours prior to tuning activity	TBD		Not Started	NA	CCGS	
AQ	AQ-17d	OPS	Emissions during combustor tuning from each gas turbine shall not exceed the hourly limits established in this condition and shall not exceed hourly limits established by the District based on emissions data obtained during the first tuning event for each turbine. The owner/operator shall measure and record mass emissions of NOx and CO using the continuous emissions monitors during tuning and shall measure POC emissions during the first tuning after the first turbine has been commissioned using a District-approved source test method. The owner/operator shall seek District approval of the test method in accordance with **AQ-29** below.	A summary of significant operations and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-17e	OPS	Owner/operator shall submit the record of NOx, CO and POC emissions during the first tuning event after the first turbine has been commissioned to the District within 60 days after the first tuning event.	A summary of significant operations and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).		No later than 60 days following the event.	TBD		Not Started	NA	CCGS	
AQ	AQ-17f	OPS	The District shall establish mass emissions limits for the future tuning events based on this test data and shall notify the owner/operator of these limits.			After first tuning event	TBD		Not Started	NA	District	
AQ	AQ-18	OPS	Total emissions from the Gas Turbines (S-1 and S-2), including emissions generated during gas turbine start-ups and shutdowns, shall not exceed the limits (a) through (c) of this condition during any calendar day (except for days during which combustor tuning events occur, which are subject to condition AQ-19).	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-19	OPS	Total emissions from each Gas Turbine (S-1 and S-2), including emissions generated during gas turbine start-ups, shut-downs, and combustor tuning events shall not exceed the limits (a) through (c) of this condition during any calendar day on which a tuning event occurs.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-20	OPS	The maximum projected annual toxic air contaminant emissions (per AQ-23) from the Gas Turbines (S-1 and S-4) combined shall not exceed the limits in this condition. A health risk assessment shall be performed using the emission rates determined by the procedures described in this condition. The risk analysis shall be submitted to the District and the CEC CPM within 60 days of the source test date. The owner/operator may request that the District and the CEC CPM revise the carcinogenic compound emission limits, as described in this condition. If the owner/operator demonstrates to the satisfaction of the APCO that these revised emission limits will not result in a significant cancer risk, the District and the CEC CPM may, at their discretion, adjust the carcinogenic compound emission limits listed in this condition.	Source test results obtained through compliance with AQ-23 and AQ-27 shall confirm the toxic air contaminant emission rates or the project owner shall submit an updated health risk assessment.	Health Risk Assessment (if needed)	Within 60 days of the source testing date	TBD		Not Started	NA	CCGS	
AQ	AQ-21	OPS	Compliance with AQ-11 through AQ-13, AQ-15(a) through AQ-15(d), AQ-16 (NOX, and CO limits), AQ-17 (NOx, and CO limits), AQ-18(a), AQ-18(b), AQ-19(a), 19(b), AQ-43(a) and AQ-43(b) shall be demonstrated by using properly operated and maintained continuous monitors (during all hours of operation including gas turbine startup, and shutdown periods). The project owner shall monitor for parameters (a) through (k) of this condition.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the continuous monitoring and recordkeeping system is properly installed and operational.	--	Throughout Operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-22	OPS	To demonstrate compliance with AQ-15(f), AQ-18(c), AQ-19(c), and AQ-43(c), calculate and record on a daily basis, the mass emissions from each power train as listed in this condition. Use the criteria listed in this condition to calculate these emissions, and present the calculated emissions in format (a) and (b) of this condition.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational.	--	Throughout Operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-23	OPS	To demonstrate compliance with AQ-20, calculate and record on an annual basis the maximum projected annual emissions of: Formaldehyde, Benzene, and Specified PAHs. Calculate the maximum projected annual emissions using the factors described in this condition. Use of a reduced annual heat input rate to calculate the maximum projected annual emissions shall be subject to District review and approval.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational.	--	Throughout Operation	Ongoing		Not Started	NA	CCGS	

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AQ	AQ-24a	COMM	Within 90 days of the beginning of the start-up period (as defined in Regulation 2-1-210) of each of the OGS 7FA units or as otherwise approved by the APCO, conduct a District-approved source test on exhaust point P-1 and P-2 to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-15(e). (See Condition AQ-25 for purpose and method of test.) Ongoing compliance with AQ-15(e) shall be demonstrated through calculations of corrected ammonia concentrations based upon the source test correlation and continuous records of ammonia injection rate. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Source test within 90 operating days of startup. Submit results within 60 days of the source testing	TBD		Not Started	NA	EPC	
AQ	AQ-24b	OPS	On an annual basis, conduct a District-approved source test on exhaust point P-1 and P-2 to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-15(e). (See Condition AQ-24 for purpose and method of test.) Ongoing compliance with AQ-15(e) shall be demonstrated through calculations of corrected ammonia concentrations based upon the source test correlation and continuous records of ammonia injection rate. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Source test annually. Annual Testing/Results submitted within 60 days of the source testing	Ongoing		Not Started	NA	CCGS	
AQ	AQ-25a	COMM	Within 90 days of the beginning of the start-up period (as defined in Regulation 2-1-210) of each of the OGS GE 7FA units or as otherwise approved by the APCO, conduct a District-approved source test on exhaust points P-1 and P-2 while each Gas Turbine is operating at maximum load to determine compliance with AQ-15(a), AQ-15(b), AQ-15(c), AQ-15(d), AQ-15(f), and to establish the emissions factors to be used to demonstrate compliance with AQ-43(d) and AQ-43(e); and while each Gas Turbine is operating at minimum load to determine compliance with AQ-15(c) and AQ-15(d); and to verify the accuracy of the continuous emissions monitors required in AQ-21. Test for (as a minimum) the elements listed in this condition. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests. The project owner may conduct up to four tests per year for total particulate matter including condensable particulate matter.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-29). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Source test within 90 operating days of first fire. Submit results within 60 days of the source testing	TBD		Not Started	NA	EPC	
AQ	AQ-25b	OPS	On an annual basis, conduct a District-approved source test on exhaust points P-1 and P-2 while each Gas Turbine is operating at maximum load to determine compliance with AQ-15(a), AQ-15(b), AQ-15(c), AQ-15(d), AQ-15(f), and to establish the emissions factors to be used to demonstrate compliance with AQ-42(d) and AQ-42(e); and while each Gas Turbine is operating at minimum load to determine compliance with AQ-15(c) and AQ-15(d); and to verify the accuracy of the continuous emissions monitors required in AQ-21. Test for (as a minimum) the elements listed in this condition [AQ-25]. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests. The project owner may conduct up to four tests per year for total particulate matter including condensable particulate matter.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-29). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Source test annually. Annual Testing/Results submitted within 60 days of the source testing	Ongoing		Not Started	NA	CCGS	
AQ	AQ-26a	OPS	Within 90 days of the beginning of the start-up period (as defined in Regulation 2-1-210) of each OGS GE 7FA units or as otherwise approved by the APCO, conduct District- and CEC-approved source tests for that Gas Turbine to determine compliance with the emission limitations specified in AQ-16. The source tests shall determine NOx, CO, and POC emissions during start-up and shutdown of the gas turbines. The POC emissions shall be analyzed for methane and ethane to account for the presence of unburned natural gas. The source test shall include a minimum of three start-up and three shutdown periods.	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4.	Conduct source test and protocol	Within 90 days of the beginning of the start-up period of each OGS GE 7FA units or as otherwise approved by the APCO	TBD		Not Started	NA	CCGS	
AQ	AQ-26b	OPS	Thirty working days before the execution of the source tests, the owner/operator shall submit to the District and the CEC Compliance Program Manager (CPM) a detailed source test plan designed satisfy the requirements of this Part. The District and the CEC CPM will notify the owner/operator of any necessary modifications to the plan within 20 working days of receipt of the plan; otherwise, the plan shall be deemed approved. The owner/operator shall incorporate the District and CEC CPM comments into the test plan. The owner/operator shall notify the District and the CEC CPM within seven (7) working days prior to the planned source testing date. Submit the source test results to the District and the CEC CPM within 60 days of the source testing date.	Submit the source test results to the District and the CEC CPM within 60 days of the source testing dates.	Source Test Results	Submit plan 30 days before source testing, provide results within 60 days of the source testing	TBD		Not Started	NA	CCGS	

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AQ	AQ-27a	COMM	Within 90 days of the beginning of the start-up period (as defined in Regulation 2-1-210) of the second of the OGS GE 7FA gas turbines or as otherwise approved by the APCO, conduct a District-approved source test on either exhaust point P-1 or P-2 while the Gas Turbine is operating at maximum allowable operating rates to demonstrate compliance with AQ-20. Also test the gas turbine while it is operating at minimum load. If three consecutive biennial source tests demonstrate that the annual emission rates calculated pursuant to AQ-23 for any of the compounds listed in this condition are less than 50% of the levels listed in AG-20 then the project owner may discontinue future testing for that pollutant.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29). Testing for toxic air contaminant emissions shall be conducted upon initial operation.	Source Test Results & Field Data	Source test within 90 operating days of first fire. Submit results within 60 days of the source testing	TBD		Not Started	NA	EPC	
AQ	AQ-27b	OPS	On a biennial basis (once every two years), conduct a District-approved source test on one of the following exhaust points P-1 or P-2 while the Gas Turbine is operating at maximum allowable operating rates to demonstrate compliance with AQ-20. Also test the gas turbine while it is operating at minimum load. If three consecutive biennial source tests demonstrate that the annual emission rates calculated pursuant to AQ-23 for any of the compounds listed in this condition are less than 50% of the levels listed in AQ-20 then the project owner may discontinue future testing for that pollutant.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29). Testing for toxic air contaminant emissions shall be conducted at least once every 24 months.	Source Test Results & Field Data	Source test every 2 years or until rates fall below level specified in condition. Biennial Testing/Results submitted within 60 days of the source testing	Ongoing		Not Started	NA	CCGS	
AQ	AQ-28a	COMM	Within 90 days of the beginning of the start-up period (as defined in Regulation 2-1-210) of each of the OGS GE 7FA gas turbines or as otherwise approved by the APCO, conduct a District-approved source test on one of the two exhaust points P-1 and P-2 while the gas turbine is operating at maximum heat input rates to demonstrate compliance with the total sulfuric acid mist emission rate specified in this condition. Test for (as a minimum) SO2, SO3, and H2SO4, and the sulfur content of the fuel. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-29). Testing for steady-state emissions shall be conducted upon initial operation.	Source Test Results & Field Data	Source test within 90 days of startup. Submit results within 60 days of the source testing	TBD		Not Started	NA	EPC	
AQ	AQ-28b	OPS	On an annual basis, conduct a District-approved source test on one of the two exhaust points P-1 and P-2 while the gas turbine is operating at maximum heat input rates to demonstrate compliance with the sulfuric acid mist emission rate specified in this condition. Test for (as a minimum) SO2, SO3, and H2SO4, and the sulfur content of the fuel. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted at least once every 12 months.	Source Test Results & Field Data	Source test annually. Annual Testing/Results submitted within 60 days of the source testing	Ongoing		Not Started	NA	CCGS	
AQ	AQ-29a	OPS	Obtain approval for all source test procedures from the District's Source Test Section and the CEC CPM prior to conducting any tests, comply with all applicable testing requirements for continuous emission monitors as specified in Volume V of the District's Manual of Procedures. Notify the District's Source Test Section and the CEC CPM in writing of the source test protocols and projected test dates at least 7 days prior to the testing date(s). Measure the contribution of condensable PM (back half) to any measurement of the total particulate matter or PM10 emissions. However, the owner/operator may propose alternative measuring techniques to measure condensable PM such as the use of a dilution tunnel or other appropriate method used to capture semi-volatile organic compounds.	Submit the proposed source test plan or protocol for the source tests seven days prior to the proposed source test date to both the District and CPM for approval. Notify the District and CPM no later than seven days prior to the proposed source test date and time.	Approval for and Conduct Source Tests	Notify at least 7 days prior to testing	TBD		Not Started	NA	CCGS	
AQ	AQ-29b	OPS	Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.			Submit results within 60 days of conducting tests	TBD		Not Started	NA	CCGS	
AQ	AQ-30	CONS	The stack height of emission points P-1 and P-2 shall each be at least 155.5 feet above grade level at the stack base.	Make the site available for inspection by representatives of the District, ARB and CEC.	--	Design and Throughout Operation	Incorporate into design		In-progress	NA	GE	BAAQMD Modeling was also based on a specific elevation. Need to make sure stack height and elevation grade match BAAQMD dispersion modeling (See Jim McLucas for questions).
AQ	AQ-31	CONS	Submit manufacturer's specifications and emissions guarantees for NOx and CO for the Auxiliary Boiler (S-3) to the District Engineering Division and the CEC CPM at least four weeks prior to first firing of Auxiliary Boiler (S-3).	At least 30 days prior to the installation of the Auxiliary Boiler provide District and CPM specifications for boiler.	Boiler Specifications	At least 30 days prior to installation of the Auxiliary Boiler	TBD		Not Started	NA	EPC	
AQ	AQ-32	COMM	If Oxidation Catalyst (A 5) is required, the owner/operator shall install, adjust, and operate the A 5 Oxidation Catalyst at the earliest feasible opportunity, in accordance with the recommendations of the equipment manufacturers and the construction contractor, to minimize the emissions of carbon monoxide from S 3 Auxiliary Boiler.	The project owner shall make the site available for inspection of equipment and records by representatives of the District, ARB, and CEC.		Earliest feasible opportunity	TBD		In-progress	NA	EPC	

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AQ	AQ-33	OPS	The heat input rate to the Auxiliary Boiler (S 3) shall not exceed 50.6 MMBtu per hour, averaged over any rolling 3 hour period.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-34	OPS	The heat input rate to the Auxiliary Boiler (S 3) shall not exceed 218,606 MMBtu per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-35	OPS	NOx, CO, and POC emissions shall not exceed the thresholds listed in (a) through (c) of this condition.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-36	OPS	Demonstrate compliance with AQ-35(a), AQ-35(b) and AQ-43(a) and AQ-43(b) by using properly operated and maintained continuous monitors (during all hours of operation including auxiliary boiler start-up, tuning and shut down periods). Monitor for parameters (a) through (j) of this condition at least every 15 minutes (excluding normal calibration periods.	Make the site available for inspection by representatives of the District, ARB and CEC.		Throughout Operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-37	OPS	To demonstrate compliance with AQ-35(c) the owner/operator shall calculate and record on a daily basis, the precursor organic compound (POC) mass emissions from the auxiliary boiler using the actual heat input rates measured pursuant to AQ-36, and CEC and District-approved emission factors developed pursuant to source testing under AQ-38 to calculate these emissions. Calculated emissions shall be presented as shown in sections (a) and (b) of this condition.	Make the site available for inspection by representatives of the District, ARB and CEC.		Throughout Operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-38a	OPS	Within 90 days of start-up of Auxiliary Boiler (S-3), conduct a District-approved source test on exhaust point P-3 while the auxiliary boiler is operating at maximum load to determine emission factors for POC, PM10, and Sox. Testing will be done for (at a minimum): water content, stack gas flow rate, oxygen concentration, precursor organic compound concentration and mass emissions, nitrogen oxide concentration and mass emissions (as NO2), carbon monoxide concentrations and mass emissions, sulfur dioxide concentration and mass emissions, methane, ethane, and PM10 emissions including condensable particulate matter.	Submit for approval, the source test plan to the District and CPM, thirty (30) working days before the execution of the compliance test required in this condition.	Source Test	Source test within 90 operating days of first fire of each auxiliary boiler.	TBD		Not Started	NA	CCGS	
AQ	AQ-38b	OPS	Thirty working days before the execution of the source tests, submit to the District and the CEC Compliance Program Manager (CPM) a detailed source test plan for approval. The District and the CEC CPM will notify the project owner of any necessary modifications to the plan within 20 working days of receipt of the plan.	Submit for approval, the source test plan to the District and CPM, thirty (30) working days before the execution of the compliance test required in this condition.	Source Test Plan	At least 30 days prior to source testing.	TBD		Not Started	NA	CCGS	
AQ	AQ-38c	OPS	Owner/operator shall notify the District and the CEC CPM within 7 working days prior to the planned source testing date.		Notification to District and CPM	Within 7 working days prior to conducting source test.	TBD		Not Started	NA	CCGS	
AQ	AQ-38c	OPS	Submit the source test results to the District and the CEC CPM within 60 days of the source testing date.	Test results shall be submitted to the District and to the CPM within sixty (60) days of the source testing date.	Test results	Within 60 days of source testing	TBD		Not Started	NA	CCGS	
AQ	AQ-39	OPS	Fire the Fire Pump Diesel Engine (S-4) exclusively on diesel fuel having a sulfur content no greater than 0.0015% by weight.	Make the site available for inspection by representatives of the District, ARB, and CEC.		Throughout operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-40	OPS	Operate the Fire Pump Diesel Engine (S-4) for no more than 49 hours per year for the purpose of reliability testing and non-emergency operation.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-41	OPS	The owner/operator shall operate the Fire Pump Diesel Engine (S 4) only when a non-resettable totalizing hour meter (with a minimum display capability of 9,999 hours) is installed, operated and properly maintained.	Make the site available for inspection by representatives of the District, ARB and the Commission. Include a photograph of each totalizing meter in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter and throughout Operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-42	OPS	Maintain the monthly records for Fire Pump Engine (S-4) as outlined in sections (a) through (e) of this condition in a District approved log for at least 5 years. Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.	Make the site available for inspection by representatives of the District, ARB and CEC.		Throughout Operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-43	OPS	The owner/operator shall not allow total combined emissions from the Gas Turbines (S 1 and S 2), including emissions generated during gas turbine start-ups, combustor tuning, shutdowns, and malfunctions, the auxiliary boiler (S 3), including emissions generated during auxiliary boiler start-ups, tune-ups, shutdowns, and malfunctions, and the fire pump diesel engine (S-4), including non-emergency and emergency operation, to exceed the limits in sections (a) through (e) of this condition during any consecutive twelve-month period. Compliance with the limits shall be determined using the procedures outlined in this condition.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	

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AQ	AQ-44	OPS	To demonstrate compliance with AQ-43, the owner/operator shall record the total emissions for each consecutive 12 month period. The owner/operator shall calculate emissions of each pollutant listed in AQ-43(a) through (e) from the gas turbines, auxiliary boiler, and fire pump diesel engine for each calendar month using the calculation procedures established in AQ-43, and shall calculate annual emissions to determine compliance with the limits listed in AQ-43(a) through (e) by summing the monthly totals for the previous 12 months.	The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational.		Throughout Operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-45	OPS	Submit all reports to the District (including, but not limited to monthly CEM reports, monitor breakdown reports, emission excess reports, equipment breakdown reports, etc.) as required by District Rules or Regulations and in accordance with all procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Compliance and Enforcement Division Policies & Procedures Manual.	Notifications and reports, including the quarterly operation report (AQ-SC9), shall be prepared and submitted in compliance with this condition.	District Reporting	Including, but not limited to monthly and no later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-46	OPS	Maintain all records and reports on site for a minimum of 5 years. These records shall include but are not limited to the reports listed in this condition. Make all records and reports available to District and the CEC CPM staff upon request.	Make the site available for inspection by representatives of the District, ARB and CEC.	--	Throughout Operation	Ongoing		Not Started	NA	CCGS	
AQ	AQ-47	OPS	Notify the District and the CEC CPM of any violations of these permit conditions. Notification shall be submitted in a timely manner in accordance with all applicable District Rules, Regulations, and the Manual of Procedures. Notwithstanding the notification and reporting requirements given in any District Rule, Regulation, or the Manual of Procedures, submit written notification (facsimile is acceptable) to the Enforcement Division within 96 hours of the violation of any permit condition.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC9).	(If Needed)	Within 96 hours of violation of permit condition & No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
AQ	AQ-48	CONS	Provide adequate stack sampling ports and platforms to enable the performance of source testing. The location and configuration of the stack sampling ports shall comply with the procedures listed in this condition, and shall be subject to BAAQMD review and approval, except that the facility shall provide four sampling ports that are at least 6 inches in diameter in the same plane of each gas turbine stack (P 1, P 2).	The project owner shall make the site available for inspection by representatives of the District, ARB and CEC.	--	Design and Throughout Operation	Incorporate into Design		In-progress	NA	GE	Refer to BAAQMD Manual of Procedures Vol. IV and Vol. V, and USEPA 40 CFR 60 Subpart GG - Gas Turbines, Appendix A - Test Methods, and Appendix B - Performance Specifications (CEMS).
AQ	AQ-49	CONS	Within 180 days of the issuance of the Authority to Construct for the OGS, contact the BAAQMD Technical Services Division regarding requirements for the continuous emission monitors, sampling ports, platforms, and source tests required by AQ-24 through AQ-28, and AQ-38. Conduct all source testing and monitoring in accordance with the District approved procedures.	Contact the District for specifications on monitors, ports, platforms and source tests and submit verification of this contact to the District and CPM with the initial source test protocol (AQ-29).	see AQ-27a	Within 180 days of the ATC and at least 7 days prior to the source testing date(s)			Complete	NA	GE	BAAQMD staff (K. Truesdell and W. Hammel) contacted by CCGS (Z. Walley) on 8/1/11 to request CEMS design specs and requirements. BAAQMD staff (K. Truesdell) contacted by OPC (D. Mumm) on 9/12/11 to request CEMS design specs and requirements. Manual of Procedures provided by BAAQMD on 8/5/11, and forwarded to GE and OPC.
AQ	AQ-50	OPS	Comply with the continuous emission monitoring requirements of 40 CFR Part 75.	Submit to the CPM and District the results of audits of the monitoring system demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC9).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	Ongoing		Not Started	NA	CCGS	
BIO	BIO-1a	PC	DESIGNATED BIOLOGIST SELECTION: A Designated Biologist shall be assigned to the project, and the resume of the proposed Designated Biologist, with at least 3 references and contact information, shall be submitted to the CPM for approval. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition.	The specified information shall be submitted at least 60 days prior to the start of any site (or related facilities) mobilization. No site or related facility activities shall commence until an approved Designated Biologist is available to be on site.	DB Resume	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	Rick Crowe (CH2M HILL) is the Designated Biologist.
BIO	BIO-1b	CONS	DESIGNATED BIOLOGIST SELECTION	If a Designated Biologist needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM at least ten (10) working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	(If Needed)	At least 10 working days prior to the termination or release of the preceding Designated Biologist	Ongoing		As-Needed	NA	CH2	
BIO	BIO-2a	CONS	DESIGNATED BIOLOGIST DUTIES: The Designated Biologist shall perform the duties (1) through (9) during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.	The Designated Biologist shall submit in the Monthly Construction Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. Monthly Compliance Reports shall also be submitted to the East Contra Costa County Habitat Conservancy.	MCR	Monthly	Ongoing		In-progress	NA	CH2/CCGS	

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BIO	BIO-2b	OPS	DESIGNATED BIOLOGIST DUTIES: 1. Advise the project owner's Construction and Operation Managers on the implementation of the biological resources Conditions of Certification.	If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are determined to be unnecessary by the CPM.	ACR	As needed and Annually Throughout Operation	Ongoing		Not Started	NA	CCGS	
BIO	BIO-3a	PC	BIOLOGICAL MONITOR QUALIFICATIONS: The project owner's CPM-approved Designated Biologist shall submit the resumes, including at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval. Biological Monitors training by the Designated Biologist shall include familiarity with the Conditions of Certification and the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), WEAP, and all state, federal, and local permits.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any site (or related facilities) mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	BM's Quals	At least 30 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-3b	CONS	ADDITIONAL BIOLOGICAL MONITORS	If additional biological monitors are needed during construction, the specified information shall be submitted to the CPM for approval no less than 10 days prior to their first day of monitoring activities.	(If Needed)	No less than 10 days prior to BM's first day of monitoring	Ongoing		As-Needed	NA	CH2	
BIO	BIO-4	OPS	DESIGNATED BIOLOGIST AND BIOLOGICAL MONITOR AUTHORITY: The project owner's Construction/Operation Manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources Conditions of Certification. If required by the Designated Biologist and Biological Monitor(s) all operation activities shall be halted in areas specified by the Designated Biologist. The Designated Biologist shall halt activities in accordance with steps (1) through (3) of this condition. If the Designated Biologist is unavailable for direct consultation, the Biological Monitor shall act on behalf of the Designated Biologist.	The Designated Biologist or Biological Monitor shall notify the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the project owner, a determination of success or failure will be made by the CPM within 5 working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made.	(If Needed)	Immediately	Ongoing		As-Needed	NA	CCGS	
BIO	BIO-4	CONS	DESIGNATED BIOLOGIST AND BIOLOGICAL MONITOR AUTHORITY: The project owner's Construction/Operation Manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources Conditions of Certification. If required by the Designated Biologist and Biological Monitor(s) all site mobilization, ground disturbance, grading and construction activities shall be halted in areas specified by the Designated Biologist. The Designated Biologist shall halt activities in accordance with steps (1) through (3) of this condition. If the Designated Biologist is unavailable for direct consultation, the Biological Monitor shall act on behalf of the Designated Biologist.	The Designated Biologist or Biological Monitor shall notify the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the project owner, a determination of success or failure will be made by the CPM within 5 working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made.	(If Needed)	Immediately	Ongoing		As-Needed	NA	CH2	
BIO	BIO-5a	PC	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP): Develop and implement a CPM-approved WEAP as described in this condition. The specific program can be administered by a competent individual(s) acceptable to the Designated Biologist.	No less than 60 days prior to the start of any site (or related facilities) mobilization, the project owner shall provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program.	Draft WEAP	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO5b	PC	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP): Develop and implement a CPM-approved WEAP as described in this condition.	At least 10 days prior to site and related facilities mobilization, the project owner shall submit two copies of the CPM-approved materials.	Final WEAP	At least 10 days prior to start of site mobilization			Complete	NA	CH2	
BIO	BIO-5c	CONS	Implement a CPM-approved WEAP in which each employee, as well as employees of contractors and subcontractors who work on the project site or related facilities during site mobilization, ground disturbance, grading, construction, operation, and closure are informed about sensitive biological issues associated with the project site.	The project owner shall provide in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	MCR	Monthly	Ongoing		In-progress	NA	CCGS	
BIO	BIO-5d	OPS	Implement a CPM-approved WEAP in which each employee, as well as employees of contractors and subcontractors who work on the project site or related facilities during site mobilization, ground disturbance, grading, construction, operation, and closure are informed about sensitive biological issues associated with the project site.	Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least 6 months after the start of commercial operation. During project operation, signed statements for operational personnel shall be kept on file for 6 months following the termination of an individual's employment.	--	At least 6 months after the start of commercial operation	Ongoing		Not Started	NA	CCGS	
BIO	BIO-6a	PC	BIOLOGICAL RESOURCES MITIGATION IMPLEMENTATION AND MONITORING PLAN (BRMIMP): Develop a BRMIMP and submit two copies of the proposed BRMIMP to the CDFG, USFWS, and East Contra Costa County Habitat Conservancy for review and comment and the CPM for approval and implement the measures identified in the approved BRMIMP. The BRMIMP shall be prepared in consultation with the Designated Biologist and shall identify items (1) through (16) of this condition.	Provide the draft BRMIMP to the CPM at least 60 days prior to start of any site (or related facilities) mobilization. The CPM, in consultation with other appropriate agencies.	Draft BRMIMP	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	

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BIO	BIO-6b	PC	BRMIMP - Additional permits	If there are any permits that have not yet been received when the BRMIMP is first submitted, these permits shall be submitted to the CPM within 5 days of their receipt, and the BRMIMP shall be revised or supplemented to reflect the permit condition within 10 days of their receipt by the project owner. Ten days prior to site and related facilities mobilization the revised BRMIMP shall be resubmitted to the CPM.	Revised BRMIMP	At least 10 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-6c	CONS	BRMIMP - Modifications	The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with other appropriate agencies to ensure no conflicts exist.	(If Needed)	At least 5 working days before implementing modification to approved BRMIMP	Ongoing		As-Needed	NA	CH2	
BIO	BIO-6d	CONS	BRMIMP - Monthly Compliance Reports	Implementation of BRMIMP measures will be reported in the Monthly Compliance Reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-6e	CONS	BRMIMP - Construction Completion Reports	Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction closure report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's site mobilization, ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding. Additional copies shall be provided to East Contra Costa Habitat Conservancy, CDFG and USFWS.	Construction Closure Report	Within 30 days after completion of project construction	TBD		Not Started	NA	CH2	
BIO	BIO-7a	PC	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Measures (1) through (10) of this condition shall be implemented to avoid and minimize impacts to biological resources from the proposed project during all phases of the project.	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Revised BRMIMP	At least 10 days prior to start of site mobilization			Complete	NA	CH2	
BIO	BIO-7b	CONS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Photographic verification of installation of bird flight diverters will be provided upon installation and will be provided in the Monthly Compliance Report.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-7c	CONS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. Additional copies shall be provided to the East Contra Costa County Habitat Conservancy, CDFG, and USFWS.	Construction Completion (Termination) Report	Within 30 days after completion of project construction	TBD		Not Started	NA	CH2	
BIO	BIO-7d	OPS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES		----	----	Ongoing		In-progress	NA	CCGS	Item included to note that General Impact Avoidance and Minimization Measures continue through the life of the project.
BIO	BIO-8a	PC	To comply with various protected tree ordinances, the project owner shall mitigate for loss of protected trees based on the results of the project owner's arborist report. Mitigation will be assessed by the CPM in coordination with City of Oakley based on review of the arborist report.	At least 30 days prior to the start of any tree removal, provide to the CPM for review and approval, and to the City of Oakley and City of Antioch for review and comment, the arborist report which identifies all trees to be removed within the City of Oakley and City of Antioch and all protected trees to remain in place at which grading will occur within the drip line within the City of Antioch.	Arborist Report	At least 30 days prior to the start of any tree removal			Complete	NA	CH2	
BIO	BIO-8b	CONS	Protected Trees.	A copy of the receipt of payment and/or verification of tree replacement to the City of Oakley verifying that the protected tree mitigation fees have been paid, according to the conditions specified in this condition, shall be provided to the CPM prior to tree removal.	Copy of receipt of payment / Tree permit	Prior to tree removal	TBD		In-progress	Permit issued 5/27/11; forwarded to CPM on 5/27/11.	CCGS	
BIO	BIO-8c	CONS	Protected Trees.	A copy of the verification of 2:1 protected tree replacement or the receipt of payment of penalty fees to the City of Antioch, according to the conditions specified above, shall be provided to the CPM prior to tree removal. Prior to tree removal a copy of the receipt of payment of bond will be submitted by the project owner upon posting a bond to the City of Antioch for any protected trees that would have construction or grading within the dripline or written verification that no protected trees are located where construction or grading activities would occur.	Verification Letter/Copy of receipt of payment/Tree permit	Prior to tree removal	TBD		In-progress	NA	CCGS	
BIO	BIO-9a	PC	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction nest surveys shall be conducted if construction activities including tree removal will occur from February 1 through September 15. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the guidelines of this condition.	Prior to the start of any pre-construction site mobilization, provide the CPM and the East Contra Costa County Habitat Conservancy a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no disturbance buffer zone around the nest.	Letter Report	At least 10 days prior to the start of ground disturbing activities			Complete	NA	CH2	Pre-Construction Nest Survey Report prior to tree removal submitted to CEC on 8/1/11. CEC approved on 8/2/11.

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BIO	BIO-9b	PC	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES	If active nests are detected during the survey, a monitoring plan shall be submitted to the Conservancy, CDFG and USFWS for review and comment and the CPM for approval. Approval of the plan is required before construction may commence. All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.	Monitoring Plan	Prior to construction			Complete	NA	CH2	
BIO	BIO-9c	CONS	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Implementation of the measures shall be reported in the Monthly Compliance Reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-9d	CONS	At all times of the year, noise generating activities (above 60 dBA) shall be avoided during dawn and dusk to avoid impacts to birds protected under the Migratory Bird Treaty Act.			Year Round	Ongoing		In-progress	NA	CCGS	
BIO	BIO-10a	PC	IMPACT AVOIDANCE AND MINIMIZATION MEASURES FOR BATS	All mitigation measures and their implementation methods shall be included in the BRMIMP.	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-10b	CONS	IMPACT AVOIDANCE AND MINIMIZATION MEASURES FOR BATS: Implement the measures described in this condition to avoid or minimize impacts on bats.	Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-10c	PC	IMPACT AVOIDANCE AND MINIMIZATION MEASURES FOR BATS: Removal of roost trees.	The resume of the proposed bat biologist will be submitted to the CPM for approval at least 45 days prior to the start of any bat surveys.	Resume of Bat Biologist	At least 45 days prior to start of bat surveys			Complete	NA	CH2	
BIO	BIO-10d	PC	IMPACT AVOIDANCE AND MINIMIZATION MEASURES FOR BATS	A written report summarizing the results of the pre-construction survey shall be sent to the CPM and CDFG no less than 15 days prior to the start of pre-construction site mobilization which will include documentation of any active roost trees to be removed. The report shall describe survey methods, including the time, date, and duration of the survey, identity and qualifications of the surveyor(s), and a list of species observed, a figure showing roost locations observed, and proposed mitigation and exclusion measures.	Survey Report	At least 15 days prior to start of ground disturbance			Complete	NA	CH2	
BIO	BIO-10e	CONS	IMPACT AVOIDANCE AND MINIMIZATION MEASURES FOR BATS	If active roost trees are to be removed, reporting and surveying must be completed as outlined in this condition. Within 10 days of removal of trees with roost sites, the project owner shall submit a report describing the results of the exclusion, mitigation measures, and tree removal.	Bat Exclusion, Mitigation Measures and Tree Removal Report	Within 10 days of removal of roost trees			Complete	NA	CH2	Pre-Construction Bat Survey Report prior to tree removal submitted to CEC on 8/1/11. CEC approved on 8/2/11.
BIO	BIO-11a	PC	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES	All mitigation measures and their implementation methods shall be included in the BRMIMP and implemented.	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-11b	CONS	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES: If pre-construction surveys locate Swainson's hawk nests in trees which are to be removed, implement the measures to minimize impacts to known Swainson's hawk nests. Tree removal will not occur while the Swainson's hawk nests are active.	If trees with known nests are to be removed while nests are not active, a written report summarizing the results of the pre-construction survey shall be sent to the CPM, the East Contra Costa County Habitat Conservancy (Conservancy), CDFG, and USFWS no less than 15 days prior to the start of ground disturbance which will include documentation of any known nest trees to be removed.	(If Needed)	No less than 15 days prior to the start of ground disturbance	TBD		In-progress	NA	CH2	Pre-construction survey was completed but additional surveys may be needed prior to tree removal.
BIO	BIO-11c	CONS	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-11d	CONS	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of project construction, provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. Additional copies shall be provided to the Conservancy, CDFG, and USFWS. The report will include written verification that any compensation fees for of loss of nest trees have been paid to the Conservancy.	Construction Completion (Termination) Report	Within 30 days after completion of construction	TBD		Not Started	NA	CH2	
BIO	BIO-11e	OPS	Nest trees, including non-native trees, lost to project activities will be mitigated by the project owner according to the requirements of the ECCC HCP/NCCP. Either pay the Conservancy an additional fee to purchase, plant, maintain, and monitor 15 saplings on the HCP/NCCP Preserve System for every tree lost according to the requirements listed below, OR the project owner will plant, maintain, and monitor 15 saplings for every tree lost at a site to be approved by the Conservancy (e.g., within an HCP/NCCP Preserve or existing open space linked to HCP/NCCP preserves).	Annual Reports will be submitted to the CPM and the Conservancy that document compliance with the ECCC HCP/NCCP requirements for planting and the success of any plantings. Additional copies shall be provided to CDFG and USFWS.	Annual Monitoring Report (if needed)	Annually	Ongoing		Not Started	NA	CCGS	
BIO	BIO-12a	PC	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Implement the measures in this condition to manage the construction site, and related facilities, in a manner to avoid or minimize impacts to breeding and foraging burrowing owls. Measures include pre-construction surveys, avoidance and minimization measures.	All avoidance and minimization measures related to burrowing owl shall be included in the BRMIMP and implemented.	BRMIMP (see BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	

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BIO	BIO-12b	CONS	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Implement the measures in this condition to manage the construction site, and related facilities, in a manner to avoid or minimize impacts to breeding and foraging burrowing owls. Measures include pre-construction surveys, avoidance and minimization measures.	Perform Pre-Construction Survey and mapping.	Survey	Within 30 days prior to construction	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-12c	CONS	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Preconstruction survey report	Submit a report to the CPM, the East Contra Costa County Habitat Conservancy (Conservancy), CDFG, and USFWS at least 10 days prior to pre-construction site mobilization that describes when surveys were completed, observations, and mitigation measures to be implemented.	Survey Report	At least 10 days prior to ground disturbing activities	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-12d	CONS	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Monthly Compliance Reports	Implementation of the measures shall be reported in the monthly compliance reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-12e	CONS	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Owl Relocation Report	Within 30 days after completion of owl passive relocation and monitoring, and the start of construction-related ground disturbance, the project owner shall provide written verification to the CPM, the Conservancy, USFWS, and CDFG that burrowing owl mitigation measures have been completed.	(If Needed)	Within 30 days after completion of owl relocation & monitoring	Ongoing		As-Needed	NA	CH2	
BIO	BIO-13a	PC	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction surveys shall be conducted concurrent with the San Joaquin kit fox and burrowing owl pre-construction surveys. Surveys shall be conducted as described in this condition. Den avoidance, monitoring, and destruction methods shall adhere to those impact avoidance and minimization measures prescribed for San Joaquin kit fox in Condition BIO-14.	All avoidance and minimization measures related to American badger shall be included in the BRMIMP and implemented.	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-13b	CONS	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction surveys shall be conducted concurrent with the San Joaquin kit fox and burrowing owl pre-construction surveys. Surveys shall be conducted as described in this condition. Den avoidance, monitoring, and destruction methods shall adhere to those impact avoidance and minimization measures prescribed for San Joaquin kit fox in Condition BIO-14.	Perform Pre-Construction Survey and mapping.	Survey	Concurrent with Burrowing owl and San Joaquin kit fox surveys	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-13c	CONS	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction surveys shall be conducted concurrent with the San Joaquin kit fox and burrowing owl pre-construction surveys. Surveys shall be conducted as described in this condition. Den avoidance, monitoring, and destruction methods shall adhere to those impact avoidance and minimization measures prescribed for San Joaquin kit fox in Condition BIO-14.	Submit a report to the CPM and CDFG at least 10 days prior to the start of any pre-construction site mobilization that describes when surveys were completed, observations, and mitigation measures to be implemented.	Survey Report	At least 10 days prior to ground disturbing activities	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-13d	CONS	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Monthly Compliance Reports	Implementation of the measures shall be reported in the monthly compliance reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-13e	CONS	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Construction Completion (Termination) Report	Within 30 days after completion of construction of the project, provide to the CPM a written construction termination report identifying how impact minimization measures have been completed. Additional copies shall be provided to the Conservancy, CDFG, and USFWS.	Construction Completion (Termination) Report	Within 30 days after completion of project construction	TBD		Not Started	NA	CH2	
BIO	BIO-14a	PC	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Measures, developed in cooperation with East Contra Costa County Habitat Conservancy (Conservancy), shall be implemented to avoid and minimize impacts to San Joaquin kit fox in accordance with this condition. Measures include pre-construction surveys. If San Joaquin kit fox and/or suitable dens are found measures outlined in this condition shall be implemented. Measures include exclusion zones, den monitoring, and den avoidance (limited destruction of dens may be allowed).	All avoidance and minimization measures related to San Joaquin kit fox shall be included in the BRMIMP and implemented.	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-14b	CONS	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Measures, developed in cooperation with East Contra Costa County Habitat Conservancy (Conservancy), shall be implemented to avoid and minimize impacts to San Joaquin kit fox in accordance with this condition. Measures include pre-construction surveys. If San Joaquin kit fox and/or suitable dens are found measures outlined in this condition shall be implemented. Measures include exclusion zones, den monitoring, and den avoidance (limited destruction of dens may be allowed).	The pre-construction survey shall be conducted no more than 30 days prior to the initiation of pre-construction site mobilization on the OGS project site or sanitary sewer line and transmission line corridors.	Survey	No more than 30 days prior to the start of ground disturbance	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-14c	CONS	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Survey report	A written report summarizing the results of the pre-construction survey shall be sent to the CPM, the East Contra Costa County Habitat Conservancy (Conservancy), CDFG, and USFWS within 5 working days of survey completion and prior to the start of ground disturbance.	Survey Report	5 working days of survey completion and prior to the start of ground disturbance	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.

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BIO	BIO-14d	CONS	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Monthly Compliance Report	Implementation of the measures shall be reported in the monthly compliance reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-14e	CONS	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Construction Completion Report	Within 30 days after completion of construction the project owner shall provide to the CPM a written construction termination report identifying how impact minimization measures have been completed. Additional copies shall be provided to the Conservancy, CDFG, and USFWS.	Construction Completion (Termination) Report	Within 30 days after completion of project construction	TBD		Not Started	NA	CH2	
BIO	BIO-15a	PC	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Measures shall be implemented to avoid and minimize impacts to western pond turtle in accordance with this condition. Measures include pre-construction surveys and fencing.	All avoidance and minimization measures related to western pond turtle shall be included in the BRMIMP and implemented	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-15b	CONS	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Measures shall be implemented to avoid and minimize impacts to western pond turtle in accordance with this condition. Measures include pre-construction surveys and fencing.	Pre-Construction Survey (conducted in accordance with [BIO-16]. 1. Pre-construction surveys shall be conducted concurrent with the giant garter snake pre-construction surveys.	Survey	No more than 24 hours prior to the initiation of construction	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-15c	CONS	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Survey Report	Submit a report to the CPM and CDFG at least 10 days prior to the start of any pre-construction site mobilization that describes when western pond turtle surveys were completed, observations, and mitigation measures to be implemented.	Survey Report	At least 10 days prior to ground disturbing activities	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-15d	CONS	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Monthly Compliance Report	Implementation of the measures shall be reported in the monthly compliance reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-15e	CONS	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES - Construction Completion (Termination) Report	Within 30 days after completion of construction provide to the CPM a written construction termination report identifying how impact minimization measures have been completed. Additional copies shall be provided to the East Contra Costa County Habitat Conservancy and CDFG.	Construction Completion (Termination) Report	Within 30 days after completion of project construction	TBD		Not Started	NA	CH2	
BIO	BIO-16a	PC	GIANT GARTER SNAKE IMPACT, AVOIDANCE AND MINIMIZATION MEASURES: Measures, developed in cooperation with East Contra Costa County Habitat Conservancy (Conservancy) shall be implemented to avoid and minimize impacts to giant garter snake (GGS) in accordance with this condition. Measures include preconstruction surveys, minimization measures, exclusion fencing, and USFWS approvals.	All GGS impact avoidance and minimization measures shall be included in the BRMIMP and implemented.	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-16b	CONS	GIANT GARTER SNAKE IMPACT, AVOIDANCE AND MINIMIZATION MEASURES: Measures, developed in cooperation with East Contra Costa County Habitat Conservancy (Conservancy) shall be implemented to avoid and minimize impacts to giant garter snake (GGS) in accordance with this condition. Measures include preconstruction surveys, minimization measures, exclusion fencing, and USFWS approvals.	The Designated Biologist or a representative approved by the CPM, in consultation with the East Contra Costa County Habitat Conservancy (Conservancy), CDFG, and USFWS, must survey the construction area within potential GGS habitat no more than 24 hours prior to the initiation of construction in the vicinity the GGS habitat along East Antioch Creek.	Survey	No more than 24 hours prior to the initiation of pre-con site mobilization	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-16c	CONS	GIANT GARTER SNAKE IMPACT, AVOIDANCE AND MINIMIZATION MEASURES	Another pre-construction survey must be conducted if construction activity ceases for a period of more than 2 weeks.	Additional Survey	if needed	TBD		As-Needed	NA	CH2	
BIO	BIO-16d	CONS	Giant Garter Snake - Survey Report	Submit a report to the Conservancy, USFWS, CDFG, and the CPM documenting results of pre-construction surveys within 24 hours of commencement of construction activities. The project owner shall submit a report to the Conservancy, USFWS, CDFG, and the CPM if any GGS are found within work areas no more than 24 hours after the sighting is made.	Survey Report	Within 24 hours of commencement of construction activities	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-16e	CONS	Giant Garter Snake - Monthly Compliance Reports	Implementation of the measures shall be reported in the monthly compliance reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-16f	CONS	Giant Garter Snake - Construction Completion (Termination) Report	Within 30 days after completion of construction the project owner shall provide to the CPM a written construction termination report identifying how impact minimization measures have been completed. Additional copies shall be provided to the Conservancy, CDFG, and USFWS.	Construction Completion (Termination) Report	Within 30 days after completion of project construction	TBD		Not Started	NA	CH2	
BIO	BIO-17a	PC	The following measures, developed in cooperation with East Contra Costa County Habitat Conservancy (Conservancy) shall be implemented to avoid and minimize impacts to California tiger salamander.	All avoidance and minimization measures related to California tiger salamander shall be included in the BRMIMP and implemented. Implementation of the measures shall be reported in the Monthly Compliance Reports by the Designated Biologist.	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-17b	CONS	Wildlife exclusion fencing and silt fencing shall be installed to protect Wetland D, Wetland E, and Wetland F. "Sensitive Resource Area" signage shall also be installed at each wetland prior to pre-construction site mobilization.			Prior to the start of ground disturbance			Complete	NA	OPC/CH2	
BIO	BIO-17c	CONS	Wildlife exclusion fencing will be installed to protect the riparian habitat along East Antioch Creek in the vicinity of the intersection of the transmission line right-of-way as described under giant garter snake avoidance and minimization measures prior to pre-construction site mobilization.			Prior to start of T-line construction	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.

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BIO	BIO-17d	CONS	California Tiger Salamander	Implementation of the measures shall be reported in the monthly compliance reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-17e	CONS	California Tiger Salamander	Within 30 days after completion of construction, provide to the CPM a written construction termination report identifying how impact minimization measures have been completed. Additional copies shall be provided to the Conservancy, CDFG, and USFWS.	Construction Completion (Termination) Report	Within 30 days after completion of project construction	TBD		Not Started	NA	CH2	
BIO	BIO-18a	PC	The following measures, developed in cooperation with East Contra Costa County Habitat Conservancy (Conservancy) shall be implemented to avoid and minimize impacts to California red-legged frog.	All avoidance and minimization measures related to California red-legged frog shall be included in the BRMIMP and implemented.	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-18b	CONS	Wildlife exclusion fencing will be installed to protect the riparian habitat along East Antioch Creek in the vicinity of the intersection of the transmission line right-of-way as described under giant garter snake avoidance and minimization measures.			Prior to start of T-line construction	TBD		In-progress	NA	CH2	Pre-construction surveys were completed but additional surveys will be required prior to the start of T-line and water line construction.
BIO	BIO-18c	CONS	California Red-legged Frog Impact Avoidance and Minimization Measures - Monthly Compliance Reports	Implementation of the measures shall be reported in the monthly compliance reports by the Designated Biologist.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
BIO	BIO-18d	CONS	California Red-legged Frog Impact Avoidance and Minimization Measures - Construction Completion (Termination) Report	Within 30 days after completion of construction provide to the CPM a written construction termination report identifying how impact minimization measures have been completed. Additional copies shall be provided to the Conservancy, CDFG, and USFWS.	Construction Completion (Termination) Report	Within 30 days after completion of project construction	TBD		Not Started	NA	CH2	
BIO	BIO-19a	PC	Wetland E Monitoring and Adaptive Management Plan: Develop and implement a Wetland E Post-construction Management Plan (Plan). The plan must be prepared in accordance with this condition [BIO-19]. The plan must be developed by the project owner in coordination with the CPM and CDFG.	Prior to the start of any construction-related ground disturbance submit a draft Wetland E Monitoring and Adaptive Management Plan to the CPM, California Department of Fish and Game (CDFG), and the Central Valley RWQCB (CV RWQCB). The CPM in consultation with CDFG and the CV RWQCB, will determine the plan's acceptability.	Draft Management Plan	At least 60 days prior to the start of ground disturbance			Complete	NA	CH2	
BIO	BIO-19b	PC	Wetland E Post-construction Management Plan	Prior to the start of any construction-related ground disturbance, provide the CPM with the final version of the Wetland E Monitoring and Adaptive Management Plan that has been reviewed and approved by the CPM, in consultation with CDFG and the CV RWQCB. All modifications to the Wetland E Monitoring and Adaptive Management Plan shall be made only after approval from the CPM, in consultation with CDFG and the CV RWQCB.	Final Management Plan	At least 15 days prior to the start of ground disturbance			Complete	NA	CH2	
BIO	BIO-19c	CONS	Wetland E Post-construction Management Plan	Habitat improvements shall be initiated no later than 12 months from the start of construction.	Habitat improvements	No later than 12 months from the start of construction,	TBD		Not Started	NA	CCGS	
BIO	BIO-19d	CONS	Wetland E Post-construction Management Plan	Within 30 days after completion of project construction, provide to the CPM for review and approval a report identifying which items of the Wetland E Monitoring and Adaptive Management Plan have been completed.	Report	within 30 days after completion of construction	TBD		Not Started	NA	CCGS	
BIO	BIO-19-e	CONS	Wetland E Post-construction Management Plan	Submit annual reports to the CPM, CDFG, and the CV RWQCB describing planting, monitoring, and maintenance activities implemented as well as documentation of compliance with all goals, objectives and performance standards in the Wetland E Monitoring and Adaptive Management Plan. Annual monitoring reports will be submitted to the CPM and CDFG for review and approvals for years 1, 2, 3, 4, and 5, with the first year beginning one year after the habitat improvements are implemented. Habitat improvements are to be implemented concurrently with initiation of the OGS project. Annual monitoring reports shall be submitted to the CPM for review and approval and to the CDFG for review and comment annually within 30 days of the anniversary date of the commencement of habitat improvements for the life of the project.	Annual Monitoring Report	Ongoing throughout the life of the project	Ongoing		Not Started	NA	CCGS	
BIO	BIO-19-f	OPS	Wetland E Post-construction Management Plan	The project owner shall submit an addendum to the CPM for review and approval and to CDFG and CV RWQCB for review and comment prior to implementing adaptive management measures.	Adaptive Management Measures	As-needed	Ongoing		As-Needed	NA	CCGS	

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BIO	BIO-20a	OPS	Antioch Dunes National Wildlife Refuge Funding: Annual payment to California Wildlife Foundation or other third-party approved by USFWS to assist in noxious weed management and its effects at the Antioch Dunes National Wildlife Refuge. Management activities funded may include but are not limited to: captive breeding and release of Lange's metalmark butterfly; propagation and transplantation of naked-stem buckwheat, Contra Costa wallflower, and Antioch Dunes evening primrose; noxious weed eradication using grazing animals, hand tools, and/or appropriate mechanical equipment. The first annual payment shall be no less than $5,000.78. Each subsequent annual payment shall be adjusted for inflation in accordance with the Employment Cost Index – West or its successor, as reported by the U.S. Department of Labor's Bureau of Labor Statistics. Payment shall be made annually for the duration of project operation.	Provide written verification to the CPM, USFWS, and CDFG that the first-annual payment was made to the California Wildlife Foundation or other third-party approved by USFWS in accordance with this condition of certification. The project owner shall provide evidence that it has specified that its annual payment to California Wildlife Foundation or other third-party approved by USFWS can be used only to assist in noxious weed management and remediation of its effects (e.g., activities to support continued survival of Lange's metalmark butterfly, Contra Costa wallflower, and Antioch Dunes evening primrose) at the Antioch Dunes National Wildlife Refuge as directed by the USFWS.	Written Verification	No later than 30 days following the start of project operation	TBD		Not Started	NA	CCGS	
BIO	BIO-20b	OPS	Antioch Dunes National Wildlife Refuge Funding	Annually for the operating life of the project, provide written verification to the CPM, USFWS, and CDFG that payment has been made to the California Wildlife Foundation or other third-party approved by USFWS in accordance with this condition of certification.	Written Verification	Annually - within 30 days after each anniversary date	Ongoing		Not Started	NA	CCGS	
BIO	BIO-20c	OPS	Antioch Dunes National Wildlife Refuge Funding	The project owner also shall request an annual report from the California Wildlife Foundation or other third-party approved by USFWS documenting how each annual payment required hereunder was used and applied to assist in noxious weed management at the Antioch Dunes National Wildlife Refuge. The project owner shall provide copies of such reports to the CPM within thirty (30) days after receipt.	Annual Report	Annually - within 30 days after receipt of report from California Wildlife Foundation	Ongoing		Not Started	NA	CCGS	
BIO	BIO-21	PC	East Contra Costa County Habitat Conservation Plan/Natural Communities Conservation Plan Mitigation Fees: Payment of mitigation fees for temporary and permanent impacts based on the acres of impact (staff assumes a 1:1 mitigation ratio for temporary and permanent impacts) as a one-time development fee of $227,408 or updated fee as adjusted by the East Contra Costa County Habitat Conservancy (Conservancy), pending the approval date and the Annual Adjustment of mitigation fees. As a Participating Special Entity, the project owner would make a $200,000 contribution to recovery of endangered and threatened species. The project owner would also make a contribution to complementary conservation planning as determined by Conservancy's Governing Board.	A copy of the receipt of payment issued to Conservancy, verifying the funds have been paid, shall be provided to the CPM within 30 days prior to site or related facilities mobilization.	Copy of receipt of payment	30 days prior to pre-con site mobilization			Complete	NA	CCGS	
BIO	BIO-22a	PC	East Contra Costa County Habitat Conservation Plan/Natural Communities Conservation Plan Certificate of Inclusion.	The terms and conditions contained in the incidental take permit shall be incorporated into the project's BRMIMP and implemented.	BRMIMP (See BIO-6)	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
BIO	BIO-22b	PC	East Contra Costa County Habitat Conservation Plan/Natural Communities Conservation Plan Certificate of Inclusion: The project owner shall provide a copy of the final East Contra Costa County Habitat Conservation Plan /Natural Communities Conservation Plan (ECCC HCP/NCCP) Certificate of Inclusion (permit) prior to pre-construction site mobilization.	Within 5 business days of its receipt, the project owner shall submit to the CPM a copy of the East Contra Costa County Habitat Conservancy's Certificate of Inclusion (permit) and verify that the permit terms and conditions are incorporated into the BRMIMP and will be implemented.	Copy of Permit	Within 5 business days of receipt			Complete	NA	CCGS	
BIO	BIO-23	CONS	The project owner shall provide a copy of any U.S. Fish and Wildlife permit issued for the OGS Project (e.g., Incidental Take Permit). The terms and conditions contained in the permit shall be incorporated into the project's BRMIMP and implemented by the project owner.	Project owner shall provide a copy of any USFWS permit issued for the OGS project within 15 days of issuance.	Copy of Permit	if needed	As-needed		Complete	NA	CH2	An ITP is not required. The ECCCHCP/PSE issued on 3/18/11 satisfies the requirement for an ITP.
CIVIL	CIVIL-1a	CONS	Submit to the CBO for review and approval the drainage and grading design, erosion & sediment control plan, related calculations & specifications, and the soils, geotechnical, or foundation reports.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Drainage & grading design / DESCP / related calcs & specs / soils, geotechnical, or foundation reports	At least 15 days prior to the start of site grading	Ongoing		Complete	NA	EPC	CBO Approved on 6/3/11.
CIVIL	CIVIL-1b	CONS	Submit to the CBO for review and approval the drainage and grading design, erosion & sediment control plan, related calculations & specifications, and the soils, geotechnical, or foundation reports.	In the next monthly compliance report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	MCR	Monthly	Ongoing		Complete	NA	EPC	Submitted in MCR No. 1 on 8/12/11.
CIVIL	CIVIL-2	CONS	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible engineer identifies unforeseen adverse soil or geologic conditions. Submit modified plans, specifications, and calculations to the CBO based on these new conditions, and obtain approval from the CBO before resuming work.	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, provide to the CPM a copy of the CBO's approval.	(If Needed)	Within 24 hours of work stopped	As-needed		As-Needed	NA	EPC	
CIVIL	CIVIL-3a	CONS	Perform inspections in accordance with the 2010 CBC, and this condition. If it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. Prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, submit the details of the corrective action to the CBO and the CPM.	(If Needed)	Within five days of the discovery of any discrepancies	As-needed		As-Needed	NA	EPC	

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CIVIL	CIVIL-3b	CONS	Inspections - NCR	A list of NCRs, for the reporting month, shall be included in the following monthly compliance report.	(If Needed)	Monthly	As-needed		As-Needed	NA	EPC	MCR within 5 days following resolution of NCR.
CIVIL	CIVIL-4a	CONS	After completion of finished grading and erosion and sedimentation control and drainage work, obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work, submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes, along with a copy of the transmittal letter to the CPM.	Final Grading Plans / Signed statement from Civil Engineer	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work	TBD		In-progress	NA	EPC	
CIVIL	CIVIL-4b	CONS	Grading and erosion.	Submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	MCR	Monthly	Ongoing		In-progress	NA	EPC	1-time: MCR following completion of the erosion and sediment control mitigation and drainage work.
CUL	CUL-1a	PC	Obtain the services of a Cultural Resources Specialist (CRS) and one or more alternate CRSs (at the project owner's option). The CRS shall perform duties as described in this condition. No construction-related ground disturbance shall occur prior to Compliance Project Manager (CPM) approval of the CRS and alternates, unless such activities are specifically approved by the CPM. The resumes for the CRS and alternate(s) shall demonstrate to the satisfaction of the CPM that the CRS/alternate CRS has the appropriate training and experience to implement effectively the Conditions, qualifications in accordance with items 1 through 3 of this condition and the names and telephone numbers of contacts familiar with the work of the CRS/alternate CRS on referenced projects.	At least 45 days prior to the start of construction-related ground disturbance, submit the resume for the CRS, and alternate(s) if desired, to the CPM for review and approval.	CRS & Alternates Resume	At least 45 days prior to the start of ground disturbance			Complete	NA	CH2	Clint Helton (CH2M HILL) is the CRS.
CUL	CUL-1b	PC	CRS	At least 10 days prior to the start of construction-related ground disturbance, confirm in writing to the CPM that the approved CRS will be available for onsite work and is prepared to implement the cultural resources conditions.	Confirmation of onsite CRS availability	At least 10 days prior to the start of construction-related ground disturbance			Complete	NA	CH2	
CUL	CUL-1c	CONS	After all ground disturbance is completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions, the project owner may discharge the CRS, if the CPM approves. With the discharge of the CRS, these cultural resources conditions no longer apply to the activities of this power plant.	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS, submit the resume of the proposed new CRS, if different from the alternate CRS, to the CPM for review and approval. At the same time, also provide the AFC and all materials described in this condition to the proposed new CRS. If the CRS is terminated and there is no alternate CRS in place to conduct the duties of the CRS, a previously approved monitor may temporarily serve in place of a CRS for a maximum of 3 days. If cultural resources are discovered during that time, then construction-related ground disturbance shall halt and remain halted until there is a CRS or alternate CRS to make a recommendation regarding significance.	(If Needed)	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS	Ongoing		As-Needed	NA	CH2	
CUL	CUL-1d	PC	The CRS may elect to obtain the services of Cultural Resources Monitors (CRMs), if needed, to assist in monitoring, mitigation, and curation activities. CRMs shall have the following qualifications in accordance with items 1 through 3 for CRMs of this condition.	At least 20 days prior to construction-related ground disturbance, the CRS shall provide a letter to the CPM naming CRMs for the project and attesting that the identified CRMs meet the minimum qualifications for cultural resources monitoring required by this condition.	Letter naming CRMs	At least 20 days prior to ground disturbance			Complete	NA	CH2	
CUL	CUL-1e	CONS	The CRS may elect to obtain the services of additional or alternate Cultural Resources Monitors (CRMs), if needed, to assist in monitoring, mitigation, and curation activities. CRMs shall have the following qualifications in accordance with items 1 through 3 for CRMs of this condition.	At least 5 days prior to additional CRMs beginning on-site duties during the project, the CRS shall provide additional letters to the CPM identifying the CRMs and attesting to their qualifications.	Letter naming CRMs	At least 5 days prior to new CRMs beginning on-site duties (as needed)	Ongoing		In-progress/ As-Needed	NA	CH2	CRS submitted names of additional/alternant CRM on 8/23/11.
CUL	CUL-1f	CONS	The CRS may elect to obtain the services of other technical specialists, if needed, to assist in monitoring, mitigation, and curation activities. The resume(s) of any additional technical specialist(s), e.g., historical archaeologist, historian, architectural historian, and/or physical anthropologist, shall be submitted to the CPM for approval.	At least 10 days prior to any technical specialists beginning tasks, the resume(s) of the specialists shall be provided to the CPM for review and approval.	As needed technical specialists Quals	At least 10 days prior to any technical specialists beginning tasks	Ongoing		As-Needed	NA	CH2	
CUL	CUL-2a	PC	Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition. No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 40 days prior to the start of construction-related ground disturbance, provide the AFC, data responses, confidential cultural resources documents, and the Energy Commission FSA to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities.	Maps and drawings	At least 40 days prior to the start of construction-related ground disturbance			Complete	NA	CH2	
CUL	CUL-2b	CONS	Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition. No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to the start of construction-related ground disturbance, if there are changes to any construction-related footprint, provide revised maps and drawings for the changes to the CRS and CPM.	Updated maps and drawings	At least 15 days prior to start of construction-related ground disturbance	Ongoing		In-progress	NA	EPC	

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CUL	CUL-2c	CONS	Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition. No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to each phase of a phased project, provide maps and drawings, if not previously provided, to the CRS and CPM.	Maps and drawings	At least 15 days prior to start of new phase of construction	Ongoing		In-progress	NA	EPC	
CUL	CUL-2d	CONS	Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition. No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Weekly during construction-related ground disturbance, a current schedule of anticipated project activity shall be provided to the CRS and CPM by letter, e-mail, or fax.	Current schedule	Weekly during ground disturbance	Ongoing		In-progress	NA	EPC	
CUL	CUL-2e	CONS	The project owner shall notify the CRS and CPM of any changes to the scheduling of the construction phases.	Within 5 days of changing the scheduling of phases of a phased project, provide written notice of the changes to the CRS and CPM.	Change in schedule of phases	Within 5 days of changing schedule	Ongoing		As-Needed	NA	EPC	
CUL	CUL-3a	PC	Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS and as described in this condition, to the CPM for review and approval. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. No construction-related ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	Upon approval of the CRS proposed by the project owner, the CPM will provide to the project owner an electronic copy of the draft model CRMMP for the CRS. At least 30 days prior to the start of construction-related ground disturbance, submit the CRMMP to the CPM for review and approval.	Draft CRMMP	At least 30 days prior to the start of construction-related ground disturbance			Complete	NA	CH2	
CUL	CUL-3b	PC	CRMMP	At least 30 days prior to the start of construction-related ground disturbance, in a letter to the CPM, agree to pay curation fees for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	Letter confirming agreement to pay curation fees	At least 30 days prior to the start of construction-related ground disturbance			Complete	NA	CCGS	
CUL	CUL-3c	CONS	Copies of the CRMMP shall reside with the CRS, alternate CRS, each CRM, and the project owner's on-site construction manager.		--	Throughout Construction	Ongoing		In-progress	NA	CCGS	
CUL	CUL-4a	CONS	Submit the final Cultural Resources Report (CRR) to the CPM for approval. The final CRR shall be prepared as described in this condition.	Within 90 days after completion of construction-related ground disturbance (including landscaping), submit the final CRR to the CPM for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix.	Final CRR	Within 90 days after completion of ground disturbance	TBD		Not Started	NA	CH2	
CUL	CUL-4b	CONS	CRR	Within 90 days after completion of construction-related ground disturbance, if cultural materials requiring curation were generated or collected, provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the California State Historical Resources Commission's Guidelines for the Curation of Archaeological Collections, to accept cultural materials, if any, from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	Commitment from Curation Facility	Within 90 days after completion of ground disturbance	Ongoing		As-Needed	NA	CH2	Only applies if cultural materials are recovered that require curation.
CUL	CUL-4c	CONS	CRR	Within 10 days after CPM approval of the CRR, provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies of construction-related reports.	Confirmation that CRR has been provided to required agencies	Within 10 days after CPM approval of the CRR	TBD		Not Started	NA	CH2	
CUL	CUL-4d	CONS	If the project owner requests a suspension of construction-related ground disturbance and/or construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction-related ground disturbance and/or construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request.	Within 30 days after requesting a suspension of construction activities, submit a draft CRR to the CPM for review and approval. If the project is withdrawn, submit a final CRR at the same time as the withdrawal request.	Draft CRR	Within 30 days after requesting a suspension of construction activities	Ongoing		Not Started	NA	CH2	
CUL	CUL-5a	PC	Prior to and for the duration of construction-related ground disturbance, provide Worker Environmental Awareness Program (WEAP) training, as described in the condition to all new workers within their first week of employment. No construction-related ground disturbance shall occur prior to implementation of the WEAP program, unless such activities are specifically approved by the CPM.	At least 30 days prior to the beginning of construction-related ground disturbance, the CRS shall provide the training program draft text and graphics and the informational brochure to the CPM for review and approval. At least 15 days prior to the beginning of construction-related ground disturbance, the CPM will provide to the project owner a WEAP Training Acknowledgment form for each WEAP-trained worker to sign.	Draft WEAP	At least 30 days prior to the beginning of ground disturbance			Complete	NA	CH2	
CUL	CUL-5b	CONS	WEAP TRAINING	Monthly, until construction-related ground disturbance is completed, provide in the Monthly Compliance Report (MCR) the WEAP Training Acknowledgment forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	Signed WEAP Training Forms	Monthly	Ongoing		In-progress	NA	EPC	

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CUL	CUL-6a	CONS	The CRS, alternate CRS, or CRMs shall monitor full time, as described in this condition, all construction-related ground disturbance at the project site to ensure there are no impacts to undiscovered resources and to ensure that known resources are not impacted in an unanticipated manner. The CRMs shall keep a daily log of monitoring and other cultural resources activities, as specified in this condition. As described in this condition, archaeological monitoring of all earth-moving activities shall be implemented, in the areas specified in this condition, for as long as the CPM requires. The research design in the CRMMP shall govern the collection, treatment, retention/disposal, and curation of any archaeological materials encountered. From the daily monitoring logs, the CRS shall compile a monthly monitoring summary report to be included in the MCR, as specified in this condition.	Monthly, while monitoring is on-going, include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS and attach any new DPR 523A forms completed for finds treated prescriptively, as specified in the CRMMP. Include reports from CRS of incidents of noncompliance with monitoring described in condition CUL-6h.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
CUL	CUL-6b	CONS	In the event that the CRS believes that a current level of monitoring is not appropriate in certain locations, a letter or e-mail detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring.	At least 24 hours prior to implementing a proposed change in monitoring level, submit to the CPM, for review and approval, a letter or e-mail detailing the CRS's justification for changing the monitoring level.	(If Needed)	At least 24 hours prior to implementing a proposed change in monitoring level	Ongoing		As-Needed	NA	CH2	Email notice of reduced level of on-site monitoring issued on 9/30/11
CUL	CUL-6c	CONS	The CRS or alternate CRS shall report daily to the CPM on the status of the project's cultural resources-related activities, unless reducing or ending daily reporting is requested by the CRS and approved by the CPM.	Daily, as long as no cultural resources are found, the CRS shall provide a statement that "no cultural resources over 50 years of age were discovered" to the CPM as an e-mail or in some other form of communication acceptable to the CPM.	Statement of non-discovery	Daily	Ongoing		In-progress	NA	CH2	
CUL	CUL-6d	CONS	CRS	At least 24 hours prior to reducing or ending daily reporting, submit to the CPM, for review and approval, a letter or e-mail (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Written Justification	At least 24 hours prior to reducing or ending daily reporting	TBD		Not Started	NA	CH2	
CUL	CUL-6e	CONS	A Native American monitor shall be obtained to monitor construction-related ground disturbance in areas where Native American artifacts are discovered and written notification of discoveries of archaeological material of interest to Native Americans shall be sent to those Native Americans who requested to be notified of such discoveries as specified in this condition.	No less than two days after the letter is sent, the CPM shall be copied on all of the information transmittal letters sent to the Chairpersons of the Native American tribes or groups who requested the information following the discovery of any Native American cultural materials. Additionally, submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	(If Needed)	No less than 2 days after sending letters to Chairpersons of Native American tribes	Ongoing		As-Needed	NA	CCGS	
CUL	CUL-6f	CONS	Native American monitor.	Within 15 days of receiving them, submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	(If Needed)	Within 15 days of receiving comments or information provided by Native Americans	Ongoing		As-Needed	NA	CCGS	
CUL	CUL-6g	CONS	The CRS, may informally discuss cultural resources activities with Energy Commission technical staff. Any interference with monitoring activities, removal of a monitor from duties assigned by the CRS, or direction to a monitor to relocate monitoring activities by anyone other than the CRS shall be considered non compliance. Upon becoming aware of any incidents of non-compliance, the CPM shall be notified within 24 hours. The CRS shall also recommend corrective action.	-	(If Needed)	Within 24 hours of non-compliance	Ongoing		As-Needed	NA	CH2	
CUL	CUL-6h	CONS	If an incident of non-compliance occurs, when the issue is resolved, the CRS shall write a report describing the issue, the resolution of the issue, and the effectiveness of the resolution measures. This report shall be provided in the next MCR for the review of the CPM.	-	(If Needed)	The next MCR after a non-compliance issue occurs	Ongoing		As-Needed	NA	CH2	
CUL	CUL-7a	PC	The CRS, alternate CRS, and CRMs shall have authority to halt construction-related ground disturbance in the event of a cultural resource discovery. Redirection of construction-related ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. If the discovery includes human remains, the project owner shall comply with the requirements of Health and Human Safety Code 7050.5(b) and (c). Monitoring and daily reporting as provided in these conditions shall continue during the project's construction-related ground-disturbing activities elsewhere.	At least 30 days prior to the start of construction-related ground disturbance, provide the CPM and CRS with a letter confirming that the CRS, alternate CRS, and CRMs have the authority to halt construction-related ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	Letter of confirmation	At least 30 days prior to the start of ground disturbance			Complete	NA	CH2	
CUL	CUL-7b	CONS	In the event of a discovery, the halting or redirection of construction-related ground disturbance shall remain in effect until the CRS has visited the discovery, and measures (1) through (4) of this condition have occurred.	Within 48 hours of the discovery of a resource of interest to Native Americans, the project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of such a discovery.	(If Needed)	Within 48 hours of the discovery of a resource of interest to Native Americans	Ongoing		As-Needed	NA	CH2	Only required if cultural resource discovered.

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CUL	CUL-7c	CONS	CRS	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during construction-related ground disturbance shall be submitted to the CPM for review and approval no later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	(If Needed)	Within 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever the CRS decides is more appropriate	Ongoing		As-Needed	NA	CH2	
ELEC	ELEC-1	CONS	Prior to the start of any increment of electrical construction for electrical equipment and systems 480 Volts or higher (see a representative list in this condition ELEC-1), submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction, submit to the CBO for design review and approval the documents listed in this condition. Include a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and send the CPM a copy of the transmittal letter in the next monthly compliance report.	MCR	Monthly	Ongoing		In-progress	NA	EPC	Final design, specs, & calcs / RE Statement / Transmittal to CPM, Multi-times: At least 30 days prior to the start of each increment of electrical construction. CBO issued approval on 8/24/11 for construction power.
GEN	GEN-1a	CONS	The LORS listed in this condition shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the OGS.	Within 30 days following receipt of the certificate of occupancy, submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met.	Statement of Design Verification	Within 30 days following receipt of the certificate of occupancy	TBD		Not Started	NA	EPC	
GEN	GEN-1b	CONS	The LORS listed in this condition shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the OGS.	Provide the CPM a copy of the certificate of occupancy within 30 days of receipt from the CBO.	Certificate of Occupancy	Within 30 days of receiving the certificate of occupancy	TBD		Not Started	NA	EPC	
GEN	GEN-1c	OPS	The LORS listed in this condition shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the OGS.	Once the certificate of occupancy has been issued, inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	Notification to CPM	At least 30 days prior to any work on the completed facility that requires CBO approval	As-needed		As-Needed	NA	CCGS	
GEN	GEN-2a	CONS	Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Schedule, Master Drawings & Specifications Lists	At least 60 days prior to the start of rough grading	Ongoing		In-progress	NA	EPC	
GEN	GEN-2b	CONS	Facility Design	Provide schedule updates in the monthly compliance report.	MCR	Monthly	Ongoing		In-progress	NA	EPC	
GEN	GEN-3	CONS	Make payments to the CBO for design review, plan checks, and construction inspections. These fees may be consistent with the fees listed in the 2010 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	MCR	Monthly	Ongoing		In-progress	NA	CCGS	Copy of CBO's Receipt of Payment, Multi-times: In accordance with the agreement.
GEN	GEN-4a	CONS	Prior to the start of rough grading, assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. RE or his/her delegate(s) shall be responsible for the elements listed in this condition.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	As-needed		Complete	NA	CCGS	Karina Winje, PE (OPC) is the RE. CBO approval was issued on 3/28/11, and submitted to the CPM on 4/22/11. Engineer designations for TSE-2 remain to be identified.
GEN	GEN-4b	CONS	Site Grading	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	As-needed		Complete	NA	CCGS	
GEN	GEN-4c	CONS	If the RE or the delegated engineers are reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer.	If the RE or the delegated engineer(s) is subsequently reassigned or replaced, the project owner has five days to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval.	(If Needed)	Within 5 days of replacing the RE or delegated engineer(s)	As-needed		As-Needed	NA	C+M11CGS	
GEN	GEN-5a	CONS	Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition to the project. The duties of the engineers are outlined in this condition.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer assigned to the project.	Engineer Resumes and registration number	At least 30 days prior to the start of rough grading	As-needed		Complete	NA	CCGS	Ivan Engeman - EE, Shannon Adams - ME, Graylyn Garr - CEC, Wei Tu - CE, and Norman Hoist - Engineering Geologist. CBO approval was issued on 4/14/11, and submitted to the CPM on 4/22/11. Engineer designations for TSE-2 remain to be identified.
	GEN-5b	CONS	Site Grading	Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	As-needed		Complete	NA	CCGS	

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GEN	GEN-5c	CONS	Site Grading	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	(If Needed)	Within 5 days of replacing the designated engineer	As-needed		As-Needed	NA	CCGS	
GEN	GEN-6a	CONS	Prior to the start of an activity requiring special inspection, assign to the project, qualified and certified special inspector(s) The special inspector(s) shall preform the duties outlined in this condition.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection, submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth in this condition.	Name/Quals of Special Inspector	At least 15 days prior to the start of an activity requiring special inspection	As-needed		As-Needed	NA	CCGS	Three (3) resumes submitted on 9/28/11.
GEN	GEN-6b	CONS	Special Inspection	Submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.	MCR	Monthly	Ongoing		In-progress	NA	CCGS	1-time: MCR following approval of special inspectors.
GEN	GEN-6c	CONS	Special Inspection	If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned special inspector to the CBO for approval. Notify the CPM of the CBO's approval of the newly assigned inspector within five days of the approval.	(If Needed)	Within 5 days of replacing the special inspector	As-needed		As-Needed	NA	CCGS	
GEN	GEN-7	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next monthly compliance report. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	(If Needed)	Monthly	As-needed		As-Needed	NA	EPC	MCR following corrective action.
GEN	GEN-8a	CONS	Obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. Request the CBO to inspect the completed structure and review the submitted documents. Notify the CPM after obtaining the CBO's final approval. Retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Within 15 days of the completion of any work, submit to the CBO, with a copy to the CPM, in the next monthly compliance report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans.	MCR	Monthly	Ongoing		In-progress	NA	EPC	Within 15 days of the completion of any work.
GEN	GEN-8b	CONS	CBO	After storing the final approved engineering plans, specifications, and calculations described above, submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Notification to CPM	After storing the final approved engineering plans, specifications, and calculations	Ongoing		Not Started	NA	CCGS	
GEN	GEN-8c	CONS	CBO	Within 90 days of the completion of construction, provide to the CBO three sets of electronic copies of the above documents at the project owner's expense. These are to be provided in the form of "read only" (Adobe) files, with restricted (password-protected) printing privileges, on archive quality compact discs.	Copies of approved plans/specs/calcs/as-builts	Within 90 days of the completion of construction	TBD		Not Started	NA	CCGS	
HAZ	HAZ-1	OPS	Any hazardous materials not listed in Appendix B shall not be used, or in greater quantities or strengths than those identified by chemical name in Appendix B, unless approved in advance by the CPM.	Provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	ACR	Annually	Ongoing		Not Started	NA	CCGS	
HAZ	HAZ-2a	CONS	The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), an updated Spill Prevention, Control, and Countermeasure Plan (SPCC), and an updated Risk Management Plan (RMP) prepared pursuant to the California Accidental Release Program (CalARP) to the Contra Costa County Health Services Department – Hazardous Materials Program (CCCHSD-HMP) and the CPM for review. The project owner shall consider all recommendations that are made by the CCCHSD and CPM within thirty (30) days of submittal. Copies of any comments received (or if none were received, a letter so stating), the final updated HMBP, updated SPCC Plan, and updated RMP shall then be provided to the CCCHSD-HMP and the East Contra Costa Fire Protection District (ECCFPD) for information and to the CPM for approval.	At least thirty (30) days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of any comments received (or if none were received, a letter so stating), a final updated Business Plan and updated SPCC Plan to the CCCHSD-HMP for information and to the CPM for approval. At least thirty (30) days prior to delivery of aqueous ammonia to the site, the project owner shall provide any comments received (or if none were received, a letter so stating), and the final updated RMP to the CCCHSD-HMP and the ECCFPD for information and to the CPM for approval.	Final HMBP and SPCC	At least 30 days prior to receiving any hazardous material / aqueous ammonia on the site	TBD		Not Started	NA	CH2	Commissioning/Operations.
HAZ	HAZ-2b	CONS	Copies of the final Hazardous Material Business Plan, SPCC Plan, and RMP shall be provided to the CCCHSD-HMP and the East Contra Costa Fire Protection District (ECCFPD) for information and to the CPM for approval.	At least 30 days prior to delivery of aqueous ammonia to the site, provide any comments received (or if none were received, a letter so stating), and the final RMP to the CCCHSD-HMP and ECCFPD for information and to the CPM for approval.	Final RMP	At least 30 days prior to receiving any hazardous material / aqueous ammonia on the site	TBD		Not Started	NA	CH2	
HAZ	HAZ-3	CONS	Develop and implement a Safety Management Plan, as outlined in this condition for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, provide a Safety Management Plan as described in this condition to the CPM for review and approval.	Safety Management Plan	At least 30 days prior to the delivery of any liquid hazardous material to the facility	TBD		Not Started	NA	CH2	Commissioning/Operations.

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HAZ	HAZ-4	CONS	The aqueous ammonia storage facility shall be designed to either the ASME Pressure Vessel Code and ANSI K61.6 or to API 620, as described in this condition.	At least 60 days prior to delivery of aqueous ammonia to the facility, submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the CPM for review and approval.	Final design drawings/specs of ammonia storage tank & secondary containment	At least 60 days prior to delivery of aqueous ammonia to the facility	TBD		Not Started	NA	EPC	
HAZ	HAZ-5	CONS	All vendors delivering aqueous ammonia to the site shall use only tanker truck transport vehicles which meet or exceed the specifications of DOT Code MC-307.	At least 30 days prior to receipt of aqueous ammonia on site, submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	Notification letters re: transport vehicle specs	At least 30 days prior to receipt of aqueous ammonia on site	TBD		Not Started	NA	EPC	
HAZ	HAZ-6	CONS	The project owner shall direct all vendors delivering any hazardous material to the site to use only the routes approved by the CPM (SR-4 to SR-160 to Wilbur Avenue to Bridgehead Road to the project site, or SR 4/Main Street and turn onto Bridgehead Road to the project site). The project owner shall obtain approval of the CPM if an alternate route is desired.	At least sixty (60) days prior to receipt of any hazardous materials on site, the project owner shall submit copies of the required transportation route limitation direction to the CPM for review and approval	Transportation Route Limitation Direction	At least sixty (60) days prior to receipt of any hazardous materials on site	TBD		Not Started	NA	EPC	
HAZ	HAZ-7	PC	Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include items (1) through (3) of this condition.	At least 30 days prior to commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Construction Security Plan	At least 30 calendar days prior to start of construction			Complete	NA	EPC	
HAZ	HAZ-8a	CONS	Revise an existing or prepare a new site-specific security plan, as described in this condition, for the commissioning and operational phases that will be available to the CPM for review and approval. The level of security to be implemented shall not be less than that described in (1) through (6) of this condition (as per NERC 2002). Fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans.	At least 30 days prior to the initial receipt of hazardous materials on site, notify the CPM that a site-specific operations site security plan is available for review and approval.	Site Specific Operations Security Plan	At least 30 days prior to the initial receipt of hazardous materials on site	TBD		Not Started	NA	EPC/CCGS	Operations Phase.
HAZ	HAZ-8b	OPS	Site Security	In the annual compliance report, include a statement that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan. In the annual compliance report, include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	ACR	Annually	Ongoing		Not Started	NA	CCGS	
HAZ	HAZ-9a	CONS	The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve “flammable gas blows” where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging shall be used. Exceptions to any of these provisions will be made only if no other satisfactory method is available, and then only with the approval of the CPM.	At least 30 days before any fuel gas pipe cleaning activities involving fuel gas pipe of four-inch or greater external diameter, submit a copy of the Fuel Gas Pipe Cleaning Work Plan which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before fuel gas pipe cleaning activities	TBD		Not Started	NA	CCGS	
HAZ	HAZ-9b	OPS	The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve “flammable gas blows” where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging shall be used. Exceptions to any of these provisions will be made only if no other satisfactory method is available, and then only with the approval of the CPM.	At least 30 days before any fuel gas pipe cleaning activities involving fuel gas pipe of four-inch or greater external diameter, submit a copy of the Fuel Gas Pipe Cleaning Work Plan which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before fuel gas pipe cleaning activities	Ongoing		Not Started	NA	CCGS	
HAZ	HAZ-10a	CONS	The project owner shall notify the CPM in writing of any new safety and/or reliability legislation, rules, regulations, or standards adopted for natural gas distribution pipelines by the CPUC, NTSB, USDOT, or any other agency with jurisdiction during OGS pipeline construction or operation that are applicable to the OGS project natural gas pipeline. The project owner shall notify the CPM of the regulations and thereafter, consult with PG&E and the CPM regarding the project's feasible compliance with and implementation of the applicable measures.	Within 15 days of the adoption of any new safety and/or reliability legislation, rules, regulations, or standards for natural gas distribution pipelines, that are applicable to the OGS natural gas pipeline, the project owner shall provide the CPM with a written copy of the rule.	Written Notification	If needed, within 15 days of adoption	Ongoing		As-Needed	NA	CCGS	
HAZ	HAZ-10b	OPS	The project owner shall notify the CPM in writing of any new safety and/or reliability legislation, rules, regulations, or standards adopted for natural gas distribution pipelines by the CPUC, NTSB, USDOT, or any other agency with jurisdiction during OGS pipeline construction or operation that are applicable to the OGS project natural gas pipeline. The project owner shall notify the CPM of the regulations and thereafter, consult with PG&E and the CPM regarding the project's feasible compliance with and implementation of the applicable measures.	Within 15 days of the adoption of any new safety and/or reliability legislation, rules, regulations, or standards for natural gas distribution pipelines, that are applicable to the OGS natural gas pipeline, the project owner shall provide the CPM with a written copy of the rule.	Written Notification	If needed, within 15 days of adoption	Ongoing		As-Needed	NA	CCGS	

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MECH	MECH-1a	CONS	Submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed. Upon completion of construction of any such system, request the CBO's inspection. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable LORS.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and master specifications list, submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and send the CPM a copy of the transmittal letter in the next monthly compliance report.	Final design plans, Specs & Calcs Engineer certification w/ transmittal to CPM	Multi-times: At least 30 days prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and specifications list	Ongoing		Not Started	NA	EPC	
MECH	MECH-1b	CONS	Final Design	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	MCR	Monthly	Ongoing		In-progress	NA	EPC	In the following MCR.
MECH	MECH-2a	CONS	For all pressure vessels installed in the plant, submit to CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, request the appropriate CBO and/or Cal-OSHA inspection of that installation.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel, submit to the CBO for design review and approval, the documents listed in this condition, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	See condition text for document list	At least 30 days prior to the start of on-site fabrication or installation of any pressure vessel	Ongoing		Not Started	NA	EPC	
MECH	MECH-2b	CONS	Pressure Vessels	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO and/or Cal-OSHA inspection approvals.	MCR	Monthly	Ongoing		In-progress	NA	EPC	Copy of transmittal in the following MCR.
MECH	MECH-3	CONS	Submit to the CBO for design review and approval, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. Design and install all HVAC and refrigeration systems in accordance with applicable codes. Upon completion of any increment of construction, request the CBO's inspection. The final plans, specifications and calculations shall include approved criteria, assumptions, and methods. In addition, the responsible mechanical engineer shall sign and stamp all plans, drawings and calculations and submit a signed statement to the CBO that the proposed final design plans, specifications and calculations conform with the applicable LORS.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system, submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	HVAC & refrigeration calcs, plans, and specs / ME statement / Transmittal to CPM	At least 30 days prior to the start of construction of any HVAC or refrigeration system	Ongoing		Not Started	NA	EPC	
NOISE	NOISE-1a	CONS	PUBLIC NOTIFICATION PROCESS	Notify all residents within one mile of the project site boundaries and within ½-mile of the linear facilities, of the commencement of project construction. Establish a telephone number, as outlined in this condition for use by the public to report any undesirable noise conditions, and include the telephone number in above notice.	Public Notification	At least 15 days prior to the start of ground disturbance	TBD		Not Started	NA	CH2	Notice was provided for OGS project site and water line. Still need to provide additional notice prior to the start of T-line construction.
NOISE	NOISE-1b	CONS	PUBLIC NOTIFICATION PROCESS	At least 15 days prior to the start of demolition, transmit to the CPM a statement, signed by the project owner's project manager, stating that the notification has been performed, and describing the method of that notification. This communication shall also verify that the telephone number has been established and posted at the site, and shall provide that telephone number.	Confirmation of public notification & establishment of telephone number	At least 15 days prior to the start of ground disturbance	TBD		Not Started	NA	CCGS	Notice was provided for OGS project site and water line. Still need to provide additional notice prior to the start of T-line construction.
NOISE	NOISE-1c	OPS	PUBLIC NOTIFICATION PROCESS	Verification that the telephone number was maintained for at least one year after the project was operational.	Verification Letter	One year after project has been operational	Ongoing		Not Started	NA	CCGS	
NOISE	NOISE-2a	CONS	NOISE COMPLAINT PROCESS: Throughout the construction of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints, as outlined in this condition.	Within five days of receiving a noise complaint, file a Noise Complaint Resolution Form, with both the local jurisdiction and the CPM, that documents the resolution of the complaint.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	Ongoing		As-Needed	NA	CCGS	
NOISE	NOISE-2b	CONS	NOISE COMPLAINT PROCESS: Throughout the construction of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints, as outlined in this condition.	If mitigation is required to resolve a noise complaint, and the complaint is not resolved within a three-day period, submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	Updated Noise Complaint Resolution Form	As-needed	Ongoing		As-Needed	NA	CCGS	Clarify verification with CEC Staff.
NOISE	NOISE-2c	OPS	NOISE COMPLAINT PROCESS: Throughout the operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints, as outlined in this condition.	Within five days of receiving a noise complaint, file a Noise Complaint Resolution Form, with both the local jurisdiction and the CPM, that documents the resolution of the complaint.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	Ongoing		As-Needed	NA	CCGS	
NOISE	NOISE-2d	OPS	NOISE COMPLAINT PROCESS: Throughout the operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints, as outlined in this condition.	If mitigation is required to resolve a noise complaint, and the complaint is not resolved within a three-day period, submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	Updated Noise Complaint Resolution Form	As-needed	As-needed		As-Needed	NA	CCGS	
NOISE	NOISE-3a	PC	Submit to the CPM for review and approval a noise control program and to reduce employee exposure to high (above permissible) noise levels during construction in accordance to the applicable OSHA and Cal-OSHA standards.	At least 30 days prior to the start of ground disturbance, submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	Noise Control Program	At least 30 days prior to the start of ground disturbance			Complete	NA	EPC	
NOISE	NOISE-3b	PC	Submit to the CPM a statement verifying that the noise control program will be implemented throughout construction of the project.	At least 30 days prior to the start of ground disturbance, submit the statement signed by project manager to the CPM.	Signed Project Owner's Statement	At least 30 days prior to the start of ground disturbance			Complete	NA	CCGS	

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NOISE	NOISE-4a	CONS	NOISE RESTRICTIONS: The project design and implementation shall include appropriate noise mitigation measures as described in this condition.	The 25-hour community noise survey shall take place within 30 days of the project first achieving a sustained output of 90% or greater of rated capacity.	--	Within 30 days of the project first achieving a sustained output of 90% or greater of rated capacity	TBD		Not Started	NA	CH2	
NOISE	NOISE-4b	CONS	NOISE RESTRICTIONS	Within 15 days after completing the survey, submit a summary report of the survey to the CPM. Included in the survey report will be the measures described in this condition. Included in the survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit, and a schedule, subject to CPM approval, for implementing these measures.	Survey Summary Report	Within 15 days after completing the noise survey	TBD		Not Started	NA	CH2	
NOISE	NOISE-4c	CONS	NOISE RESTRICTIONS	If additional noise mitigation measure are required, the noise survey shall be repeated after implementation of additional mitigation measures.	--	As-needed	Ongoing		As-Needed	NA	CH2	
NOISE	NOISE-5	CONS	Following the project's attainment of a sustained output of 85% or greater of its rated capacity, conduct an occupational noise survey to identify any noise hazardous areas in the facility. A report shall be prepared of the survey results and, if necessary, proposed mitigation measures to be employed in order to comply with the applicable California and federal regulations.	Within 30 days after completing the occupational noise survey, submit the noise survey report to the CPM. Make the report available to OSHA and Cal-OSHA upon request.	Occupational Noise Survey Report	Within 30 days after completing the occupational noise survey	TBD		Not Started	NA	CH2	
NOISE	NOISE-6a	CONS	STEAM BLOW RESTRICTIONS: If a traditional, high-pressure steam blow process is employed, the project owner shall equip steam blow piping with a temporary silencer that quiets the noise of steam blows to no greater than 68 dBA Leq measured at monitoring location M2 and no greater than 64 dBA Leq measured at monitoring location M1. The project owner shall conduct high pressure steam blows only between the hours of 9:00 a.m. to 7:00 p.m.	At least 15 days prior to the first high-pressure steam blow, the project owner shall submit to the CPM drawings or other information describing the temporary steam blow silencer and the noise levels expected, and a description of the steam blow schedule.	High pressure steam blow plan	At least 15 days prior to the first high-pressure steam blow	TBD		Not Started	NA	EPC	
NOISE	NOISE-6b	CONS	STEAM BLOW RESTRICTIONS: If a low-pressure continuous steam blow process is employed, the project owner shall submit a description of this process, with expected noise levels and projected hours of execution, to the CPM.	At least 15 days prior to any low-pressure continuous steam blow, the project owner shall submit to the CPM drawings or other information describing the process, including the noise levels expected and the projected time schedule for execution of the process.	Low pressure steam blow plan	At least 15 days prior to any low-pressure continuous steam blow	TBD		Not Started	NA	EPC	
NOISE	NOISE-7a	CONS	STEAM BLOW RESTRICTIONS: The project owner shall notify all residents or business owners within one mile of the site of the planned steam blow activity, and shall make the notification available to other area residents in an appropriate manner.	---	Public Notification	At least 15 days prior to the first steam blow(s)	TBD		Not Started	NA	CCGS	
NOISE	NOISE-7b	CONS	STEAM BLOW RESTRICTIONS: The project owner shall send a letter to the CPM confirming that they have been notified of the planned steam blow activities, including a description of the method(s) of that notification	---	Confirmation letter	Within five (5) days of notifying all residents or business owners	TBD		Not Started	NA	CCGS	
NOISE	NOISE-8	PC	CONSTRUCTION TIME RESTRICTIONS: Heavy equipment operation and noisy construction work, including pile driving, shall be restricted to the times delineated in this condition. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies. Variance from the above-noted restrictions may be allowed upon issuance of a variance or waiver by the CPM, in consultation with the City of Oakley.	Prior to ground disturbance, a statement acknowledging that the restrictions in this condition will be observed throughout the construction of the project shall be transmit to the CPM, unless a variance or waiver from the above-noted restrictions has been approved by the CPM.	Statement of acknowledgement	Prior to ground disturbance			Complete	NA	EPC	
PAL	PAL-1a	PC	Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Specialist (PRS) shall meet the minimum qualifications described in this condition.	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability	At least 60 days prior to the start of ground disturbance			Complete	NA	CH2	
PAL	PAL-1b	PC	Ensure that the PRS obtains qualified Paleontological Resource Monitors (PRMs) to monitor as he or she deems necessary on the project. PRMs shall have the equivalent of the qualifications described in this condition.	At least 20 days prior to ground disturbance, provide a letter with resumes naming anticipated monitors, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	PRM Resumes & Quals	At least 20 days prior to ground disturbance			Complete	NA	CH2	
PAL	PAL-1c	CONS	If a PRM is replaced, the resume of the replacement PRM shall also be provided to the CPM. Keep resumes on file for qualified PRM.	If additional monitors are obtained during the project, provide additional letters and resumes to the CPM. The letter shall be provided to the CPM no later than one week prior to the monitor's beginning on-site duties.	(If Needed)	At least 1 week prior to the monitor beginning duties	Ongoing		As-Needed	NA	CH2	
PAL	PAL-2a	PC	Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the project, as described in this condition. If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The PRS or PRM shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week.	At least 30 days prior to the start of ground disturbance, provide the maps and drawings to the PRS and CPM.	Maps and drawings	At least 30 days prior to the start of ground disturbance			Complete	NA	EPC	
PAL	PAL-2b	CONS	If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	(If Needed)	At least 15 days prior to the start of ground disturbance	As-needed		As-Needed	NA	EPC	

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PAL	PAL-2c	CONS	Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the scheduling of the construction phases, submit a letter to the CPM within 5 days of identifying the changes.	(If Needed)	Within 5 days of identifying the changes	As-needed		As-Needed	NA	EPC	
PAL	PAL-3	PC	A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	PRMMP	At least 30 days prior to ground disturbance			Complete	NA	CH2	
PAL	PAL-4a	PC	Worker Environmental Awareness Program: Prior to ground disturbance and for the duration of construction activities involving ground disturbance, as described in this condition, prepare and conduct weekly CPM-approved paleontological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	At least 30 days prior to ground disturbance, submit the proposed WEAP, including the brochure, with the set of reporting procedures for workers to follow. At least 30 days prior to ground disturbance, the project owner shall submit the script/final video to the CPM for approval if the project owner is planning to use a video for interim training.	Proposed WEAP, script, and final video	At least 30 days prior to ground disturbance			Complete	NA	CH2	
PAL	PAL-4b	CONS	WEAP TRAINING	If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct training prior to CPM authorization.	(If Needed)	Prior to installation of an alternate trainer	Ongoing		As-Needed	NA	CH2	
PAL	PAL-4c	CONS	WEAP TRAINING	In the MCR, provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	MCR	Monthly	Ongoing		In-progress	NA	EPC	
PAL	PAL-5a	CONS	The PRS and PRM(s) shall monitor consistent with the PRMMP all construction-related grading, excavation, trenching, and augering in areas where potential fossil-bearing materials have been identified. The PRS and PRM(s) have the authority to halt or redirect construction if paleontological resources are encountered. Monitoring activities shall be conducted as in accordance with (1) through (4) of this condition. A summary of monitoring and other paleontological activities shall be included placed in the MCRs, as described by this condition.	The PRS shall submit the summary of monitoring and paleontological activities in the MCR.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
PAL	PAL-5b	CONS	Any change of monitoring from the accepted schedule in the PRMMP shall be proposed in a letter or email from the PRS and the project owner to the CPM prior to the change in monitoring and will be included in the monthly compliance report. The letter or email shall include the justification for the change in monitoring and be submitted to the CPM for review and approval. In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM.	When feasible, the CPM shall be notified 10 days in advance of any proposed changes in monitoring different from the plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change	(If Needed)	At least 10 days in advance of any proposed changes in monitoring, when feasible	Ongoing		As-Needed	NA	CH2	
PAL	PAL-6a	OPS	All components of the PRMMP shall be adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during project construction.	Maintain in the compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists for a period of three years after project completion and approval of the CPM-approved paleontological resource report (see PAL-7).	--	For 3 years after project completion	Ongoing		Not Started	NA	CCGS	
PAL	PAL-6b	CONS	PRMMP	Pay any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	(If Needed)	Following transmittal of fossils	Ongoing		As-Needed	NA	CCGS	
PAL	PAL-7	CONS	The Paleontological Resources Report (PRR) shall be prepared by the designated PRS following completion of the ground-disturbing activities. The PRR shall include the elements described in this condition.	Within 90 days after completion of ground-disturbing activities, including landscaping, submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground-disturbing activities	TBD		Not Started	NA	CH2	
PUBLIC HEALTH	PUBLIC HEALTH-1	CONS	Develop and implement a Cooling Water Management Plan that is consistent with either staff's *Cooling Water Management Program Guidelines* or the Cooling Technology Institute's *Best Practices for Control of Legionella* guidelines.	At least 30 days prior to the start of cooling tower construction, the Cooling Water Management Plan shall be provided to the Compliance Project Manager for review and approval.	Cooling Water Management Plan	At least 30 days prior to the start of cooling tower construction	TBD		Not Started	NA	CCGS	
SOCIO	SOCIO-1	PC	The project owner shall pay to the city of Oakley the Park Land Dedication Fee, Park Improvement Fee, Public Facilities Fee and the Fire Facilities Fee.	At least 15 days prior to the start of project construction, the project owner shall provide the Compliance Project Manager (CPM) proof of payment to the city of Oakley for the Park Land Dedication Fee, Park Improvement Fee, Public Facilities Fee and the Fire Facilities Fee.	Payment / Proof of payment	At least 30 days prior to start of construction			Complete	NA	CCGS	
SOCIO	SOCIO-2	PC	Pay the one-time statutory school facility development fee to Antioch Unified School District as required by Education Code Section 17620.	At least 30 days prior to the start of project construction, provide to the CPM proof of payment of the statutory development fee.	Payment / Proof of payment	At least 30 days prior to start of construction			Complete	NA	CCGS	

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S&W	SOIL & WATER-1a	PC	Obtain CPM approval for a site-specific Drainage, Erosion, and Sedimentation Control Plan / Stormwater Control Plan (DESCP / SWCP) that ensures protection of water quality and soil resources of the project site for both the construction and operational phases of the project. The DESCP shall contain elements (1) through (11) of this condition.	No later than 90 days prior to start of site mobilization, submit a copy of the DESCP to City of Oakley, Contra Costa Clean Water Program, and the Central Valley RWQCB (CV RWQCB) for review and comment.	Draft DESCP	At least 90 days prior to the start of site mobilization			Complete	NA	CH2	
S&W	SOIL & WATER-1b	PC	DESCP	A copy of the DESCP shall be submitted to the CPM no later than 60 days prior to the start of site mobilization for review and approval. The CPM shall consider comments received from City, CCCWP and/or CV RWQCB's.	Draft DESCP w/ County Comments	At least 60 days prior to the start of site mobilization			Complete	NA	CH2	
S&W	SOIL & WATER-1c	CONS	DESCP	During construction, provide an analysis in the monthly compliance report on the effectiveness of the drainage-, erosion- and sediment-control measures and the results of monitoring and maintenance activities.	MCR	Monthly	Ongoing		In-progress	NA	CCGS	
S&W	SOIL & WATER-1d	OPS	DESCP	Once operational, provide in the annual compliance report information on the results of stormwater BMP monitoring and maintenance activities.	ACR	Annually	Ongoing		Not Started	NA	CCGS	
S&W	SOIL & WATER-1e	CONS	DESCP	No later than 14 days prior to the transfer of ownership of the soil stockpiles to DuPont, submit a letter to the CPM from DuPont indicating that DuPont will assume responsibility to maintain the stockpiles in accordance with the approved Soil Stockpile BMP Plan.	Letter to CPM	No later than 14 days prior to transfer of ownership of soil stockpiles	TBD		Not Started	NA	CCGS	
S&W	SOIL & WATER-2a	CONS	Comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) permit for discharges of storm water associated with construction activity. In order to comply, develop and implement a Construction Storm Water Pollution Prevention Plan (Construction SWPPP) for the construction of the OGS site, laydown areas, and all linear facilities.	Prior to site mobilization, submit a copy of the construction SWPPP to the CPM for review.	Construction SWPPP	Prior to site mobilization	Ongoing		Complete	NA	CH2	Plan will be updated as needed throughout construction.
S&W	SOIL & WATER-2b	CONS	Construction SWPPP.	The project owner shall submit copies to the CPM of all correspondence between the project owner and the CV RWACB regarding the NPDES permit for the discharge of stormwater associated with construction activity within 10 days of its receipt or submittal.	Copies of NPDES Correspondence	Within 10 days of receipt or submittal	Ongoing		In-progress	NA	CCGS	
S&W	SOIL & WATER-3a	CONS	If groundwater is encountered during construction or operation of the OGS, the project owner shall comply with the requirements of the Central Valley RWQCB Order NO. R5-2008-0081 for Waste Discharge Requirements for Dewatering and Other Low Threat Discharges to Surface Waters	Prior to any groundwater discharge or dewatering activities, the project owner shall submit a complete Notice of Intent (NOI) to obtain coverage under Central Valley RWQCB Order No. R5-2008-0081.	Notice of Intent	Prior to any groundwater discharge or dewatering activities	As-needed		As-Needed	NA	CH2	
S&W	SOIL & WATER-3b	CONS	Groundwater	Submit copies to the CPM of all correspondence between the project owner and the Central Valley RWQCB regarding Order No. R5-2008-0081, including the NOI, within 10 days of its receipt or submittal.	Correspondence	Within 10 days of receipt or submittal	As-needed		As-Needed	NA	CCGS	
S&W	SOIL & WATER-4a	CONS	Freshwater supplied by the potable connection with Diablo Water District (DWD) shall be used as the primary water supply for project operation for process, sanitary, and landscape irrigation purposes.	Prior to using potable and recycled water for construction or operational uses, the project owner shall submit to the CPM evidence that metering devices have been installed and are operational on the water supply and distribution systems. When the metering devices are serviced, tested and calibrated, the project owner shall provide a report summarizing these activities in the next annual compliance report. Those metering devices shall be operational for the life of the project.	Verification Letter/Initial ACR	At least 60 days prior to commercial operation	TBD		Not Started	NA	CCGS	
S&W	SOIL & WATER-4b	OPS	Water	The project owner shall monitor and record the total water used, in gallons per day, on a monthly basis including recycled water from ISD and potable water from DWD.	ACR	Annually	Ongoing		Not Started	NA	CCGS	
S&W	SOIL & WATER-4c	OPS	Freshwater use shall not exceed the annual water use-limit of 250 acre-feet per year.	The project owner, in the annual compliance report, shall provide a Water Use Summary that states the source and quantity of potable and recycled water used on a monthly basis and on an annual basis in units of acre-feet. The project owner shall include in the annual compliance report information sufficient for the CPM to determine the status of the recycled water program being implemented by ISD and which criteria for use of recycled water have been met and what remains to be completed to satisfy the criteria for use of recycled water. Prior annual water use including yearly range and yearly average shall be reported in subsequent annual compliance reports (ACR).	ACR	Annually	Ongoing		Not Started	NA	CCGS	
S&W	SOIL & WATER-4d	OPS	Water	The Project owner shall notify the CPM of any disruptions in the primary recycled water supply exceeding 24 hours.	Notification	As-needed	As-needed		As-Needed	NA	CCGS	
S&W	SOIL & WATER-4e	OPS	Water	For any planned disruptions in the primary recycled water supply that will exceed 7 days, the Project owner shall obtain CPM approval on a water supply disruption plan that outlines the reasons and duration for the planned disruption, and the volume of secondary water that will be utilized during the planned disruption.	Notification	As-needed	As-needed		As-Needed	NA	CCGS	

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S&W	SOIL & WATER-4f	OPS	Following commencement of project operations and within eighteen (18) months of all of the following conditions being met, and assuming the CEC approves a project amendment allowing the project to use recycled water and dispose of the associated high TDS wastewater, the primary water supply for project operations including all process and landscape irrigation shall be exclusively recycled water provided by Ironhouse Sanitary District (ISD) or other entity that can provide recycled water with the same water quality as ISD as approved by the CPM.	Within six (6) months of all of the criteria outlined for converting to recycled water are met, the project owner shall submit an amendment pursuant to California Code of Regulations Title 20 Section 1769(a) proposing project use of recycled water.	Amendment	6 months after criteria are met	Ongoing		Not Started	NA	CCGS	
S&W	SOIL & WATER-4g	OPS	Use of recycled water shall be limited to 280 acre-feet per year (or as determined in review of the project amendment). After the project switches to the primary recycled water supply, the backup water supply for the project operation for process and landscape irrigation shall be freshwater provided by the potable connection with DWD. The use of freshwater from DWD for these purposes shall be limited to 25 acre-feet per year.	The project owner, in the annual compliance report, shall provide a Water Use Summary that states the source and quantity of potable and recycled water used on a monthly basis and on an annual basis in units of acre-feet. The project owner shall include in the annual compliance report information sufficient for the CPM to determine the status of the recycled water program being implemented by ISD and which criteria for use of recycled water have been met and what remains to be completed to satisfy the criteria for use of recycled water. Prior annual water use including yearly range and yearly average shall be reported in subsequent annual compliance reports (ACR).	ACR	Annually (Following conversion to Recycled Water)	Ongoing		Not Started	NA	CCGS	
S&W	SOIL & WATER-5a	CONS	Comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. Develop and implement a SWPPP for the operation of the site. Ensure that only stormwater is discharged onto the site.	At least 30 days prior to commercial operation, submit the OGS operational SWPPP to the CPM.	Operation SWPPP	At least 30 days prior to commercial operation	TBD		Not Started	NA	CH2	Pre-operation.
S&W	SOIL & WATER-5b	CONS	Comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. Develop and implement a SWPPP for the operation of the site. Ensure that only stormwater is discharged.	Within 10 days of mailing or receipt of the operational SWPPP, submit to the CPM any correspondence, as specified by this condition, between the project owner and the RWQCB about the general NPDES permit for discharge of storm water associated with industrial activity.	Copies of Correspondence	Within 10 days of receipt or submittal	Ongoing		In-progress	NA	CH2	
S&W	SOIL & WATER-6a	PC	Upon project approval, the project owner shall develop and implement a Wetland E Monitoring and Adaptive Management Plan (Plan) (see BIO-19). in this condition.	At least 60 days prior to the start of any construction related ground disturbance, the project owner shall submit a copy of the Draft Wetland E Monitoring and Adaptive Management Plan to the CPM, California Department of Fish and Game (DFG) and the Central Valley RWQCB (CV RWQCB) for review and comment.	Draft Wetland E Monitoring and Adaptive Management Plan	At least 60 days prior to the start of any construction related ground disturbance			Complete	NA	CH2	
S&W	SOIL & WATER-6b	PC	Wetland Monitoring and Adaptive Management Plan for Mitigation Wetland E	The CPM in consultation with DFG and the CV RWQCB, will determine the plan's acceptability. At least 15 days prior to the start of any construction related ground disturbance, the project owner shall provide the CPM with the final version of the Wetland E Monitoring and Adaptive Management Plan	Mitigation Wetland E Monitoring and Adaptive Management Plan with comments	At least 15 days prior to the start of any construction related ground disturbance			Complete	NA	CH2	
S&W	SOIL & WATER-6c	CONS	Wetland Monitoring and Adaptive Management Plan for Mitigation Wetland E	The Wetland E Monitoring and Adaptive Management Plan shall be implemented prior to construction, including a minimum of one rainy season of pre-construction data collection.	Minimum of One-Season of Monitoring Data	Prior to construction	Ongoing		In-progress	NA	CH2	
S&W	SOIL & WATER-6d	CONS	Wetland Monitoring and Adaptive Management Plan for Mitigation Wetland E	During construction, the project owner shall provide monitoring data in the monthly compliance report on the effectiveness of the drainage, erosion and sediment control measures and the results of monitoring and maintenance activities.	MCR	Monthly	Ongoing		In-progress	NA	CH2	
S&W	SOIL & WATER-6e	OPS	Wetland Monitoring and Adaptive Management Plan for Mitigation Wetland E	Submit annual reports to the CPM, DFG, and the CV RWQCB detailing the results of water level monitoring and water quality sampling and analysis. The annual reports shall also document all maintenance activities implemented and compliance with all goals, objectives and performance standards in the Wetland E Monitoring and Adaptive Management Plan. The annual monitoring reports shall fully describe the status of the hydrology and water quality at Wetland E and any adaptive management measures implemented. Annual monitoring reports shall be submitted for review and approval annually within 30 days of the anniversary date of the commencement of habitat improvements for the life of the project.	ACR	Annually	Ongoing		Not Started	NA	CCGS	
S&W	SOIL & WATER-6f	OPS	Wetland Monitoring and Adaptive Management Plan for Mitigation Wetland E	The project owner shall submit copies to the CPM of all correspondence between the project owner and CDFG and/or the CV RWQCB regarding the Wetland E Monitoring and Adaptive Management.	Correspondence	As needed	As-needed		As-Needed	NA	CCGS	

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S&W	SOIL & WATER-6g	CONS	Wetland Monitoring and Adaptive Management Plan for Mitigation Wetland E	Water quality samples shall be collected from the discharge point to Wetland E during the rainy season. Discharge samples shall be collected following the first three rainfall events of 0.5 inch or greater for each year of construction and the first five years of operation. In addition, water quality sampling and analysis shall be required for the first three rainfall events of 0.5 inch or greater following a reported release of hazardous materials at the site. If sample analysis results exceed RWQCB Benchmark values or US EPA Ambient Water Quality Criteria for Protection of Freshwater Aquatic Life during the first five years of operation or following a release of hazardous materials, water quality sampling and analysis shall continue until three contiguous years of water quality analyses meet the RWQCB Benchmark values and US EPA Water Quality Criteria. Sample analyses shall include tests for pH, Dissolved Oxygen, Total Suspended Solids, Specific Conductance, Oil & Grease, and metals (Arsenic, Chromium, Iron, Selenium, Lead, Mercury, etc.). If analysis results exceed RWQCB Benchmark values or US EPA Water Quality Criteria, contingency plans should be implemented to improve or augment the stormwater quality treatment Best Management Practices on site.	Water Sampling	As needed after discharge points are installed	Ongoing		Not Started	NA	CCGS	
S&W	SOIL & WATER-6h	OPS	Wetland Monitoring and Adaptive Management Plan for Mitigation Wetland E	Same as SOIL&WATER-6g.	Water Sampling	As needed	As-needed		As-Needed	NA	CCGS	
S&W	SOIL & WATER-7a	CONS	Wastewater discharge should be limited to a maximum of 200-gpm and comply with the Ironhouse Sanitary District's Wastewater Discharge Requirements.	No later than 90 days prior to operation, the project owner shall submit to the Ironhouse Sanitary District a copy of the Wastewater Discharge Sampling and Analysis Plan for review and comment	Wastewater Discharge Sampling and Analysis Plan	No later than 90 days prior to operation	TBD		Not Started	NA	CCGS	Pre-operation.
S&W	SOIL & WATER-7b	CONS	Wastewater Discharge Sampling and Analysis Plan	No later than 60 days prior to operation, the project owner shall submit the Wastewater Discharge Sampling and Analysis Plan with the Ironhouse Sanitary District's comments to the CPM for review and approval	Wastewater Discharge Sampling and Analysis Plan with comments	No later than 60 days prior to operation	TBD		Not Started	NA	CCGS	
S&W	SOIL & WATER-7c	OPS	Wastewater Discharge Sampling and Analysis Plan	The project owner shall provide information on the results of sample analysis results for wastewater discharge in the annual compliance report.	ACR	Annually	Ongoing		Not Started	NA	CCGS	
S&W	SOIL & WATER-7d	OPS	Wastewater Discharge Sampling and Analysis Plan	The project owner shall submit copies to the CPM of all correspondence between the project owner and Ironhouse Sanitation District DFG and/or the CV RWQCB regarding wastewater discharge	Correspondence	As needed	As-needed		As-Needed	NA	CCGS	
STRUC	STRUC-1a	CONS	Prior to the start of any increment of construction, submit plans, calculations and other supporting documentation, as described in this condition to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list.	At least 60 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list, submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final Design Plans, Specs & Calcs with Transmittal Letter	At least 60 days prior to the start of any increment of construction of listed component in the CBO-approved master drawing and specifications list	Ongoing		In-progress	NA	EPC	
STRUC	STRUC-1b	CONS	Prior to the start of any increment of construction, submit plans, calculations and other supporting documentation, as described in this condition to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list.	At least 60 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list, submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final Design Plans, Specs & Calcs with Transmittal Letter	At least 60 days prior to the start of any increment of construction of listed component in the CBO-approved master drawing and specifications list	Ongoing		In-progress	NA	EPC	
STRUC	STRUC-1c	CONS	Construction Plans	Submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	MCR	Monthly	Ongoing		In-progress	NA	EPC	1-time: In the following MCR.
STRUC	STRUC-2a	CONS	Submit to the CBO the required number of sets of the documents listed in this condition related to work that has undergone CBO design review and approval: Concrete cylinder strength test reports; Concrete pour sign-off sheets; Bolt torque inspection reports; Field weld inspection reports; and Reports covering other structural activities requiring special inspections.		See condition text for document list	On a schedule suitable to the CBO	Ongoing		In-progress	NA	EPC	
STRUC	STRUC-2b	CONS	Structural	If a discrepancy is discovered in the data listed in this condition, within five days, prepare and submit an NCR describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) and the applicable CBC chapter and section.	(If Needed)	Within 5 days of discovering a discrepancy	As-needed		As-Needed	NA	EPC	
STRUC	STRUC-2c	CONS	Structural	Within five days of resolution of the NCR, submit a copy of the corrective action to the CBO and the CPM.	(If Needed)	Within five days of resolution of the NCR	As-needed		As-Needed	NA	EPC	

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STRUC	STRUC-2d	CONS	Structural	The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	(If Needed)	Within 15 days of receiving approval or disapproval	As-needed		As-Needed	NA	EPC	
STRUC	STRUC-3a	CONS	Submit to the CBO design changes to the final plans required by the 2010 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, notify the CBO of the intended filing of design changes, and submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM.	(If Needed)	On a schedule suitable to the CBO	As-needed		As-Needed	NA	EPC	
STRUC	STRUC-3b	CONS	Structural	Notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	MCR	Monthly	As-needed		As-Needed	NA	EPC	1-time: In the following MCR.
STRUC	STRUC-4a	CONS	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2010 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the specified quantities of toxic or hazardous materials, submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, Specs & Calcs Engineer certification	At least 30 days prior to the start of installation of the tanks or vessels	TBD		Not Started	NA	EPC	
STRUC	STRUC-4b	CONS	Structural	Send copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	MCR	Monthly	Ongoing		In-progress	NA	EPC	1-time: In the following MCR.
TLSN	TLSN-1	CONS	Construct the proposed 230-kV transmission lines according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and PG&E's EMF-reduction guidelines.	At least 30 days before starting the construction of the transmission line or related structures and facilities, submit to the CPM a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in this condition.	Confirmation Letter	At least 30 days before starting the upgrade of the transmission line or related structures and facilities	TBD		Not Started	NA	CCGS	
TLSN	TLSN-2a	OPS	Use a qualified individual to measure the strengths of the electric and magnetic fields from each line as outlined in this condition. These measurements shall be completed not later than six months after the start of operations.	These measurements shall be completed not later than six months after the start of operations.	--	Within 6 months after the start of operations	TBD		Not Started	NA	PG&E	
TLSN	TLSN-2b	OPS	Electric/magnetic measurements.	File copies of the post-energization measurements with the CPM within 60 days after completion of the measurements.	Post-energization Measurements	Within 60 days of the post-energization measurements	TBD		Not Started	NA	PG&E	
TLSN	TLSN-3	OPS	The rights-of-way of the proposed transmission lines shall be kept free of combustible material as required under the provisions of section 4292 of the Public Resources Code and section 1250 of Title 14 of the California Code of Regulations.	During the first 5 years of plant operation, provide a summary of inspection results and any fire prevention activities carried out along the right-of-way of the line and provide such summaries in the Annual Compliance Report.	ACR	Annually during the first five years of plant operation	Ongoing		Not Started	NA	CCGS	
TLSN	TLSN-4	CONS	Ensure that all permanent metallic objects within the rights-of-way of the project-related line is grounded according to industry standards.	At least 30 days before the line is energized, transmit to the CPM a letter confirming compliance with this condition.	Confirmation Letter	At least 30 days before the lines are energized	TBD		Not Started	NA	PG&E	
TLSN	TLSN-5	OPS	Identify and correct any complaints of interference with radio or television signals from operation of the project-related line and associated switchyards. Maintain written records for a period of five years, of all complaints of radio or television interference attributable to line operation together with the corrective action taken in response to each complaint. This record shall be submitted in an Annual Report to the Compliance Project Manager on transmission line safety and nuisance-related requirements.	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the Annual Compliance Report.	ACR	Annually during the first five years of plant operation	Ongoing		Not Started	NA	CCGS	
TRANS	TRANS-1	PC	Consult with the city of Oakley and prepare and submit to the CPM for approval a Construction Traffic Control Plan and implementation program. The Construction Traffic Control Plan must be prepared in accordance with Caltrans Manual on Uniform Traffic Control Devices and the WATCH Manual and must comply with conditions.	At least 30 days prior to site mobilization, the project owner or contractor shall provide the Construction Traffic Control Plan to the CPM for review and approval.	Construction Traffic Control Plan	At least 30 days prior to site mobilization			Complete	NA	CH2	
TRANS	TRANS-2a	CONS	All temporary construction equipment over 200-feet in height shall have lighting and marking consistent with FAA Advisory circular 70/7460-1 K, Obstruction Marking and Lighting, 34 (Markers) for temporary construction equipment so not to create a hazard to air navigation.	Submit FAA Form 7460-2, Notice of Actual Construction or Alteration, to the FAA at least 10 days prior to start of construction.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 10 days prior to start of construction	TBD		Not Started	NA	EPC	Request change to 10 days prior to use of equipment over 200 feet instead of 10 days prior to start of construction.
TRANS	TRANS-2b	CONS	All temporary construction equipment over 200-feet in height shall have lighting and marking consistent with FAA Advisory circular 70/7460-1 K, Obstruction Marking and Lighting, 34 (Markers) for temporary construction equipment so not to create a hazard to air navigation.	Submit FAA Form 7460-2, Notice of Actual Construction or Alteration within 5 days after the construction reaches its greatest height (7460-2, Part II).	FAA Form 7460-2, Notice of Actual Construction or Alteration	Within 5 days after the construction reaches its greatest height	TBD		Not Started	NA	EPC	
TRANS	TRANS-3a	PC	Prior to the start of construction, submit a copy of the images for the roadway segments to the CPM, city of Oakley, Contra Costa County, and/or Caltrans. Also prior to start of construction, the project owner shall notify the city, Contra Costa County, and/or Caltrans about the schedule for project construction.	Prior to the start of site mobilization, photograph or videotape all affected public roads, easements, right-of-way segment(s), and/or intersections and provide the CPM, the affected local jurisdiction(s), and Caltrans with a copy of these images.	Photo/Video of pre-project road conditions	Prior to the start of construction			Complete	NA	EPC	

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TRANS	TRANS-3b	PC	Prior to start of construction, the project owner shall notify the city, Contra Costa County, and/or Caltrans about the schedule for project construction.	Purpose of this notification is to postpone any planned roadway resurfacing and/or improvement projects until after the project construction has taken place and to coordinate construction-related activities associated with other projects.	Notification Letter	Prior to the start of construction			Complete	NA	CCGS	
TRANS	TRANS-3c	CONS	Following completion of project construction, the project owner shall repair any damage to roadways affected by construction activity along with the primary roadways identified in the traffic control plan for construction traffic to the road's pre-project construction condition	Within 30 days after completion of the project, the project owner shall meet with the CPM and city of Oakley to determine and receive approval for the actions necessary and schedule to complete the repair of identified sections of public roadways to original or as near-original condition as possible.	Meeting	Within 30 days after completion of the project	TBD		Not Started	NA	CCGS	
TRANS	TRANS-3d	CONS	Repair damage to roadways.	Following completion of any regional road improvements, the project owner shall provide to the CPM a letter from Contra Costa County, Caltrans, or other relevant jurisdiction if work occurred within its jurisdictional public ROW stating its satisfaction with the road improvements	Letter from Contra Costa County, Caltrans	Following completion of any regional road improvements	TBD		Not Started	NA	CCGS	
TRANS	TRANS-4a	CONS	Comply with Caltrans, Contra Costa County, city of Oakley, and other relevant jurisdictions limitations on vehicle sizes, weights, roadway encroachment, and travel routes and obtain any permits required for these actions	In the Monthly Compliance Reports, the project owner shall indicate that all required permits were obtained and list the jurisdictions they were acquired from, or indicate if no permits were necessary, during that reporting period.	MCR	Monthly	Ongoing		In-progress	NA	EPC	
TRANS	TRANS-4b	OPS	Comply with Caltrans, Contra Costa County, city of Oakley, and other relevant jurisdictions limitations on vehicle sizes, weights, roadway encroachment, and travel routes and obtain any permits required for these actions	The project owner shall retain copies of all acquired permits and supporting documentation in its compliance file for at least six months after the start of commercial operation	Project Archive	As-needed	Ongoing		Not Started	NA	CCGS	
TRANS	TRANS-5	PC	Payment of Transportation Fees: Where applicable, pay Traffic Impact Fee and the Regional Transportation Development Impact Mitigation Fee to City of Oakley.	At least 30 days prior to the start of project construction, the project owner shall provide to the CPM proof of payment of the Traffic Impact Fee and the Regional Transportation Development Impact Mitigation Fee or any future alternative regional fee adopted by the City	Proof of payment	At least 30 days prior to the start of project construction			Complete	NA	CCGS	
TSE	TSE-1a	CONS	Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	Prior to the start of construction, submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	Prior to the start of construction	TBD		Not Started	NA	EPC/PG&E	
TSE	TSE-1b	CONS	Transmission Facility Design	Provide schedule updates in the monthly compliance report.	(If Needed)	Monthly	As-needed		As-Needed	NA	EPC/PG&E	
TSE	TSE-2a	CONS	Prior to the start of construction assign an electrical engineer and at least one of each of the engineers listed in this condition to the project. No segment of the project shall have more than one responsible engineer. The electrical engineer shall preform duties (1) and (2) listed in this condition. This engineer shall be authorized to halt earthwork and to require changes if site conditions are unsafe or do not conform with predicted conditions used as a basis for design of earthwork or foundations.	Prior to the start of rough grading, submit to the CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project. Notify the CPM of the CBO's approvals of the engineers within five days of the approval.	Name/Quals of Responsible Engineers	Prior to the start of rough grading	TBD		Not Started	NA	CCGS	
TSE	TSE-2b	CONS	If any one of the designated engineers is subsequently reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned engineer to the CBO for review and approval.	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval. Notify the CPM of the CBO's approvals of the engineers within five days of the approval.	(If Needed)	Within 5 days of replacing the engineer	As-needed		As-Needed	NA	PG&E	
TSE	TSE-3	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend corrective action. The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and shall reference this condition.	The project owner shall submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM within 15 days of receipt. If the corrective action is disapproved, advise the CPM, within five days, the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.	(If Needed)	Within 15 days of receiving the discrepancy	As-needed		As-Needed	NA	PG&E-Gen-tie EPC-Substation	
TSE	TSE-4a	CONS	For the power plant switchyard, outlet line and termination, do not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction. Request that the CBO inspect the installation. Activities (A) through (C) of this condition shall be reported in the MCR.	Prior to the start of each increment of construction, submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with the applicable LORS.	Final design, specs, & calcs / RE Statement	Multi-time: Prior to the start of each increment of construction	Ongoing		In-progress	NA	EPC/PG&E	
TSE	TSE-4b	CONS	Activities (A) through (C) of this condition shall be reported in the MCR.	Send the CPM a copy of the transmittal letter described in this condition in the next Monthly Compliance Report.	MCR	Monthly	Ongoing		In-progress	NA	EPC/PG&E	
TSE	TSE-5a	CONS	The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition.	Prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list	Prior to the start of construction of transmission facilities	TBD		Not Started	NA	CCGS	
TSE	TSE-5b	CONS	Once approved, the project owner shall inform the CPM and CBO of any anticipated changes to the design, and shall submit a detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change to the CPM and CBO for review and approval.	Prior to the construction of or start of modification of transmission facilities, inform the CBO and the CPM of any anticipated changes to the design that are different from the design previously submitted and approved and submit a detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change to the CPM and CBO for review and approval.	(If Needed)	Prior to the construction of or start of modification of transmission facilities	As-needed		As-Needed	NA	CCGS	

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TSE	TSE-6a	COMM	Provide the Notice to the California Independent System Operator (California ISO), as described in this condition, prior to synchronizing the facility with the California Transmission system. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization.	Provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid.	Cal ISO Letter	At least 1 week prior to initial synchronization with the grid	TBD		Not Started	NA	CCGS	
TSE	TSE-6b	COMM	At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	Contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Report of Conversation with Cal ISO	At least 1 business day prior to synchronizing the facility with the grid for testing	TBD		Not Started	NA	CCGS	
TSE	TSE-7a	CONS	The transmission facilities shall be inspected during and after project construction, and any subsequent CPM and CBO approved changes thereto.	Within 60 days after first synchronization of the project, transmit to the CPM and CBO items (A) through (C) of this condition.	As built Engineering descriptions / drawings / Summary of inspections	Within 60 days after first synchronization of the project	TBD		Not Started	NA	PG&E	
TSE	TSE-7b	CONS	In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken.	In case of non-conformance, inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken.	(If Needed)	Within 10 days of discovering non-conformance	As-needed		As-Needed	NA	CCGS	
VIS	VIS-1a	CONS	Surface Treatment of Project Structures and Buildings: Color and finish the surfaces of all project structures and buildings visible to the public. Transmission line conductors and insulators shall be non-specular and non-reflective. A surface treatment plan shall be submitted to the CPM for approval that includes measures (A) through (E) of this condition.	At least 90 days prior to applying vendor color(s) and finish(es) for structures or buildings to be surface treated during manufacture, submit the proposed treatment plan to the CPM.	Proposed Surface Treatment Plan	At least 90 days prior to applying vendor color(s) and finish(es) for structures or buildings			In-progress	NA	EPC	Plan submitted 3/24/11. This pre-construction item is still pending. Example color plates have been requested by the CPM once they are available.
VIS	VIS-1b	CONS	Surface Treatment of Project Structures and Buildings: The applicant shall not request vendor surface treatment of any buildings or structures during their manufacture, or perform final field treatment on any buildings or structures, until the applicant has received treatment plan approval by the CPM.	If the CPM determines that the plan requires revision, provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for approval.	(If Needed)	Before any treatment is applied	As-needed		As-Needed	NA	EPC	
VIS	VIS-1c	CONS	Surface Treatment of Project Structures and Buildings: The applicant shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection; and shall submit one set of electronic color photographs from KOPs 1 and 3 showing the "as built" surface treated structures and buildings.	Prior to the start of commercial operation, notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection; and submit one set of electronic color photographs from KOPs 1 and 3 showing the "as built" surface treated structures and buildings.	Notification of surface treatment completion and photographs from KOPs 1 & 3	Prior to the start of operations	TBD		Not Started	NA	EPC	
VIS	VIS-1d	OPS	Surface Treatment of Project Structures and Buildings: The surface treatment plan shall include a procedure to ensure proper treatment maintenance for the life of the project.	Provide a status report regarding surface treatment maintenance in the Annual Compliance Report. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) major maintenance activities that occurred during the reporting year; and c) the schedule of major maintenance activities for the next year.	ACR	Annually	Ongoing		Not Started	NA	CCGS	
VIS	VIS-2a	CONS	Submit to the CPM for review and approval and simultaneously to the City of Oakley and the local water purveyor for review and comment a Landscape Documentation Package which includes measures (a) through (d) of this condition.	The landscaping plan shall be submitted to the CPM for review and approval and simultaneously to the City of Oakley for review and comment at least 90 days prior to installation.	Landscaping Plan	At least 90 days prior to installation	TBD		Not Started	NA	EPC	
VIS	VIS-2b	CONS	Create landscape screening of sufficient density and height to screen the power plant structures to the greatest feasible extent within the shortest feasible time.	Planting must occur during the first optimal planting season following site mobilization.	Planting	First optimal planting season following site mobilization	TBD		Not Started	NA	EPC	Define optimal planting season.
VIS	VIS-2c	OPS	Provide timely replacement for aging or diseased tree specimens on site in order to avoid future loss of existing visual screening.	The project owner shall simultaneously notify the CPM and the City of Oakley within seven days after completing installation of the landscape plan, that the site is ready for inspection.	Landscape Installation Verification Report	Within seven days after completing installation	TBD		Not Started	NA	CCGS	
VIS	VIS-2d	OPS	Landscaping plan.	The project owner shall report landscape maintenance activities, including replacement of dead or dying vegetation, for the previous year of operation in each Annual Compliance Report.	ACR	Annually	Ongoing		Not Started	NA	CCGS	
VIS	VIS-3a	CONS	Construction Activity Lighting: To the extent feasible given safety and security concerns, lighting on the construction site and the construction laydown area shall minimize potential night lighting impacts, as outlined in (A) through (D) of this condition.	At least 90 days prior to ordering any permanent exterior lighting, the project owner shall contact the CPM to discuss the documentation required in the lighting mitigation plan.	Notification to CPM	At least 90 days prior to ordering	TBD		Not Started	NA	EPC	
VIS	VIS-3b	CONS	Construction Activity Lighting.	Within 7 days after the first use of construction lighting, notify the CPM that the lighting is ready for inspection.	Notification to CPM	Within 7 days after the first use of construction lighting			Complete	NA	EPC	CEC notified via email on 8/31/11.
VIS	VIS-3c	CONS	Construction Activity Lighting.	If the CPM notifies the applicant that modifications to the lighting are needed to minimize impacts, within 15 days of receiving that notification implement the necessary modifications and notify the CPM that the modifications have been completed.	(If Needed)	Within 15 days of receiving notification	As-needed		As-Needed	NA	EPC	
VIS	VIS-3d	CONS	Construction Activity Lighting: If the applicant receives a complaint about construction lighting, the applicant shall notify the CPM and shall use the complaint resolution form included in the General Conditions section of the Compliance Plan to record each lighting complaint and to document the resolution of that complaint. The applicant shall provide a copy of each complaint form to the CPM.	Within 48 hours of receiving a lighting complaint, provide to the CPM; a) a report of the complaint, b) a proposal to resolve the complaint, and c) a schedule for implementation of the proposal.	(If Needed)	Within 48 hours of receiving a lighting complaint	As-needed		As-Needed	NA	CCGS	

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VIS	VIS-3e	CONS	Construction Activity Lighting.	Notify the CPM within 48 hours after completing implementation of the proposal to resolve the lighting complaint.	(If Needed)	Within 48 hours of implementing the proposal to resolve a lighting complaint	As-needed		As-Needed	NA	CCGS	
VIS	VIS-3f	CONS	Construction Activity Lighting.	A copy of the complaint resolution form report shall be submitted to the CPM within 30 days of complaint resolution.	(If Needed)	Within 30 days of complaint resolution	As-needed		As-Needed	NA	CCGS	
VIS	VIS-3g	CONS	Permanent Exterior Lighting: To the extent feasible, consistent with safety and security considerations and commercial availability, design and install all permanent exterior lighting as described in measures (a) through (f) of this condition. Provide to the CPM a lighting management plan that includes at a minimum the elements described in this condition.	At least 90 days prior to ordering any permanent exterior lighting, the project owner shall contact the CPM to discuss the documentation required in the lighting mitigation plan.	Meeting with CPM	At least 90 days prior to ordering any permanent exterior lighting	TBD		Not Started	NA	CCGS	
VIS	VIS-3h	CONS	Permanent Exterior Lighting.	At least 60 days prior to ordering any permanent exterior lighting, the project owner shall submit to the CPM for review and approval and simultaneously to the City of Oakley for review and comment a lighting mitigation plan. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan.	Lighting Mitigation Plan	At least 60 days prior to ordering any permanent exterior lighting	TBD		Not Started	NA	EPC	
VIS	VIS-3i	CONS	Permanent Exterior Lighting.	Prior to commercial operation, the project owner shall notify the CPM that the lighting has been completed and is ready for inspection. If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection	(If Needed)	Within 30 days of receiving CPM's notification	As-needed		As-Needed	NA	EPC	
VIS	VIS-3j	CONS	Permanent Exterior Lighting.	Prior to commercial operation, notify the CPM that the lighting has been installed and is ready for inspection.	Notification to CPM	Prior to commercial operation	TBD		Not Started	NA	EPC	
VIS	VIS-3k	CONS	Permanent Exterior Lighting.	If after inspection the CPM notifies the applicant that modifications to the lighting are needed, within 30 days of receiving notification implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.	(If Needed)	Within 30 days of receiving notification	As-needed		As-Needed	NA	EPC	
VIS	VIS-3l	OPS	Permanent Exterior Lighting.	Notify the CPM within 10 days after completing implementation of the proposal.	(If Needed)	Within 10 days of implementing a proposal to resolve a lighting complaint	As-needed		As-Needed	NA	CCGS	
VIS	VIS-3m	OPS	Permanent Exterior Lighting: If the applicant receives a complaint about project lighting, the applicant shall notify the CPM and shall use the complaint resolution form included in the General Conditions section of the Compliance Plan to record each lighting complaint and to document the resolution of that complaint. The applicant shall provide a copy of each complaint form to the CPM.	Within 48 hours of receiving a lighting complaint, provide to the CPM; a) a report of the complaint, b) a proposal to resolve the complaint, and c) a schedule for implementation of the proposal.	(If Needed)	Within 48 hours of receiving a lighting complaint	As-needed		As-Needed	NA	CCGS	
VIS	VIS-3n	OPS	Permanent Exterior Lighting.	Notify the CPM within 48 hours after completing implementation of the proposal to resolve the lighting complaint.	(If Needed)	Within 48 hours of implementing the proposal to resolve a lighting complaint	As-needed		As-Needed	NA	CCGS	
VIS	VIS-3o	OPS	Permanent Exterior Lighting.	A copy of the complaint resolution form report shall be submitted to the CPM within 30 days of complaint resolution.	(If Needed)	Within 30 days of complaint resolution	As-needed		As-Needed	NA	CCGS	
WASTE	WASTE-1	CONS	Dispose of existing waste along the transmission line route within parcels where PG&E has the legal right to remove waste (including aboveground tanks, empty drums, and other equipment and materials) prior to initiation of construction of the transmission line for OGS. PG&E will ensure proper handling of waste from areas disturbed during the construction of the transmission line.	At least 60 days prior to the start of site mobilization to construct the transmission line, the project owner shall provide to the CPM a list of the types and amount of existing waste to be disposed of from the OGS transmission route.	Disposed wastes list, and the solid sampling and analysis report	At least 60 days prior to the start of site mobilization	TBD		Not Started	NA	CCGS	Item tied to the T-line schedule.
WASTE	WASTE-2	PC	Submit a Soils Management Plan (SMP) to the CPM for approval.	At least 60 days prior to any earthwork, including those earthwork activities associated with the site mobilization, ground disturbance, or grading as defined in the general conditions of certification the project owner shall submit the Soils Management Plan to the CPM for approval.	Soils Management Plan	At least 60 days prior to any earthwork			Complete	NA	CCGS	
WASTE	WASTE-3	PC	Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), excavation and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies. The Professional Engineer or Professional Geologist shall be given full authority by the project owner to oversee any earth moving activities that have the potential to disturb contaminated soil.	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and approval.	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization			Complete	NA	CH2	

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WASTE	WASTE-4a	CONS	If potentially contaminated soil is identified, the Professional Engineer or Geologist shall inspect the site, determine the need for sampling, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the recommended course of action.	Submit any final reports filed by the Professional Engineer or Professional Geologist to the CPM within 5 days of their receipt.	(If Needed)	Within 5 days of receiving any reports filed by the Professional Engineer or Geologist	As-needed		As-Needed	NA	CH2	
WASTE	WASTE-4b	CONS	The Professional Engineer or Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If, in the opinion of the Professional Engineer or Professional Geologist, significant remediation may be required, the project owner shall contact the CPM and representatives of the Department of Toxic Substances Control for guidance and possible oversight.	Notify the CPM within 24 hours of any orders issued to halt construction.	(If Needed)	Within 24 hours of any orders issued to halt construction	As-needed		As-Needed	NA	CH2	
WASTE	WASTE-5	PC	Prepare a Construction Waste Management Plan for all wastes generated during construction of the facility, and submit the plan to the CPM for review and approval. The plan shall contain, at a minimum, the elements listed in this condition.	Submit the Construction Waste Management Plan to the CPM for approval no less than 30 days prior to the initiation of construction activities at the site.	Construction Waste Management Plan	At least 30 days prior to start of construction			Complete	NA	CH2	
WASTE	WASTE-6a	PC	Submit a Construction and Demolition Debris Recycling (C&D debris) plan to the city of Oakley. Project mobilization and construction shall not proceed until the City issues an approval document and the CPM provides written concurrence.	At least 60 days prior to the start of any construction activities, the project owner shall submit the proposed C&D Debris Plan, along with any comments received from the city of Oakley, to the CPM for review and approval.	C&D Debris Plan and comments	At least 60 days prior to the start of any construction activities			Complete	NA	CH2	Debris Recovery Plan: Pre-Construction form submitted to the City of Oakley on 8/4/11. City of Oakley approved on 8/4/11.
WASTE	WASTE-6b	PC	C&D Debris Plan Fees.	Prior to the start of any construction activities, submit required deposit and administrative fees.	Payment / Proof of payment	Prior to the start of any construction activities			Complete	NA	CCGS	
WASTE	WASTE-6c	OPS	Submit compliance documentation to the City of Oakley and the CPM.	Not later than 60 days after completion of project construction, the project owner shall submit documentation of compliance with the diversion program requirements to the CPM and city. The required documentation shall include a Recycling and Reuse Summary Report, along with all necessary receipts and records of measurement from entities receiving project wastes.	Recycling and Reuse Summary Report and receipts/records from entities receiving project wastes	Not later than 60 days after completion of project construction	TBD		Not Started	NA	CCGS	
WASTE	WASTE-6d	PC	Submit a Construction and Demolition Debris Recycling (C&D debris) plan to the city of Antioch . Project mobilization and construction shall not proceed until the City issues an approval document and the CPM provides written concurrence.	At least 60 days prior to the start of any transmission line construction activities, submit the proposed Waste Management Plan, along with any comments received from the city of Antioch, to the CPM for review and approval. Project mobilization and construction shall not proceed until the city of Antioch issues an approval document, consistent with the city's normal building permit approval, and the CPM provides written concurrence.	C&D Debris Plan and comments	At least 60 days prior to start of T-line construction activities			Complete	NA	CH2	The City of Antioch has requested that all waste from the T-line be managed through the City of Oakley recycling plan.
WASTE	WASTE-6e	PC	C&D Debris Plan Fees.	Prior to the start of any transmission line construction activities within the city of Antioch limits, submit to the city of Antioch, documentation consistent with the requirements of the city's C & D Debris Program, along with the normally required deposit and administrative fees.	Payment / Proof of payment	Prior to the start of any T-line construction activities			Complete	NA	CCGS	The City of Antioch has requested that all waste from the T-line be managed through the City of Oakley recycling plan.
WASTE	WASTE-6f	OPS	Submit compliance documentation to the City of Antioch and the CPM.	Not later than 60 days after completion of project construction, submit documentation of compliance with the diversion program requirements to the CPM and city. The required documentation shall include a Waste Management Plan completed in accordance with the city's requirements.	Recycling and Reuse Summary Report and receipts/records from entities receiving project wastes	Not later than 60 days after completion of project construction	TBD		Not Started	NA	CCGS	See City of Oakley requirement (WASTE-6c).
WASTE	WASTE-7	CONS	Obtain a hazardous waste generator identification number from the USEPA prior to generating any hazardous waste during construction. Obtain a hazardous waste generator identification number prior to generating any hazardous waste during operations.	Keep a copy of the identification number on file at the project site and provide the number to the CPM in the next Monthly Compliance Report.	MCR	Monthly			Complete	NA	CCGS	USEPA Haz Waste Generator ID Number CAR000219410 issued on 6/14/11.
WASTE	WASTE-8	CONS	Upon becoming aware of any impending waste management-related enforcement action, notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.	(If Needed)	Within 10 days of becoming aware of an impending enforcement action	As-needed		As-Needed	NA	CCGS	
WASTE	WASTE-9a	CONS	Prepare an Operation Waste Management Plan for all wastes generated during operation of the facility, and shall submit the plan to the CPM for review and approval. The plan shall contain, at a minimum, the elements listed in this condition.	Submit the Operation Waste Management Plan to the CPM for approval no less than 30 days prior to the start of project operation. Submit any required revisions to the CPM within 20 days of notification from the CPM that revisions are necessary.	Operation Waste Management Plan	At least 30 days prior to the start of operation	TBD		Not Started	NA	CCGS	Pre-operation.
WASTE	WASTE-9b	CONS	Prepare an Operation Waste Management Plan for all wastes generated during operation of the facility, and shall submit the plan to the CPM for review and approval. The plan shall contain, at a minimum, the elements listed in this condition.	Submit any required revisions to the CPM within 20 days of notification from the CPM that revisions are necessary.	(If Needed)	Within 20 days of Notification	As-needed		As-Needed	NA	CCGS	Pre-operation.
WASTE	WASTE-9c	OPS	Operation Waste Management Plan.	Document in each Annual Compliance Report the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan; and update the Operation Waste Management Plan as necessary to address current waste generation and management practices.	ACR	Annually	Ongoing		Not Started	NA	CCGS	

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WASTE	WASTE-10	CONS	All spills or releases of hazardous substances, materials, or waste shall be reported, cleaned-up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements.	Document, as described in this condition all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors. Copies of the unauthorized spill documentation shall be provided to the CPM within 30 days of the date the release was discovered.	(If Needed)	Within 30 days of the date the release was discovered	As-needed		As-Needed	NA	EPC	
WORKER SAFETY	WORKER SAFETY-1	PC	Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition. The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the East Contra Costa Fire Protection District for review and comment prior to submittal to the CPM for approval.	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program. Provide a copy of a letter to the CPM of any comments received from the East Contra Costa Fire Protection District on the Construction Fire Prevention Plan and Emergency Action Plan.	Construction Health & Safety Program w/Fire Department Comments on EAP/FPP	At least 30 days prior to start of construction			Complete	NA	EPC	
WORKER SAFETY	WORKER SAFETY-2	CONS	Submit to the CPM the Project Operations and Maintenance Safety and Health Program containing the elements listed in this condition. The Operation Injury and Illness Prevention Plan, Emergency Action Plan, and Personal Protective Equipment Program shall be submitted to the CPM for review and comment concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan and the Emergency Action Plan shall also be submitted to the East Contra Costa Fire Protection District for review and comment.	At least 30 days prior to the start of first-fire or commissioning, submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program. Provide a copy of a letter to the CPM of any comments received from the East Contra Costa Fire Protection District on the Operations Fire Prevention Plan and Emergency Action Plan.	Operation Health & Safety Program w/Fire Department Comments on EAP/FPP	At least 30 days prior to the start of first-fire or commissioning	TBD		Not Started	NA	CCGS	
WORKER SAFETY	WORKER SAFETY-3a	PC	Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition. The CSS shall perform the duties listed in this condition.	At least 30 days prior to the start of construction, submit to the CPM the name and contact information for the CSS.	CSS Name/Contact	At least 30 calendar days prior to start of construction			Complete	NA	EPC	
WORKER SAFETY	WORKER SAFETY-3b	CONS	Construction Safety Supervisor (CSS).	The CSS shall submit in the Monthly Compliance Report a monthly safety inspection report to include the elements listed in this condition.	MCR	Monthly	Ongoing		In-progress	NA	EPC	
WORKER SAFETY	WORKER SAFETY-3c	CONS	Construction Safety Supervisor (CSS).	The contact information of any replacement CSS shall be submitted to the CPM within one business day.	If needed	within one business day of replacement	As-needed		As-Needed	NA	EPC	
WORKER SAFETY	WORKER SAFETY-4	PC	Make payments to the Chief Building Official (CBO) for the services of a Safety Monitor. Those services shall be in addition to other work performed by the CBO. The Safety Monitor shall be responsible for the duties listed in condition WORKER SAFETY-3.	Prior to the start of construction, provide proof of agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement w/CBO for Safety Monitor	Prior to construction			Complete	NA	CCGS	
WORKER SAFETY	WORKER SAFETY-5	PC	A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition. The training program shall be submitted to the CPM for review and approval.	At least 30 days prior to the start of construction, submit to the CPM proof that a portable AED exists on site and a copy of the training and maintenance program for review and approval.	Proof of AED and Training Program	At least 30 calendar days prior to start of construction			Complete	NA	EPC	
COMPLIANCE	COMPLIANCE-1	CONS	Unrestricted Access.	The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site.	Access	As-Requested	As-Requested		In-progress	NA	CCGS	
COMPLIANCE	COMPLIANCE-2	CONS	Compliance Record.	The project owner shall maintain project files on-site. Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Access	As-Requested	As-Requested		In-progress	NA	CCGS	
COMPLIANCE	COMPLIANCE-3	CONS	Compliance Verification Submittals.	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.	Verification Submittals	Monthly/Annually/As Received	Ongoing		In-progress	NA	CCGS	
COMPLIANCE	COMPLIANCE-4	PC	Pre-construction Matrix and Tasks Prior to Start of Construction.	Construction shall not commence until the all of the following activities/submittals have been completed: property owners living within one mile of the project have been notified of a telephone number to contact for questions, complaints or concerns; a pre-construction matrix has been submitted identifying only those conditions that must be fulfilled before the start of construction; all pre-construction conditions have been complied with; the CPM has issued a letter to the project owner authorizing construction.	Pre-construction Matrix	Prior to commencement of construction			Complete	NA	CCGS	OGS Project site Hotline established. Compliance matrix in-place. CEC notice of Start of Construction issued on 7/26/11.
COMPLIANCE	COMPLIANCE-5	CONS	Compliance Matrix.	The project owner shall submit a compliance matrix (in a spreadsheet format) with each monthly and annual compliance report which includes the status of all compliance conditions of certification.	Compliance Matrix	Monthly	Ongoing		In-progress	NA	CCGS	
COMPLIANCE	COMPLIANCE-6	CONS	Monthly Compliance Report including a Key Events List.	During construction, the project owner shall submit Monthly Compliance Reports (MCRs) which include specific information. The first MCR is due the month following the Energy Commission business meeting date on which the project was approved and shall include an initial list of dates for each of the events identified on the Key Events List.	Monthly Compliance Reports (MCRs)	Monthly	Ongoing		In-progress	NA	CCGS	
COMPLIANCE	COMPLIANCE-7	OPS	Annual Compliance Reports.	After construction ends and throughout the life of the project, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports.	Annual Compliance Reports	After completion of construction	Ongoing		Not Started	NA	CCGS	
COMPLIANCE	COMPLIANCE-8	CONS	Confidential Information.	Any information the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with a request for confidentiality.	Confidential Filings	As-Needed	As-needed		As-Needed	NA	CCGS	

Technical Area	Cond. No.	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of CBO/CPM Approval	Status	Amendment Date	Responsibility	Notes
COMPLIANCE	COMPLIANCE-9a	PC	Annual fees.	Payment of Annual Energy Facility Compliance Fee.	Initial Annual Compliance Fee	Initial payment due on date of Business Meeting when CEC accepts final decision			Complete	NA	CCGS	2010 fee paid 6/22/11. 2011 fee paid 7/18/11.
COMPLIANCE	COMPLIANCE-9b	OPS	Annual fees.	Payment of Annual Energy Facility Compliance Fee.	Annual Compliance Fee	Due annually on July 1	Ongoing		Not Started	NA	CCGS	
COMPLIANCE	COMPLIANCE-10	CONS	Reporting of Complaints, Notices and Citations.	Prior to the start of construction, the project owner must send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns. Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.	Telephone Number for Nearby Property Owners to Call / Notice, Complaint, and Citation Reports	Prior to commencement of construction / Within 10 days of receipt	Ongoing		In-progress	NA	CCGS	Residents within one mile of the power plant project site were notified. Residents along the T-line are required to be notified prior to the start of T-line construction.
COMPLIANCE	COMPLIANCE-11	OPS	Planned Facility Closure.	The project owner shall submit a closure plan to the CPM at least 12 months prior to commencement of a planned closure.	Closure Plan	At least 12 months prior to commencement of planned closure	TBD		Not Started	NA	CCGS	
COMPLIANCE	COMPLIANCE-12	CONS	Unplanned Temporary Facility Closure.	To ensure that public health and safety and the environment are protected in the event of an unplanned temporary closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation.	On-site Contingency Plan	No less than 60 days prior to commencement of commercial operation	TBD		Not Started	NA	CCGS	
COMPLIANCE	COMPLIANCE-13	CONS	Unplanned Permanent Facility Closure.	To ensure that public health and safety and the environment are protected in the event of an unplanned permanent closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation. In the event of an unplanned permanent closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail within 24 hours and shall take all necessary steps to implement the on-site contingency plan. A closure plan, consistent with the requirements for a planned closure, shall be developed and submitted to the CPM within 90 days of the permanent closure or another period of time agreed to by the CPM.	On-site Contingency Plan / Closure Plan	No less than 60 days prior to commencement of commercial operation / Within 90 days of permanent closure / 24-hour notice	TBD		Not Started	NA	CCGS	
COMPLIANCE	COMPLIANCE-14	CONS	Post-Certification Changes to the Decision.	The project owner must petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	Post Certification Modifications	As-Needed	As-needed		As-Needed	NA	CCGS	

Oakley Generating Station Compliance Matrix Legend

Acronym and Abbreviation List

ACR	Annual Compliance Report
ANSI	American National Standards Institute
API	American Petroleum Institute
AQ	Air Quality
AQCMM	Air Quality Construction Mitigation Manager
AQCMP	Air Quality Construction Mitigation Plan
AQ-SC	Air Quality-Standard Construction
ASME	American Society of Mechanical Engineers
BAAQMD	Bay Area Air Quality Management District
BIO	Biological Resources
BMP	Best Management Practice
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
CalARP	California Accidental Release Program
Cal ISO	California Independent System Operator
Cal-OSHA	California Division of Occupational Safety and Health
CBO	Chief Building Officer (Contra Costa County)
CCCHSD-HCP	Contra Costa County Health Services Department – Hazardous Materials Program
CDFG	California Department of Fish & Game
CEC	California Energy Commission
CFR	Code of Federal Regulations
CHRIS	California State Historical Resources Commission
COMM	Commissioning
CONS	Construction

CPM	Compliance Project Manager
CPUC	California Public Utilities Commission
CRMMP	Cultural Resources Monitoring and Mitigation Plan
CRR	Cultural Resources Report
CRS	Cultural Resources Specialist
CUL	Cultural Resources
CV RWQCB	Central Valley Regional Water Quality Control Board
DESCP	Drainage, Erosion, and Sedimentation Control Plan
DOT	Department of Transportation
ECCFPD	East Contra Costa Fire Protection District
ELEC	Electrical
ERC's	emission reduction credits
FAA	Federal Aeronautics Administration
HAZ	Hazardous Materials
HVAC	Heating, Ventilation and Air Conditioning
HMBP	Hazardous Materials Business Plan
LORS	Law, Ordinances, Regulations and Standards
MCR	Monthly Compliance Report
ME	Mechanical Engineer
MECH	Mechanical
NPDES	National Pollutant Discharge Elimination System
NTSB	National Transportation Safety Board
OGS	Oakley Generating Station
OPS	Operations
PC	Pre-construction

PRMMP	Paleontological Resources Monitoring and Mitigation Plan
PRR	Paleontological Resources Report
RE	Resident Engineer
RMP	Risk Management Plan
RWQCB	Regional Water Quality Control Board
SOCIO	Socioeconomic Resources
S&W	Soil & Water
SPCCP	Spill Prevention, Control, and Countermeasure Plan
STRUC	Structural
SWCP	Storm Water Control Plan
SWPPP	Storm Water Pollution Prevention Plan
TBD	To be determined
USDOT	United States Department of Transportation
USEPA	Unites State Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
WATCH	Work Area Traffic Control Handbook
WEAP	Worker Environmental Awareness Program

Legend

Completed Items (gray)

Active or Future Items (white)