

GRENIER & ASSOCIATES, INC.

ENVIRONMENTAL PLANNING • LICENSING & PERMITTING • REGULATORY COMPLIANCE

December 19, 2011

Compliance Log #2011-027

Ms. Christine Stora
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814

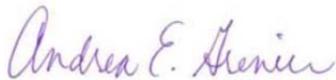
Subject: Lodi Energy Center (08-AFC-10C)
Condition of Certification COM-6
Monthly Compliance Report #16

Dear Ms. Stora:

In compliance with Condition of Certification COM-6 as set forth in the California Energy Commission's Final Decision for the Lodi Energy Center Project, enclosed please find one hard copy and one electronic version of the project's sixteenth Monthly Compliance Report for the period ending November 30, 2011.

If you have any questions regarding this submittal, please contact me at (916) 780-1171.

Sincerely,



Andrea Grenier
Environmental Compliance Manager
for the Lodi Energy Center Project

cc: Mike DeBortoli, NCPA



Lodi Energy Center Project



November 2011
Reporting Period

Monthly Compliance Report #16

This document has been prepared by Grenier & Associates, Inc. on behalf of the Northern California Power Agency and represents the sixteenth monthly compliance report for the Lodi Energy Center Project. The information contained in this report covers construction, commissioning, and environmental compliance activities performed during November 2011.

Lodi Energy Center Project

Docket 08-AFC-10C

November 2011
Reporting Period

Monthly Compliance Report #16

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MONTHLY COMPLIANCE REPORT #16

ONE | INTRODUCTION

On April 21, 2010, the California Energy Commission (CEC) issued a license to the Northern California Power Agency (NCPA) for the construction and operation of the Lodi Energy Center Project. The CEC Compliance Project Manager (CPM) issued an Authority to Construct letter to NCPA on July 14, 2010, allowing the start of construction activities for all power plant and related linear facilities.

This document constitutes NCPA's sixteenth Monthly Compliance Report (MCR) for the Lodi Energy Center Project, as required by Condition of Certification COM-6 in the CEC Final Decision for the Project. The information in this report documents the construction, commissioning, and environmental compliance activities that were performed during November 2011.

TWO | OVERALL PROJECT STATUS

NCPA has contracted with several companies to provide the engineering, procurement, and construction services needed to build the Lodi Energy Center Project. WorleyParsons (WP) is performing as NCPA's owners engineer and construction manager, providing engineering, procurement, and design services and overseeing the construction of the project. Siemens is providing the power island equipment, which includes the combustion turbine generator and associated equipment. ARB, Inc. (ARB) is the construction contractor for the power plant and transmission interconnection facilities. Pacific Gas and Electric Company (PG&E) will design, build, and operate the natural gas pipeline associated with the project.

As of the end of November 2011, the project was 81.8 percent complete overall. The following table presents the percent complete numbers for the engineering, procurement, and construction activities as of the end of the month.

Activity	% Complete
Engineering	99.9
Procurement	100.0
Construction	70.3

During November, CTG erection continued with the trimming out of the CTG and CT Enclosures, installing CT piping systems, and erecting the inlet air filterhouse. The CTG was mechanically completed in September. Pulling of cable from the Siemens Electrical Package to field devices has continued and is nearly complete. The STG erection continued and all major components are assembled, preliminary alignment is complete. Piping erection inside the enclosure continued.

ARB completed the HRSG hydro test on November 18. The STG Area pipe rack was completed and pipe is being erected. The last of the shop-fabricated HR pipe was delivered on November 17. The Contractor installed the high-voltage conductors and OPGW from the switchyard to the CTG GSU Transformer and set the sections of CTG isophase required for backfeed. ARB/Cupertino completed pulling cable required for booting up the DCS, and the DCS was powered up. The mezzanine floor of the water treatment building was completed in November, allowing the setting of mechanical equipment to start, and setting of electrical switchgear on the mezzanine floor. ARB's subcontractor, Paso Robles, continued with the exterior trim and painting of the waste water injection tank, the demin tank, and the service water tank.

Weekly coordination calls were held during the reporting period between NCPA, WP, and ARB. A project summary schedule is included in Exhibit 1 of this report. An updated key events list is included in Exhibit 2. The anticipated commercial operation date for the LEC has moved out by approximately 30 days to July 2012.

An aerial view of the project site taken in November is shown in Figure 1. Additional construction photos taken during the reporting period are provided in Exhibits 3 and 8.



FIGURE 1: AERIAL VIEW OF LEC PROJECT SITE – November 2011

THREE | CONSTRUCTION AND COMMISSIONING ACTIVITIES

This section of the MCR focuses on the construction and commissioning activities that were accomplished during the reporting period.

Construction

The following major construction activities were accomplished at the LEC project site during November:

General Activities

- Continued procurement, field fabrication of aboveground piping
- Continued installation of street lighting foundations, conduit, grounding
- Continued installation of instrumentation at CTG and HRSG areas
- Commenced installation of miscellaneous pipe support foundations

STG Activities

- Continued installation of steam turbine package
- Continued receipt and installation of miscellaneous ST pumps and tanks
- Completed Condenser Hydro
- Completed miscellaneous iron inside STG building
- Completed installation of interior isophase steel
- Continued installation of STG interconnecting piping
- Continued installation of LB AG pipe and supports at STG pipe rack
- Commenced installation of cable tray at STG pipe rack
- Continued installation of STG lube oil piping
- Commenced installation of leak off steam piping

HRSG Activities

- Completed HRSG hydrotesting
- Commenced insulation of HRSG stack
- Commenced painting
- Continued installation of cable and conduit at HRSG pipe rack

West Area Activities

- Continued pipe above boiler feed water pumps
- Commenced installation of Auxiliary Boiler interconnecting piping and supports
- Commenced tie-in of Auxiliary steam piping to Aux boiler
- Continued installation of closed cooling and circ water piping at and above heat exchangers and closed cooling pumps
- Commenced installation of boiler blowdown piping at boiler blowdown tank
- Completed installation of HRSG/SCR CEMs cabinet and aux boiler foundations
- Set 2nd Air Compressor

Cooling Tower Area

- Continued platform steel
- Completed large bore piping for circ water
- Commenced installation of circ water and aux pump electrical
- Continued installation of condensate pumps and piping
- Commenced installation of condensate polishing system

CTG Area Activities

- Continued installation of CTG instrumentation
- Continued CTG electrical
- Completed filter house
- Completed preparatory work to install filters

Water Treatment Building Activities

- Continued Water Treatment Building foundations:
 - Containment walls at acid drop off area
 - Solids holding tank foundation
- Completed housekeeping pads and curbs at second floor
- Completed installation of WTB mezzanine deck
- Continued rough set of WTB equipment at 2nd floor
- Continued installation of WTB aboveground vendor supplied piping
- Continued WTB electrical
- Continued installation of Clarifiers and Reactors tanks, platforms and equipment
- Commenced installation of electrical cable tray supports at the west water treatment building

North Area Activities

- Continued installation of ISO Phase bust duct, cable, electrical and weld splices at CT equipment
- Commenced with setting of raw water system at White Slough

East Area Activities

- Completed installation of fuel gas compressor foundations
- Completed fuel gas scrubber foundation
- Completed installation for ST Circuit Breaker and ISO phase foundations
- Completed trim out of ST GSU
- Commenced setting fuel gas related equipment (fuel gas heaters, compressors, etc.)

Key construction activities ***planned for December 2011*** are described below:

General Activities

- Continue procurement, field fabrication of aboveground piping
- Continue installation of street lighting foundations, conduit

- Complete installation of grounding for backfeed
- Continue installation of instrumentation at CTG and HRSG areas
- Continue miscellaneous pipe support foundations

STG Activities

- Continue installation of steam turbine package
- Continue receipt and installation of miscellaneous ST pumps and tanks
- Commence installation of exterior ISO phase steel
- Continue installation of STG interconnecting piping
- Continue installation of LB AG pipe and supports at STG pipe rack
- Complete installation of STG housekeeping pad/lube oil curb
- Continue installation of cable tray at STG pipe rack
- Erect STG enclosure roof

HRSG Activities

- Continue insulation of HRSG stack
- Continue painting
- Commence installation of CEMS and hookup
- Complete installation of cable and conduit at HRSG pipe rack
- Continue with cable terminations

West Area Activities

- Continued pipe above boiler feed water pumps
- Continue installation of aux boiler interconnecting piping and supports
- Continue tie-in of Auxiliary steam piping to aux boiler
- Continue installation of closed cooling and circ water piping at and above heat exchangers and closed cooling pumps
- Continue setting of remaining aux boiler tanks and associated structural steel
- Continue installation of boiler blowdown piping at boiler blowdown tank

Cooling Tower Area

- Complete platform steel
- Continue circ and aux water pump electrical
- Continue installation of condensate pumps and piping
- Commence installation of cooling tower chem feed foundation
- Commence Cooling tower electrical

CTG Area Activities

- Continue CTG electrical and instrumentation

Water Treatment Building Activities

- Complete Water Treatment Building foundations

- Complete WTB masonry at 2nd floor
- Complete rough set of WTB equipment at 2nd floor
- Commence rough set of WTB equipment exterior (west of WTB)
- Continue installation of WTB AG vendor supplied piping
- Continue WTB electrical
- Continue installation of Clarifiers and Reactors tanks, platforms and equipment
- Complete installation of remaining WTB roof over filter press area/remaining skin
- Continue installation of WTB area equipment(north and south of WTB)

North Area Activities

- Complete installation of ISO Phase bust duct, cable, electrical and weld splices at CT equipment
- Complete raw water pumps and piping
- Continue raw water piping electrical

East Area Activities

- Continue setting Fuel Gas related equipment (fuel gas scrubber, pressure reducing valve) and piping
- Commence installation of boiler chem feed foundation

Commissioning

The following commissioning activities were accomplished at the LEC project site during November:

- Construction Turnover of (5) Systems (including Partial Systems)
- Alternative Power Supply; DC Voltage Supply; Plant Control System; High Voltage 13.8KV; Switchyard Modifications
- Successful Energization of 12kV Alternate Power – Ready for System Turnover to Operations
- Successful Energization of Battery; DC Power System – Preliminary Functional Testing Completed; STG,
- BOP and CT Battery systems – Pending load test
- Electrical Component Testing of HVSWY& HV Systems – 60% Complete thru November
- Energization of PCS / Software Installed – In process, additional Siemens DCS support mobilizing to
- install additional software modules
- Backfeed Procedure developed for CT GSU and UAT-1
- PG&E “G5” Interconnection plan developed, submitted, approval on CT, STG and Line relay settings,
- Test Reports to be submitted as completed
- Established PG&E requirements and Interconnection Team established
- Develop Substation Energization Test Program for NCPA to support Outage
- Begin backfeed outage

Key commissioning activities ***planned for December 2011*** are described below:

- Completion electrical testing of high voltage systems
- Plant backfeed
- Perform electrical functional testing with PG&E

- Station re-energization
- Sew up Ring Bus
- Run STIG Plant to Verify CTS
- Backfeed CT GSU
- Construction Turnover of Systems

FOUR | COMPLIANCE ACTIVITIES

This section of the monthly compliance report provides input on NCPA's activities related to ensuring that compliance with all the Conditions of Certification as set forth in the CEC's Final Decision for the Lodi Energy Center Project is achieved in a timely and satisfactory manner. The following information is provided per the requirements set forth in Condition of Certification COM-6.

Compliance Matrix

The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates of any approvals by the CBO, CEC CPM, or delegate agency.

Completed Compliance Activities

The following table lists the compliance submittals that were provided to the CEC CPM during November:

Log #	Date Submitted	Condition	Subject
2011-021	11/1/11	BIO-6	Updated BRMIMP
2011-022	11/16/11	HAZ-6	Commissioning & Ops Security Plan
2011-023	11/20/11	TLSN-5	Inspection of Permanent Metallic Objects
2011-024	11/29/11	BIO-6	Updated BRMIMP
2011-025	11/29/11	AQ-70, AQ-71, AQ-72, AQ-73 AQ-75, AQ-76, AQ-77, AQ-78	ERC Submittal Package

Required Documents Submitted With This Report

The Final Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in this MCR. The following paragraphs describe the compliance activities that were completed during the November 2011 reporting period:

AQ-70 et al: NCPA submitted a copy of its surrendered ERC certificates as required by various Air Quality Conditions of Certification. A copy of the package was also provided to the San Joaquin Air Quality Management District.

AQ-SC1: The Air Quality Construction Mitigation Manager (AQCM) for the project is responsible for directing and documenting compliance with AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction. Additional AQCM delegates will be assigned as needed to cover situations when there are multiple tasks occurring simultaneously that require oversight, extended hours of construction, or when the AQCM is unavailable. The AQCM's daily monitoring log is available on site for the CPM's inspection.

AQ-SC2: Construction mitigation measures as set forth in Conditions AQ-SC3, AQ-SC4, and AQ-SC5 as well as in the LEC Air Quality Construction Mitigation Plan were complied with during the reporting period. The AQCM's monthly report is included in Exhibit 7.

AQ-SC3: Approximately 64,000 gallons of construction water from the White Slough Water Pollution Control Facility were used for dust control purposes. Work activities requiring dust control are more completely described in the AQCM's monthly report included in Exhibit 7.

AQ-SC4: Dust plume control measures were implemented as necessary and information on their use (if required) is included in the AQCM's monthly report included in Exhibit 7.

AQ-SC5: A summary of the diesel engine certification information required by this condition is included as part of the AQCM's monthly report included in Exhibit 7, along with diesel fuel purchase information. As noted in the report, one of the construction contractors, Paso Robles Tank, undertook a good faith effort but was unable to locate a rental company with Tier 3 equipment. They obtained letters from Ahern Rentals and Sunbelt Rental Company stating that they did not have any Tier 3 compliant equipment available at this time. Copies of their e-mails are included in the AQCM's report.

BIO-2: Rick Crowe is the Designated Biologist for the LEC Project. His monthly Biological Resources Mitigation Implementation and Monitoring Report, which provides a summary of the November 2011 construction activities and associated biological monitoring, is included in Exhibit 8. In addition, Exhibit 8 includes documentation of PG&E's SWPPP activities associated with construction of the gas pipeline, as submitted to the Designated Biologist.

BIO-5: In accordance with this condition, 29 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,237. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 9.

BIO-6: This condition requires that the Designated Biologist/Biological Monitor's provide monthly documentation on how the biological mitigation measures included in the BRMIMP have been implemented during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 8). An updated BRMIMP will be submitted in early November to reflect modifications to the gas pipeline as approved by the CEC on September 29, 2011.

BIO-7: This condition requires that the Designated Biologist/Biological Monitor's provide monthly documentation on how the impact avoidance and minimization measures have been implemented during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 8).

BIO-8: This condition requires that the Designated Biologist/Biological Monitor's provide monthly documentation on how measures to minimize or avoid harassment or harm to sensitive species have been implemented during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 8).

BIO-9: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of giant garter snake mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

BIO-10: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of burrowing owl mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

BIO-11: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of Swainson's hawk mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

BIO-12: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of migratory bird mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

BIO-13: This condition requires that the Designated Biologist/Biological Monitor's monthly report include a discussion of implementation of northwestern and western pond turtle mitigation and avoidance measures. This information is included in the DB's monthly report (see Exhibit 8).

CIVIL 1-4: Copies of relevant CBO approval letters are provided in Exhibit 4.

COM-5: The updated compliance matrix is provided in Exhibit 6.

CUL-5: In accordance with this condition, 29 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,237. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 9.

CUL-6: The Cultural Resources Specialist's monthly summary report is included in Exhibit 8.

GEN-2: To reduce the size of this MCR, the updated master drawing and spec list is available for viewing by accessing the LEC Project webpage that has been set up by the CBO.

GEN-3: Information regarding the payment amount made to the CBO in November was unavailable at the time this report was prepared. It will be provided in the next MCR.

GEN-6: Information related to the approval of any special inspectors and fabricators during the reporting period is included in Exhibit 4.

HAZ-1: On November 29, NCPA provided information requested by the CPM regarding the temporary use of a 500 gallon diesel fuel storage tank that is currently on site. The daily fuel tanker truck that is dispatched to the LEC to refuel equipment cannot satisfy this incremental additional need of the painting contractor, so a temporary diesel storage tank has been placed at the STIG to meet this need. The LEC Final Decision does not limit the amount of diesel on site to 55 gallons during the construction phase (that restriction applies to the operating phase of the project, as set forth in HAZ-1, Attachment A.) The diesel storage tank will be removed

once Paso Robles completes its work activities. NCPA notified the local CUPA on November 17 of the additional diesel stored on site, in compliance with the STIG's Hazardous Materials Business Plan.

MECH-1: Information related to inspection approvals of any major piping or plumbing mechanical systems is provided in Exhibit 4.

MECH-2: Information related to the inspection approvals of any HVAC and pressure vessel systems is provided in Exhibit 4.

PAL-4: In accordance with this condition, 29 personnel received the Construction Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 1,237. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 9.

PAL-5: The Paleontological Resource Specialist's monthly report is included in Exhibit 8.

S&W-2: Information related to the implementation of construction SWPPP activities is included in the Air Quality Construction Mitigation Manager's Monthly Report provided in Exhibit 7.

S&W-7: San Joaquin County issued Well Construction Permit No. 425149 on 7/31/12. A copy of the permit is included in Exhibit 11. Staff approved start of construction of the well on November 14, 2011.

STRUC-1: Copies of relevant CBO approval letters are provided in Exhibit 4.

STRUC-2: A log of the Non-Compliance Reports is provided in Exhibit 12.

STRUC-4: Information related to the CBO's approval of any structural inspections is provided in Exhibit 4.

TSE-1: WorleyParsons initial submittal of the master drawing and spec list of the transmission system was approved by the CBO on August 5, 2010. To reduce the size of this MCR, the updated list is available for viewing by accessing the LEC Project webpage that has been set up by the CBO.

TSE-4: This condition requires information related to the following topics: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted. All electrical equipment has been received and testing is underway. Energization of the equipment is expected to occur by year end.

TLSN-3: Pre-energization EMF surveys will be conducted prior to the end of the year and the required report shall be submitted to the CPM.

VIS-1: No construction-related lighting complaints were received during the reporting period.

VIS-4: Installation of exterior lighting continues. A request for an onsite inspection by the CEC CPM will be requested once the work is completed.

Worker Safety-3: NCPA's Construction Safety Supervisor's monthly safety report is included in Exhibit 10.

Worker Safety-4: The CBO Safety Monitor's monthly report is included in Exhibit 10.

Submittal Deadlines Not Met

None

Approved Changes to Conditions of Certification

NCPA filed a petition in July 19, 2011 with the CEC CPM requesting changes to the project's gas line route. A Notice of Determination was filed on August 30, 2011 and re-circulated on September 15, 2011. The CEC issued an approval letter to NCPA on September 29, 2011. PG&E began constructing the gas line in October.

Filings or Permits Issued by Other Governmental Agencies

Copies of FAA's Determinations of No Hazard for PG&E's gas pipeline construction work are included in Exhibit 11.

Projected Compliance Activities for December 2011/January 2012

NCPA will continue to report progress on the compliance activities noted above. In addition, the following compliance documents will continue to be monitored with the CEC or submitted during December/January:

- S&W-6: Engineers Report and Cross Connection Inspection
- TLSN-3: Pre-Energization EMF Survey Report

Listing of Additions to Onsite Compliance Files During the Reporting Period

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

Requests to Dispose of Items Required To Be In Compliance Files

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

Exhibit 1

Project Summary Schedule

Activity ID	Activity Name	Original Duration	Activity % Complete	Total Float	Start	Finish	BL1 Start	BL1 Finish	2011												2012											
									Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Lodi Construction Level 1 - Contractor RFQ#2		521		-28	01-Jul-10 A	11-Jul-12	01-Jul-10	01-Jun-12																								
CONSTRUCTION MILESTONES		518		-28	01-Jul-10 A	11-Jul-12	01-Jul-10	01-Jun-12																								
MIL100	AWARD CONSTRUCTION CONTRACT	0	100%		01-Jul-10 A		01-Jul-10		CONSTRUCTION CONTRACT																							
MIL120	SITE CLEARING AND ROUGH GRADING	0	100%			15-Sep-10 A		14-Sep-10	SITE CLEARING AND ROUGH GRADING																							
MIL110	COMPLETE MOBILIZATION OF GENERAL CONSTRUCTION ...	0	100%			01-Oct-10 A		29-Jul-10	COMPLETE MOBILIZATION OF GENERAL CONSTRUCTION CONTRACTOR																							
MIL320	SWPP FACILITIES IN PLACE NLT 11/15/2010	0	100%			15-Nov-10 A		14-Sep-10	◆ SWPP FACILITIES IN PLACE NLT 11/15/2010																							
MIL130	DEMO & RELOCATE EXISTING CTWR, GAS CMPSR, 12KV L...	5	100%		03-Jan-11 A	22-Apr-11 A	20-Jan-11	20-Jan-11																								
MIL170	COMPLETE CTG INSTALLATION	0	100%			24-May-11 A		06-Jul-11	◆ COMPLETE CTG INSTALLATION																							
MIL125	MOBILIZE FIELD-ERECTED TANKS CONTRACTOR	0	100%		11-Jul-11 A		11-Jul-11		◆ MOBILIZE FIELD-ERECTED TANKS CONTRACTOR																							
MIL115	MOBILIZE COOLING TOWER ERECTOR	0	100%		26-Sep-11 A		01-Mar-11		◆ MOBILIZE COOLING TOWER ERECTOR																							
MIL140	COMPLETE UG PIPING & DUCTBANKS	0	100%			27-Sep-11 A		31-Mar-11	◆ COMPLETE UG PIPING & DUCTBANKS																							
MIL220	COMMENCE PLANT EQUIPMENT COMMISSIONING	0	100%		14-Oct-11 A		15-Nov-11		◆ COMMENCE PLANT EQUIPMENT COMMISSIONING																							
MIL190	HYDROTEST & COMPLETE HRSG INSTALLATION	0	100%			02-Nov-11 A		20-Jan-12	◆ HYDROTEST & COMPLETE HRSG INSTALLATION																							
MIL200	COMPLETE SWITCHYARD MODIFICATIONS	0	0%	-73		05-Dec-11*		26-Apr-11	▲ COMPLETE SWITCHYARD MODIFICATIONS																							
MIL150	COMPLETE FOUNDATIONS	0	0%	117		19-Dec-11		28-Apr-11	◆ COMPLETE FOUNDATIONS																							
MIL160	COMPLETE INSTALL OF PIPERACK STEEL	0	0%	63		27-Dec-11		24-Jun-11	◆ COMPLETE INSTALL OF PIPERACK STEEL																							
MIL230	COMPLETE COOLING TOWER ERECTION	0	0%	105		06-Jan-12		20-Sep-11	◆ COMPLETE COOLING TOWER ERECTION																							
MIL250	COMPLETE INSTALLATION OF WATER TREATMENT SYSTEM	0	0%	-6		09-Jan-12		27-Oct-11	◆ COMPLETE INSTALLATION OF WATER TREATMENT SYSTEM																							
MIL210	PLANT ELECTRICAL BACKFEED	0	0%	-75		18-Jan-12*		03-Oct-11	▲ PLANT ELECTRICAL BACKFEED																							
MIL180	COMPLETE ERECTION OF WATER TREATMENT BUILDING	0	0%	-32		14-Feb-12		30-Sep-11	◆ COMPLETE ERECTION OF WATER TREATMENT BUILDING																							
MIL260	COMPLETE STG INSTALLATION INCLD ENCLOSURE	0	0%	4		19-Mar-12		24-Feb-12	◆ COMPLETE STG INSTALLATION INCLD ENCLOSURE																							
MIL240	COMPLETE AG PIPING INSTALLATION	0	0%	18		07-May-12		24-Feb-12	◆ COMPLETE AG PIPING INSTALLATION																							
MIL270	COMPLETE ELECTRICAL CABLING	0	0%	-41		21-May-12		10-Feb-12	◆ COMPLETE ELECTRICAL CABLING																							
MIL280	CTG FIRST FIRE	0	0%	-41		21-May-12*		23-Mar-12	▲ CTG FIRST FIRE																							
MIL290	COMPLETE STEAM BLOWS	0	0%	-17		25-Jun-12		27-Apr-12	◆ COMPLETE STEAM BLOWS																							
MIL300	COMPLETE PERFORMANCE TESTING	0	0%	-27		09-Jul-12		25-May-12	◆ COMPLETE PERFORMANCE TESTING																							
MIL330	SUBSTANTIAL COMPLETION	0	0%	-39		09-Jul-12*		01-Jun-12	▲ SUBSTANTIAL COMPLETION																							
MIL310	PLANT COMMERCIAL OPERATION	0	0%	-28		11-Jul-12*		01-Jun-12	▲ PLANT COMMERCIAL OPERATION																							
EQUIPMENT DELIVERIES		257			27-Oct-10 A	22-Nov-11 A	15-Nov-10	01-Nov-11																								
DEL161	RECEIVE HRSG CASING	5	100%		27-Oct-10 A	29-Nov-10 A	15-Dec-10	15-Dec-10	◆ RECEIVE HRSG CASING																							
DEL162	RECEIVE HRSG STACK	0	100%			30-Nov-10 A		30-Nov-10	◆ RECEIVE HRSG STACK																							
DEL115	DELIVER OIL/WATER SEPARATOR	0	100%			24-Jan-11 A		15-Nov-10	◆ DELIVER OIL/WATER SEPARATOR																							
DEL163	DELIVER HRSG MODULES	38	100%		25-Jan-11 A	10-Feb-11 A	08-Feb-11	31-Mar-11	◆ DELIVER HRSG MODULES																							
DEL160	COMPLETE HRSG DELIVERY	0	100%			10-Feb-11 A		22-Apr-11	◆ COMPLETE HRSG DELIVERY																							
DEL145	RECEIVE SWYD HV DISCONNECT SWITCHES	0	100%			11-Feb-11 A		07-Jan-11	◆ RECEIVE SWYD HV DISCONNECT SWITCHES																							
DEL120	RECEIVE CTG COMPONENTS & ACCESSORIES	0	100%			11-Apr-11 A		11-Apr-11	◆ RECEIVE CTG COMPONENTS & ACCESSORIES																							
DEL110	RECEIVE WATER TREATMENT SYS EQUIP	5	100%		15-Apr-11 A	19-Jul-11 A	02-Feb-11	02-May-11																								
DEL143	RECEIVE SWYD HV CKT BRKRS	0	100%			19-Apr-11 A		07-Jan-11	◆ RECEIVE SWYD HV CKT BRKRS																							
DEL190	RECEIVE CONDENSER	5	100%		22-Apr-11 A	16-May-11 A	15-Jul-11	15-Jul-11																								
DEL141	RECEIVE AUXILIARY TRANSFORMERS	0	100%			12-May-11 A		12-May-11	◆ RECEIVE AUXILIARY TRANSFORMERS																							
DEL144	RECEIVE ISOPHASE & NON-SEG BUS DUCT	0	100%			12-May-11 A		06-May-11	◆ RECEIVE ISOPHASE & NON-SEG BUS DUCT																							
DEL140	RECEIVE GEN STEP-UP TRANSFORMERS	0	100%			22-May-11 A		12-May-11	◆ RECEIVE GEN STEP-UP TRANSFORMERS																							
DEL142	RECEIVE GEN CKT BRKRS	0	100%			01-Jun-11 A		01-Jun-11	◆ RECEIVE GEN CKT BRKRS																							
DEL170	RECEIVE POWER DIST CNTRS	0	100%			03-Jun-11 A		01-Jun-11	◆ RECEIVE POWER DIST CNTRS																							
DEL150	RECEIVE DCS AT SITE	23	100%		01-Aug-11 A	26-Aug-11 A	02-Aug-11	01-Sep-11																								
DEL220	RECEIVE CONDENSATE PUMPS	0	100%			30-Aug-11 A		15-Jul-11	◆ RECEIVE CONDENSATE PUMPS																							
DEL200	RECEIVE STG COMPONENTS & ACCESSORIES	0	100%			02-Sep-11 A		01-Nov-11	◆ RECEIVE STG COMPONENTS & ACCESSORIES																							
DEL180	RECEIVE BOILER FEED PUMPS	0	100%			02-Sep-11 A		06-Sep-11	◆ RECEIVE BOILER FEED PUMPS																							
DEL210	RECEIVE AUX BOILER	0	100%			19-Sep-11 A		01-Jul-11	◆ RECEIVE AUX BOILER																							
DEL130	RECEIVE FUEL GAS COMPRESSORS	0	100%			22-Nov-11 A		24-Jun-11	◆ RECEIVE FUEL GAS COMPRESSORS																							
EXISTING EQUIPMENT DEMO AND RELOCATION		168			22-Dec-10 A	30-Jun-11 A	15-Sep-10	30-Apr-11																								
REL130	RELOCATE 13.8 KV LINE TO WHITE SLOUGH WTP	20	100%		22-Dec-10 A	08-Feb-11 A	22-Dec-10	20-Jan-11																								
REL110	RELOCATE & TIE-IN EXISTING STIG COOLING TOWER	3	100%		03-Jan-11 A	03-Jan-11 A	01-Nov-10	03-Nov-10																								

■ Actual Work
 ■ Critical Remaining Work
 ◻ Finish Constraint
■ Remaining Work
 ◻ Start Constraint
 ◆ Milestone

Exhibit 2

Key Events List

KEY EVENTS LIST

PROJECT: LODI ENERGY CENTER

DOCKET #: 08-AFC-10C

COMPLIANCE PROJECT MANAGER: CHRISTINE STORA

EVENT DESCRIPTION	DATE
Certification Date	4/21/10
Obtain Site Control	3/22/10
Online Date	JULY 2012
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	7/30/10
Start Ground Disturbance	8/7/10
Start Grading	8/7/10
Start Construction	10/1/10
Begin Pouring Major Foundation Concrete	10/8/10
Begin Installation of Major Equipment	11/1/10
Completion of Installation of Major Equipment	3/5/12
First Combustion of Gas Turbine	5/24/12
Obtain Building Occupation Permit	?
Start Commercial Operation	7/17/12
Complete All Construction	7/17/12
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	6/8/11
Synchronization with Grid and Interconnection	6/1/12
Complete T/L Construction	7/5/11
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	10/1/11
Complete Gas Pipeline Construction	2/1/12
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	11/15/11
Complete Water Supply Line Construction	11/23/11

Exhibit 3

Construction Photographs

3.0 ATTACHMENTS

3.1 PROJECT PHOTOGRAPHS



Circulating Water Pumps



Cooling Tower Erection (looking south)



Cooling Tower (looking south)



Cooling Tower Motor Installation



CTG ISO Phase



CTW Vertical Pumps



Fuel Gas Compressor



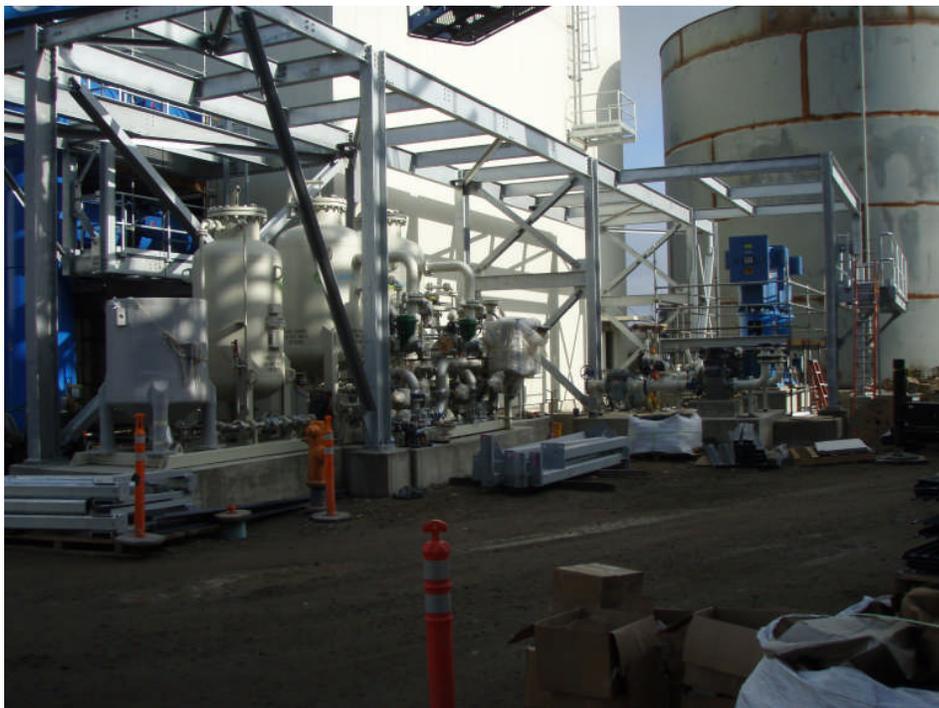
HRSG Pipe Rack



HRSG Stack Installaion



HRST and ST Pipe Racks (looking southeast)



WTB Structural Steel



WTB



ST GSUT



ST Pipe Rack Deck 1



ST Pipe Rack Deck 2



ST Pipe Rack



STG Building Fire System



STG Pipe Rack and CTW (looking south)



Water Treatment Building Mezzanine



Water Treatment Corridor (looking west)



Water Treatment Building



Water Treatment Building



Water Treatment Building Cable Tray



Water Treatment Building and CTW Fans



Water Treatment Building

Exhibit 4

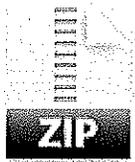
CBO Approvals

Hays, Nancy (Sacramento)

From: Lisa Krause [notifications@trbplus.basecamphq.com]
Sent: Monday, November 07, 2011 12:44 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Lisa Krause uploaded a new file:



STRUCT-01A 60.1 (REV 2) (111107).zip

APPROVED: Demin Water Storage Tank (Pacific Tank)

[Download this file](#) 3.5 MB

Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Friday, November 11, 2011 9:22 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 41.0 (REV 6) (111111).zip
CONDITIONAL APPROVAL: WTB Structural Package
[Download this file](#) 21.8 MB
Category: -Plan Review CONDITIONAL APPROVAL

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Thursday, November 17, 2011 11:14 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 60.0 (REV 4) (111117).zip

APPROVED: Waste Water Injection Storage Tank (revised Roof Platform dwg)

[Download this file](#) 151 KB

Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Lisa Krause [notifications@trbplus.basecamp.com]
Sent: Thursday, November 17, 2011 2:44 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Lisa Krause uploaded a new file:



STRUCT-01A 60.2 (REV 3) (111117).zip

APPROVED: Service Water Storage Tank (revised Roof Platform dwg)

[Download this file](#) 187.9 KB

Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamp.com]
Sent: Thursday, November 17, 2011 2:54 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.40 (REV 2) (111117).zip
APPROVED: Pipe Supports Hot Reheat Steam (Lisega)
[Download this file](#) 1.3 MB
Category: -Plan Review APPROVALS

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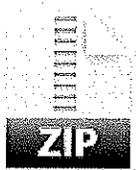
Delivered by
[Basecamp](#)

Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Thursday, November 17, 2011 3:21 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.42 (REV 2) (111117).zip
APPROVED: Pipe Supports Steam Drain System (Lisega)
[Download this file](#) 6.8 MB
Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Wednesday, November 23, 2011 6:00 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



ELEC-01 36.0 (REV 2) (111123).zip

APPROVED: WTB and SGB House Electrical Drawings

[Download this file](#) 6.04 MB

Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, November 28, 2011 9:37 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 85.1 (REV 0) (111128).zip

REVIEWED FOR REFERENCE: Service Water System - Isometric

[Download this file](#) 205 KB

Category: -Plan Review REFERENCE ONLY

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, November 28, 2011 3:29 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



GEN-6 16.0 (REV 0) (111128).zip

APPROVED: Application for Approved Fabricator - Synergy Steel

[Download this file](#) 190 KB

Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Wednesday, November 30, 2011 8:51 AM

To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 26.0 (REV 3) (111130).zip

APPROVED: STG Area Utility Bridge

[Download this file](#) 4.15 MB

Category: -Plan Review APPROVALS

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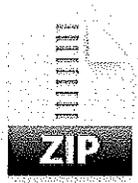
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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Wednesday, November 30, 2011 8:55 AM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 10.0 (REV 5) (111130).zip

APPROVED: HRSG Utility Bridge Steel Framing

[Download this file](#) 4.96 MB

Category: -Plan Review APPROVALS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Wednesday, November 16, 2011 9:15 AM

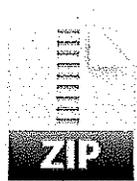
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 41.2 (REV 1) (111116).zip

COMMENTS: WTB Architectural Drawings

[Download this file](#) 306.7 KB

Category: -Plan Review COMMENTS

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From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Wednesday, November 16, 2011 2:18 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 56.1 (REV 0) (111016).zip

COMMENTS: SPX Cooling Tower - Stairway and Structural Calcs and Drawings

[Download this file](#) 105.1 KB

Category: -Plan Review COMMENTS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Thursday, November 17, 2011 10:42 AM

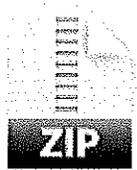
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



STRUCT-01A 41.3 (REV 1) (111117).zip

COMMENTS: WTB Stair Landing and Handrail Package

[Download this file](#) 162 KB

Category: -Plan Review COMMENTS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Thursday, November 17, 2011 2:58 PM

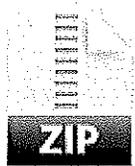
To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-01A 68.41 (REV 2) (111117).zip

COMMENTS: Pipe Supports Aux Steam System (Lisega)

[Download this file](#) 82 KB

Category: -Plan Review COMMENTS

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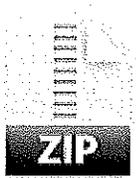
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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]
Sent: Monday, November 21, 2011 3:52 PM
To: Hays, Nancy (Sacramento)
Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)
Company: TRB and Associates

Stacey Hughes uploaded a new file:



MECH-03 0.0 (REV 1) (111121).zip

COMMENTS: HVAC Design

[Download this file](#) 94.7 KB

Category: -Plan Review COMMENTS

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Hays, Nancy (Sacramento)

From: Stacey Hughes [notifications@trbplus.basecamphq.com]

Sent: Monday, November 28, 2011 3:25 PM

To: Hays, Nancy (Sacramento)

Subject: [Lodi Energy Center] A new file has been uploaded

Project: [Lodi Energy Center](#)

Company: TRB and Associates

Stacey Hughes uploaded a new file:



GEN-6 15.0 (REV 0) (111128).zip

COMMENTS: Application for Approved Fabricator (4)

[Download this file](#) 155 KB

Category: -Plan Review COMMENTS

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Exhibit 5

Look Ahead Schedules

Description	Week Date Day	November							November							November							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		21	22	23	24	25	26	27
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S			
General Activities																														
Fabricate A/G Pipe Field and Shop Fabrication																														
Excavate and install Street lighting foundations, Conduit, Grounding																														
STG Area																														
Assemble Condensor																														
Blind Condensor for Hydro (Shell Side)																														
Hydro Condensor																														
Fab and Install Lube Oil, Leak Off and Cooling Water Pipe																														
STG Building A/G Electrical, Lighting																														
Form, Rebar, Pour STG GSU Foundation/Walls, Strip																														
Install Interior Rack, Support Steel/Platforms, Handrail																														
Install Iso Phase Steel/Bus, Inside & Outside																														
Newtron Dress out STGSU																														
Install STG Pipe Rack Steel/Grating, Handrail																														
Install BOP Pipe & Supports East/West, North/South Pipe rack																														
Dresser Rand continue ST, STG																														
Fab and install Misc.Supplied Interconnecting Pipe																														
HRSG Area																														
Install BOP Pipe & Supports North/South Pipe Rack																														
HRSG Hydro																														
Restore Systems/Punch HRSG																														
Install Lighting/Pull Cable																														
Build Scaffold/ Paint & Insulate Stack & Breeching																														
Install CEMS Cable, Tray/Supports																														
East Area																														
Form, Rebar, Pour Fuel Gas Compressor foundation/Strip																														
West Area																														
PDC #1 Support & Cable Tray/Pull Cable/Terminations																														
PDC #2 Support & Cable Tray/Misc. Electrical/Cable Pulls/ Terminations																														
Install Aux. Boiler Interconnecting Pipe & Supports																														
Water Treatment Building																														
Install SB Pipe																														
Rough Set Equipment																														
Form, Rebar, Pour Chem. Feed & Cooling area Wall and Equipment Pads																														
Dress out Lime Silos																														
Excavate, Form, Rebar, Pour Solids Holding Tank Pad/Filter Press Pump Pad																														

Description	Week Date Day	November							December							December							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11		12	13	14	15	16	17	18
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S		M	T	W	T	F	S	S
General Activities																														
A/G Pipe Field and Shop Fabrication																														
Excavate and install Street lighting foundations, Conduit, Grounding/Pull Cable																														
STG Area																														
Assemble Condensor																														
Prep Condensor for Hydro (Tube Side)																														
Hydro Condensor (Tube Side)																														
Fab and Install Lube Oil, Leak Off and Cooling Water Pipe																														
STG Building A/G Electrical, Lighting																														
Excavate, Form, Rebar, Pour Iso Phase Foundation, Piers																														
Install Interior Rack, Support Steel/Platforms, Handrail																														
Install Iso Phase Steel/Bus, Inside & Outside																														
Newtron Dress out STGSU																														
Install STG Pipe Rack Steel/Grating, Handrail																														
Install BOP Pipe & Supports East/West, North/South Pipe rack																														
Dresser Rand continue ST, STG																														
Fab and install Misc.Supplied Interconnecting Pipe																														
HRSG Area																														
Install BOP Pipe & Supports North/South Pipe Rack																														
HRSG Hydro COMPLETED!!!!																														
Restore Systems/Punch HRSG																														
Conduit, Cable Pulls, Terminations																														
Paint & Insulate Stack & Breeching																														
Install CEMS Cable, Tray/Supports																														
East Area																														
Receive, Rig, Set Fuel Gas Compressors																														
West Area																														
PDC #1 Support & Cable Tray/Pull Cable/Terminations																														
PDC #2 Support & Cable Tray/Misc. Electrical/Cable Pulls/ Terminations																														
Install Aux. Boiler Interconnecting Pipe & Supports																														
Boiler Punchlist																														
Water Treatment Building Area																														
Install SB Pipe / inside, outside																														
Rough Set Equipment																														
Form, Rebar, Pour Chem. Feed & Cooling area Wall																														
Excavate, Form, Rebar, Pour Solids Holding Tank Pad/Filter Press Pump Pad																														

Description	Week Date Day	November							December														COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11		12	13	14	15	16	17	18
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S		M	T	W	T	F	S	S
Install Clarifiers/Reactors, internals																													Start work on interior floors	
Continue Electrical Equipment, Cable tray, Conduit/ Cable Pulls																														
Erect Building, Mezzanine Deck Block walls, Fire Protection (Agate)																													Block Mason to remob 11/29	
Prep and Pour Mez. Deck/Curbs and Equipment Pads/Strip																														
Cooling Tower Area																														
Form, Rebar, Pour West Opening in Basin																														
Form, Rebar, Pour East Opening in Basin																														
CTG Area																														
Erect CT Enclosure/ Electrical, Lighting																													Intall Doors and seals, prep for testing	
CTG Misc.Electrical/ Conduit, Pull Cable																														
Air Intake Steel/Filter House/Piping, Electrical/Paint																													clean and seal, install media, prep for exterior paint	
North Area																														
CTG ISO Phase, Weld splices/Test																													Continue fit and weld	

Description	Week Date Day	November							November							December							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		28	29	30	1	2	3	4
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S			
General Activities																														
Fabricate A/G Pipe Field and Shop Fabrication																														
Excavate and install Street lighting foundations, Conduit, Grounding/Pull Cable																														
STG Area																														
Assemble Condensor																												Handrail, Vacuum Vortex Breakers, Rupture Discs.		
Prep Condensor for Hydro (Tube Side)																														
Hydro Condensor (Tube Side)																														
Fab and Install Lube Oil, Leak Off and Cooling Water Pipe																														
STG Building A/G Electrical, Lighting																												To continue at a later date		
Excavate, Form, Rebar, Pour Iso Phase Foundation, Piers																														
Install Interior Rack, Support Steel/Platforms, Handrail																												Finishing up Handrail		
Install Iso Phase Steel/Bus, Inside & Outside																												Continue rework on support steel		
Newtron Dress out STGSU																														
Install STG Pipe Rack Steel/Grating, Handrail																												Continue Grating, Handrail		
Install BOP Pipe & Supports East/West, North/South Pipe rack																														
Dresser Rand continue ST, STG																												Remob Mid December when pipe loaded		
Fab and install Misc.Supplied Interconnecting Pipe																														
HRSG Area																														
Install BOP Pipe & Supports North/South Pipe Rack																												Continue pending receipt of customer supplied pipe		
HRSG Hydro																														
Restore Systems/Punch HRSG																												Restoration to begin after hydro complete		
Conduit, Cable Pulls, Terminations																														
Build Scaffold/ Paint & Insulate Stack & Breeching																														
Install CEMS Cable, Tray/Supports																														
East Area																														
Form, Rebar, Pour Fuel Gas compressor foundation/Strip																												Form and Pour Chimneys		
Receive, Rig, Set Fuel Gas Compressors																												First pour complete, 2nd pour 11/10		
West Area																														
PDC #1 Support & Cable Tray/Pull Cable/Terminations																												Continue Terminations/Cable Testing		
PDC #2 Support & Cable Tray/Misc. Electrical/Cable Pulls/ Terminations																												Continue Terminations/Cable Testing		
Install Aux. Boiler Interconnecting Pipe & Supports																														
Boiler Punchlist																												Working Backfill, Grading under Pipe Rack		
Water Treatment Building Area																														
Install SB Pipe																														
Rough Set Equipment																												Continue after Mezzanine deck poured		
Form, Rebar, Pour Chem. Feed & Cooling area Wall and Equipment Pads																												Equipment Pads complete		

Description	Week Date Day	November							November							December							COMMENTS							
		LAST WEEK							FIRST WEEK							SECOND WEEK								THIRD WEEK						
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		28	29	30	1	2	3	4
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S			
Excavate, Form, Rebar, Pour Solids Holding Tank Pad/Filter Press Pump Pad																												Mud mat poured		
Install Clarifiers/Reactors																														
Continue Electrical Equipment, Cable tray, Conduit/ Cable Pulls																														
Erect Building, Mezzanine Deck, Block walls, Fire Protection (Agate)																												Block Mason to mob 11/14		
Prep and Pour Mez. Deck/Curbs and Equipment Pads/Strip																														
Cooling Tower Area																														
Form, Rebar, Pour West Opening in Basin																														
Form, Rebar, Pour East Opening in Basin																														
CTG Area																														
Erect CT Enclosure/ Electrical, Lighting																												Intall Doors and seals, prep for testing		
Install Misc.Piping/Supports																														
CTG Misc.Electrical/ Conduit, Pull Cable																														
Install Air Intake Steel/Filter House/Piping, Electrical																												Prep to clean and seal, install media.		
North Area																														
Install ISO Phase, Weld splices																												Continue fit and weld		

Description	November																											COMMENTS		
	Week	LAST WEEK							FIRST WEEK							SECOND WEEK							THIRD WEEK							
	Date	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		26	27
	Day	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F		S	S
Install Clarifiers/Reactors																														
Continue Electrical Equipment, Cable tray, Conduit/ Cable Pulls																														
Erect Building, Mezzanine Deck, Block walls, Fire Protection (Agate)																														Block Mason to mob 11/14
Prep and Pour Mez. Deck/Curbs and Equipment Pads																														
Cooling Tower Area																														
CTG Area																														
Erect CT Enclosure/ Electrical, Lighting																														Intall Doors and seals, prep for testing
Install Misc.Piping/Supports																														
CTG Misc.Electrical/ Conduit, Pull Cable																														
Install Air Intake Steel/Filter House/Piping, Electrical																														Prep to clean and seal
North Area																														
Install ISO Phase, Weld splices																														Continue fit and weld

Exhibit 6

Compliance Matrix

**LODI ENERGY CENTER CONSTRUCTION COMPLIANCE MATRIX
BASED ON CEC FINAL DECISION**

Pre-Const	Construction	Commiss.	Operations	To CEC or Agency	Approved by CEC
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Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
AQ-002	CONS	The ATC serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(e).	No verification necessary.	None	Complete	NCPA			
AQ-003	CONS	The facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4.	Submit the Title V Operating Permit application to both the District and CPM.	Prior to operation	5/13/12	Sierra Research			
AQ-007	COMM	Particulate matter emissions from the gas turbine system shall not exceed 0.1 grains/dscf in concentration	Submit the results of source tests to both the District and CPM in accordance with AQ-46.	Within 60 days after testing	7/1/12	ARB			
AQ-008	COMM	No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	As required	As required	NCPA			
AQ-009	COMM	APCO or an authorized representative shall be allowed to inspect the required monitoring devices to ensure that such devices are functioning properly.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	As required	As required	NCPA			
AQ-010	COMM	Commissioning activities are defined as, but not limited to, all testing, adjustment, tuning, and calibration activities recommended by the equipment manufacturers and the construction contractor to ensure safe and reliable steady state operation of the gas turbine and associated electrical delivery systems.	No verification necessary.	None	None	ARB			
AQ-011	COMM	Commissioning period shall commence when all mechanical, electrical, and control systems are installed and individual system startup has been completed, or when a gas turbine is first fired, whichever occurs first. The commissioning period shall terminate when the plant has completed initial source testing, completed final plant tuning, and is available for commercial operation.	Submit a commissioning plan to the CPM and APCO for approval that describes the procedures to be followed during the commissioning period and the anticipated duration of each commissioning activity.	30 days prior to first fire of the gas turbine	3/2/12	ARB			
AQ-012	COMM	During the commissioning period, emission rates from the gas turbine system shall not exceed any of the following limits: NOx (as NO2) - 400.00 lb/hr and 4,000 lb/day; VOC (as CH4) - 16.00 lb/hr and 192.0 lb/day; CO - 2,000 lb/hr and 20,000 lb/day; PM10 - 9.00 lb/hr and 108.0 lb/day; or SOx (as SO2) - 6.10 lb/hr and 73.1 lb/day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the QOR (QOR) required by AQ-SC8.	30 days after end of quarter	7/30/12	NCPA			
AQ-013	COMM	During commissioning period, NOx and CO emission rate shall be monitored using installed and calibrated CEMS.	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-11.	30 days prior to first fire of the gas turbine	3/2/12	ARB			
AQ-014	COMM	Total mass emissions of NOx, VOC, CO, PM10 and SOx that are emitted during the commissioning period shall accrue towards the quarterly emission limits.	A summary of significant operation and maintenance events and monitoring records required shall be included in the QOR as required by AQSC-08.	30 days after end of quarter	7/30/12	NCPA			
AQ-015	COMM	During commissioning period, the owner or operator shall keep records of the natural gas fuel combusted in the gas turbine system on hourly and daily basis.	A summary of significant operation and maintenance events and monitoring records required shall be included in the QOR as required by AQSC-08.	30 days after end of quarter	7/30/12	NCPA			
AQ-018	COMM	Maintain records of the date, start-up time, downtime for gas turbine and the steam turbine prior to startup, startup type, minute-by-minute turbine load (MW), and NOx and CO concentrations (ppmvd @ 15% O2) measurement using CEMS, for each startup event in the first 12 months of operation following the end of the	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	As required	As required	NCPA			

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
AQ-023	COMM	The District shall administratively add the minimum temperature limitation established pursuant to the above condition in the final Permit to Operate.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	As required	As required	NCPA			
AQ-024	CONS	The SCR system shall be equipped with a continuous temperature monitoring system to measure and record the temperature at the catalyst face.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	SCR install	As required	NCPA			
AQ-026	COMM	Start-up is defined as the period of time during which a unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation.	No verification necessary.	None	None	NCPA			
AQ-027	COMM	Shutdown is defined as the period of time during which a unit is taken from an operational to a non-operational status ending when the fuel supply to the unit is completely turned off. [District Rule 4703, 3.26]	No verification necessary.	None	None	NCPA			
AQ-031	COMM	Each 3-hour rolling average period will be compiled from the three most recent one hour periods. Each one hour period shall commence on the hour. Each one hour period in a twenty-four hour average for ammonia slip will commence on the hour. The twenty-four hour average will be calculated using the most recent twenty-four one-hour periods.	No verification necessary.	None	None	ARB			
AQ-042	COMM	A SCR system and an oxidation catalyst shall serve the gas turbine system.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB			
AQ-043	CONS	The gas turbine engine and generator lube oil vents shall be equipped with mist eliminators or equivalent technology sufficient to limit the visible emissions from the lube oil vents to not exceed 5% opacity, except for a period not exceeding three minutes in any one hour.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-044a	COMM	Source testing shall be conducted using the methods and procedures approved by the District.	Submit the proposed source test plan or protocol for the source tests to both the District and CPM for approval.	15 days prior to proposed source test date	6/15/12	Sierra Research			
AQ-044b	COMM	Source testing shall be conducted using the methods and procedures approved by the District.	Notify the District and CPM of the proposed source test date and time.	30 days prior to the proposed source test date and time	5/2/12	Sierra Research			
AQ-044c	COMM	Source testing shall be conducted using the methods and procedures approved by the District.	Submit source test results to the CEC CPM and District.	No later than 60 days following the source test	7/31/12	Sierra Research			
AQ-045	COMM	Source testing shall be witnessed or authorized by District personnel and samples shall be collected by a California Air Resources Board (CARB) certified testing laboratory or a CARB certified source testing firm.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/17/12	Sierra Research			
AQ-046a	COMM	Source testing to measure start-up emission rates of NOx, CO and VOC shall be conducted before the end of commissioning period and at least once every seven years thereafter. CEM relative accuracy for NOx and CO shall be determined during startup and shutdown source testing in accordance with 40 CFR 60, Appendix F (Relative Accuracy Audit). If CEM data is not certifiable to determine compliance with NOx and CO startup emission limits, then startup and shutdown NOx and CO testing shall be conducted every 12 months.	Submit results and field data collected during source tests to the District and CPM.	Within 60 days of testing	7/31/12	Sierra Research			

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
AQ-046b	COMM	Testing for startup and shutdown emissions shall be conducted upon initial operation and at least once every seven years.	Submit source test results to the CEC CPM and District.	Upon initial operation and at least once every 7 years	6/12/12	Sierra Research			
AQ-047a	COMM	Source testing to determine compliance with the NOx, CO, VOC, and NH3 emission rates (lb/hr and ppmvd @ 15% O2) and PM10 emission rate (lb/hr) shall be conducted before the end of commissioning period and at least once every 12 months thereafter.	Submit results and field data collected during source tests to the District and CPM according to a pre-approved protocol (AQ-44). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Within 60 days of testing	7/31/12	Sierra Research			
AQ-047b	COMM	Testing for steady state emissions shall be conducted upon initial operation .	Submit source test results to the CEC CPM and District.	Upon initial operation	7/31/12	Sierra Research			
AQ-048	COMM	The sulfur content of each fuel source shall be: (i) documented in a valid purchase contract, a supplier certification, a tariff sheet or transportation contract, or (ii) monitored within 60 days after the end of commissioning period and weekly thereafter. If the sulfur content is less than or equal to 1.0 gr/100 dscf for eight consecutive weeks, then the monitoring frequency shall be every six months. If the result of any six month monitoring demonstrates that the fuel does not meet the fuel sulfur content limit, weekly monitoring shall resume until compliance is demonstrated for eight consecutive weeks.	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 QOR.	30 days after end of quarter	10/1/12	NCPA			
AQ-049	COMM	The following test methods shall be used: NOx - EPA Method 7E or 20 or CARB Method 100; CO - EPA Method 10 or 10B or CARB Method 100; VOC - EPA Method 18 or 25; PM10 - EPA Method 5 (front half and back half) or 201 and 202a; ammonia - BAAQMD ST-1B; and O2 - EPA Method 3, 3A, or 20 or CARB Method 100. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/17/12	Sierra Research			
AQ-051	COMM	The results of each source test shall be submitted to the District within 60 days thereafter.	Submit the source test report of results to both the CEC and District.	Within 60 days of testing	5/17/12	Sierra Research			
AQ-052	CONS	A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-053	COMM	The owner or operator shall install, certify, maintain, operate, and quality-assure a CEMS which continuously measures and records the exhaust gas NOx, CO, and O2 concentrations. CEMS shall monitor emissions during all types of operation, including during startup and shutdown periods, provided the CEMS passes the relative accuracy requirement for startups and shutdowns specified herein. If relative accuracy of CEMS cannot be demonstrated during startup conditions, CEMS results during startup and shutdown events shall be replaced with startup emission rates obtained from source testing to determine compliance with emission limits contained in this document.	The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission to verify the continuous monitoring system is properly installed and operational.	As required	As required	ARB			
AQ-060	COMM	Upon written notice from the District, the owner or operator shall provide a summary of the data obtained from the CEMS. This summary shall be in the form and the manner prescribed by the District.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB			

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
AQ-061	CONS	The facility shall install and maintain equipment, facilities, and systems compatible with the District's CEMS data polling software system and shall make CEMS data available to the District's automated polling system on a daily basis. Upon notice by the District that the facility's CEMS is not providing polling data, the facility may continue to operate without providing automated data for a maximum of 30 days per calendar year provided the CEMS data is sent to the District by a District-approved alternative method.	Provide a CEMS protocol for approval by the APCO and CPM. The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission upon request.	at least 60 days prior to installation of the CEMS	2/1/12	ARB		9/14/11 2011-017	Pending CEC Approval
AQ-063	CONS	The exhaust stack shall be equipped with permanent provisions to allow collection of stack gas samples consistent with EPA test methods and shall be equipped with safe permanent provisions to sample stack gases with a portable NOx, CO, and O2 analyzer during District inspections. The sampling ports shall be located in accordance with the CARB regulation titled California Air Resources Board Air Monitoring Quality Assurance Volume VI, Standard Operating Procedures for Stationary Emission Monitoring and Testing.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-064	COMM	Monitor Downtime is defined as any unit operating hour in which the data for NOx, CO2 or O2 concentrations is either missing or invalid.	No verification necessary.	None	None	NCPA			
AQ-067	COMM	The owner or operator shall maintain all records of required monitoring data and support information for a period of five years from the date of data entry and shall make such records available to the District upon request.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-070	COMM	[CONDITIONS AQ-70 through 79 relate to Facility Wide Offsets] Prior to operating under ATCs N-2697-5-0 and N-2697-7-0, the permittee shall mitigate the following quantities of NOx: Q1: 38,348 lb, Q2: 38,721 lb, Q3: 37,436 lb, and Q4: 38,150 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06).	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-071	COMM	NOx ERCs S-2857-2, S-2848-2, S-2849-2, S-2850-2, S-2851-2, S-2852-2, S-2854-2, S-2855-2, C-915-2, C-916-2, C-914-2, N-755-2, N-754-2, S-2894-2 and S-2895-2 (or a certificate split from any of these certificates) shall be used to supply the required NOx offsets, unless a revised offsetting proposal is received and approved by the District.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-072	COMM	Prior to operating under ATCs N-2697-5-0 and N-2697-7-0, the permittee shall mitigate the following quantities of VOC: 1st quarter: 8,240 lb, 2nd quarter: 8,331 lb, 3rd quarter: 8,571 lb, and 4th quarter: 8,477 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	4/1/12	NCPA	11/25/11	2011-25	Pending CEC Approval
AQ-073	COMM	VOC ERC S-2860-1, and NOx ERCs S-2857-2, S-2848-2, S-2849-2, S-2850-2, S-2851-2, S-2852-2, S-2854-2, S-2855-2, C-915-2, C-916-2, C-914-2, N-755-2, N-754-2, S-2894-2 and S-2895-2 (or a certificate split from any of these certificates) shall be used to supply the required VOC offsets, unless a revised offsetting proposal is received and approved by the District.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-074	COMM	The District has authorized to use NOx reductions to overcome shortfall in the amount of VOC offsets at NOx/VOC interpollutant offset ratio of 1.00.	No verification necessary.	None	None	NCPA	11/25/11	2011-25	Pending CEC Approval

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
AQ-075	COMM	Prior to operating under ATCs N-2697-5-0 and N-2697-7-0, the permittee shall mitigate the following quantities of SOx: 1st quarter: 2,668 lb, 2nd quarter: 2,668 lb, 3rd quarter: 2,668 lb, and 4th quarter: 2,668 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06).	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	4/1/12	NCPA	11/25/11	2011-25	Pending CEC Approval
AQ-076	COMM	SOx ERCs S-2843-5, S-2845-5, S-2858-5, N-759-5, N-758-5, S-2846-5 and N-757-5 (or a certificate split from any of these certificates) shall be used to supply the required SOx offsets, unless a revised offsetting proposal is received and approved by the District.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-077	COMM	Prior to operating under ATCs N-2697-5-0, N-2697-6-0 and N-2697-7-0, the permittee shall mitigate the following quantities of PM10: 1Q: 19,112 lb, 2Q: 19,112 lb, 3Q: 19,112 lb, and 4Q: 19,112 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06).	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	3/2/12	NCPA	11/25/11	2011-25	Pending CEC Approval
AQ-078	COMM	PM10 ERCs S-2844-4, C-911-4, N-756-4, C-913-4, C-912-4, and SOx ERCs S-2843-5, S-2845-5, S-2858-5, N-759-5, N-758-5, S-2846-5 and N-757-5 (or a certificate split from any of these certificates) shall be used to supply the required PM10 offsets, unless a revised offsetting proposal is received and approved by the District.	Submit to both the District and CPM records showing that the project's offset requirements have been met.	Prior to initiating operation	Complete	NCPA	4/9/10	2010-010	Approved 6/29/10
AQ-079	COMM	The District has authorized to use SOx reductions to overcome shortfall in the amount of PM10 offsets at SOx/PM10 interpollutant offset ratio of 1.00.	No verification necessary.	None	None	NCPA			
AQ-080	CONS	[CONDITIONS AQ-80 through 89 relate to Facility Wide Dust Control] Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 or Rule 8011.	A summary of significant construction activities and monitoring records required shall be included in the construction monthly report required by AQ-SC3.	Monthly	Include in MCR	ARB	Ongoing during construction		
AQ-081b	CONS	A summary of significant construction activities and monitoring records required shall be included in the construction monthly compliance report required by AQSC-3.	Submit the required information to the CEC as part of the MCR.	Monthly	Include in MCR	ARB	Ongoing during construction		
AQ-082	CONS	An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 or Rule 8011.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-083	CONS	Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 or Rule 8011.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-084	CONS	Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 or Rule 8011.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-085	CONS	Water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
AQ-086	CONS	Where dusting materials are allowed to accumulate on paved surfaces, the accumulation shall be removed daily or water and/or chemical/organic dust stabilizers/suppressants shall be applied to the paved surface as required to maintain continuous compliance with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011 and limit Visible Dust Emissions (VDE) to 20% opacity.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-087	CONS	On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with three axles or more will occur on an unpaved vehicle/equipment traffic area, permittee shall apply water, gravel, roadmix, or chemical/ organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-088	CONS	Whenever any portion of the site becomes inactive, Permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in Section 3.58 of District Rule 8011.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	ARB	Ongoing during construction		
AQ-090	COMM	[CONDITIONS AQ-90 through 103 relate to the Acid Rain Program] The owners and operators of each affected source and each affected unit at the source shall have an Acid Rain permit and operate in compliance with all permit requirements. [40 CFR 72]	Submit the Acid Rain Program application to both the District and the CPM.	Prior to first fire	6/30/12	Sierra Research	5/6/09		
AQ-091	COMM	The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR Part 75.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-092	COMM	The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain program.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-093	COMM	The owners and operators of each source and each affected unit at the source shall: (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(e)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-094	COMM	Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.	No verification necessary.	None	None	Sierra Research			
AQ-095	COMM	Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-096	COMM	An allowance shall not be deducted in order to comply with the requirements under 40 CFR part 73, prior to the calendar year for which the allowance was allocated.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			

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AQ-097	COMM	An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.	No verification necessary.	None	None	Sierra Research			
AQ-098	COMM	An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.	No verification necessary.	None	None	Sierra Research			
AQ-100	COMM	The owners and operators of an affected unit that has excess emissions in any calendar year shall: (i) Pay without demand the penalty required, and pay up on demand the interest on that penalty; and (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-101	COMM	The owners and operators of the each affected unit at the source shall keep on site the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the Administrator or permitting authority: (i) The certificate of representation for the designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site beyond such five-year period until such documents are superceded because of the submission of a new certificate of representation changing the designated representative.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-102	COMM	The owners and operators of each affected unit at the source shall keep on site each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the Administrator or permitting authority; (ii) All emissions monitoring information, in accordance with 40 CFR part 75; (iii) Copies of all reports, compliance certifications and other submissions and all records made or required under the Acid Rain Program; (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission that demonstrates compliance with the requirements of the Acid Rain Program.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-103	COMM	The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 Subpart I.	Submit the Acid Rain Program Application to both the District and CPM.	Prior to first fire	6/30/12	Sierra Research	5/6/09		
AQ-106	CONS	Prior to operating with modifications authorized by this ATC, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4.	Submit to both the District and CPM the Title V Operating Permit application prior to operation.	Prior to operation	5/13/12	Sierra Research			
AQ-107	COMM	No air contaminant shall be released into the atmosphere which causes a public nuisance.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			

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AQ-110	COMM	No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-112	COMM	No hexavalent chromium containing compounds shall be added to cooling tower circulating water.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-116	COMM	Compliance with PM10 emission limit shall be determined by blowdown water sample analysis by independent laboratory within 60 days after the end of commissioning period of the gas turbine system and at least once quarterly thereafter.	Use the results of water recirculation rate and total dissolved solids concentration analysis data to determine emissions (lb/day and grains/dscf) and the results shall be included in the quarterly operation report (AQ-SC8).	30 days after end of quarter	10/1/12	NCPA			
AQ-118	CONS	This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c).	No verification necessary.	None	Complete	NCPA			
AQ-119	COMM	Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4.	Submit to both the District and CPM the Title V Operating Permit application	Prior to operation	4/1/12	Sierra Research			
AQ-120	COMM	All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-121	COMM	No air contaminant shall be released into the atmosphere which causes a public nuisance.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-122	COMM	No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-125	COMM	A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-126	COMM	The total mass emissions of NOx, VOC, CO, PM10 and SOx that are emitted during the commissioning period shall accrue towards the quarterly emission limits.	A summary of significant operation and maintenance events and monitoring records required shall be included in the QOR.	30 days after end of quarter	10/1/12	NCPA			
AQ-141	COMM	All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/17/12	NCPA			
AQ-142	COMM	Source testing to measure NOx and CO emissions from this unit while fired on natural gas shall be conducted within 60 days of the end of commissioning period of the gas turbine system.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	Within 30 days of testing	7/30/12	ARB			
AQ-144	COMM	The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/17/12	Sierra Research			

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AQ-145	COMM	Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/17/12	Sierra Research			
AQ-146	COMM	NOx emissions for source test purposes shall be determined using EPA Method 7E or CARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/20/12	Sierra Research			
AQ-147	COMM	CO emissions for source test purposes shall be determined using EPA Method 10 or CARB Method 100.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/20/12	Sierra Research			
AQ-148	COMM	Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or CARB Method 100.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/20/12	Sierra Research			
AQ-149	COMM	For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/20/12	Sierra Research			
AQ-150	COMM	The results of each source test shall be submitted to the District within 60 days thereafter.	Submit the proposed protocol for the source tests to both the District and CPM for approval in accordance with condition AQ-44.	15 days prior to proposed source test date	5/20/12	Sierra Research			
AQ-159	COMM	All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request.	Make the site available for inspection by representatives of the District, ARB, and the CEC upon request.	As required	As required	NCPA			
AQ-SC03	CONS	The AQCMM shall submit documentation to the CPM in each MCR that demonstrates compliance with items (a) through (m) 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.	Include a summary of all actions taken to maintain compliance with this condition, copies of any complaints filed with the Air District in relation to project construction, and any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition.	Monthly	Include in MCR	WP	Ongoing during construction		
AQ-SC04	CONS	The AQCMM shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes with the potential to be transported off the project site, 200 feet beyond the centerline of the construction of linear facilities, or within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not providing effective mitigation. The AQCMM shall implement Steps 1-3 in the Condition in the event such visible dust plumes are observed.	AQCMM shall prepare for the MCR: (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.	Monthly	Include in MCR	ARB	Ongoing during construction		
AQ-SC05	CONS	The AQCMM shall submit to the CPM in the MCR a construction mitigation report that demonstrates compliance with the measures (A-F) set forth in the Condition for purposes of controlling diesel construction-related emissions. Any deviation from the following 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.	Monthly	Include in MCR	ARB	Ongoing during construction		

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AQ-SC06	CONS	Submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	Submit any proposed air permit modification to the CPM either by: 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.	Submit modifications within 5 working days of its submittal and submit modified air permits within 15 days of receipt	As required	NCPA			
BIO-02	CONS	Ensure that the DB performs the activities outlined in BIO-2 during site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure.	Designated Biologist must maintain written records of the tasks described in condition and provide summaries for inclusion in the MCR.	Monthly	Include in MCR	CH2	Ongoing during construction		
BIO-04	CONS	Construction/Operation Manager shall act on the advice of the DB to ensure conformance with the biological resources Conditions of Certification. If required by the DB, Construction/ Operation Manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the DB.	Designated Biologist must notify the CPM immediately of any non-compliance activity or halt of any site mobilization, ground disturbance, grading, construction, and ops activities.	Immediately following non-compliance or construction halt	As required	ARB	Ongoing during construction		
BIO-05b	CONS	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.	Include a running total in MCR.	Monthly	Include in MCR	Andrea	Ongoing during construction		
BIO-06c	CONS	Any changes to the approved BRMIMP must also be approved by the CPM and submitted to the HTAC to ensure no conflicts exist.	Notify the CPM before implementing any modifications to the approved BRMIMP	Within 5 days	As required	Rick Crowe	11/1/11	2011-021 (reflects gas line amendment)	Pending CEC approval
BIO-06d	CONS	Implementation of BRMIMP measures will be reported in the MCR by the DB.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-06e	CONS	Prepare 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.	Provide construction closure report to the CPM for review and approval.	Within 30 days after completion of construction	5/31/12	Rick Crowe			
BIO-07a	CONS	Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including Items 1-9 as listed in the Condition.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-07b	CONS	Submit a written construction termination report identifying how bio mitigation measures have been completed.	Provide construction termination report to the CPM for review and approval.	Within 30 days after completion of construction	5/31/12	Rick Crowe			
BIO-08a	CONS	Implement measures set forth in condition (Items 1-8) in a manner to avoid or minimize impacts to the local biological resources.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-08b	CONS	Submit a written construction termination report identifying how bio mitigation measures have been completed.	Provide construction termination report to the CPM for review and approval.	Within 30 days after completion of construction	5/31/12	Rick Crowe			
BIO-09c	CONS	Discuss implementation of GGS mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		

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BIO-10c	CONS	Discuss implementation of burrowing owl mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-11c	CONS	Discuss implementation of Swainson's hawk mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-12b	CONS	Discuss implementation of migratory bird mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
BIO-13b	CONS	Discuss implementation of pond turtle mitigation and avoidance measures.	Provide report for inclusion in MCR.	Monthly	Include in MCR	Rick Crowe	Ongoing during construction		
CIVIL-01e	CONS	Submit written statement certifying that the documents required by CIVIL-01 (a-d) have been approved by the CBO.	Include written certification in next monthly compliance report.	Monthly	Include in MCR	ARB	Ongoing during construction		
CIVIL-02	CONS	The RE shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Notify the CPM within 24 hours when earthwork and construction are stopped as a result of unforeseen adverse geological 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.	Within 24 hours of construction halt due to geologic conditions	As required	ARB	Ongoing during construction		
CIVIL-03a	CONS	Perform inspections in accordance with the 2007 CBC. All plant site grading operations for which a grading permit is required shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM.	The RE shall transport to the CBO and CPM a NCR and the proposed corrective action for review and approval. Within 5 days of resolution, EPC must submit details of correction action to the CBO and CPM.	Within 5 days of discovery of any discrepancies	As required	ARB	Ongoing during construction		NCR Report is included in MCR
CIVIL-03b	CONS	A list of NCRs for the reporting month shall also be included in the following monthly compliance report.	Include in the MCR.	Monthly	Include in MCR	ARB	Ongoing during construction		NCR Report is included in MCR
CIVIL-04	CONS	After completion of finished grading and the erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	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 final approved plans. The project owner shall submit a copy of the CBO's approval to the CPM in the next MCR.	Within 30 days of completion of work	7/1/12	ARB			
COM-01	CONS	The CPM, responsible Energy Commission staff, and delegated agencies or consultants shall be guaranteed and granted unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained onsite, for the purpose of conducting audits, surveys, inspections, or general site visits.	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.	As required	As required	Andrea	Ongoing during construction		

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COM-02	CONS	Maintain maintain project files on-site or at an alternative site approved by the CPM for the life of the project, unless a lesser period of time is specified by the Conditions of Certification. The files shall contain copies of all "as-built" drawings, documents submitted as verification for Conditions, and other project-related documents.	CEC staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition.	Ongoing	Ongoing	Andrea	Ongoing during construction		
COM-05	CONS	Submit a construction matrix that provides the current status of all conditions in a spreadsheet format.	Submit a compliance matrix with each MCR and also in ACR	Monthly	Include in MCR	Andrea	Ongoing during construction		
COM-06	CONS	The first MCR shall include the AFC number and an initial list of dates for each of the events identified on the Key Events List. During construction of the project, the project owner or authorized agent shall submit an original and an electronic searchable version of the within 10 working days after the end of each reporting month. MCRs shall be clearly identified for the month being reported. The reports shall contain, at a minimum the items specified in the condition.	Submit to CPM on a monthly basis	Monthly	Complete	Andrea			
COM-08	CONS	Any information that the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality pursuant to Title 20, California Code of Regulations, section 2505(a). Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501 et. seq.	Any info the project owner deems confidential shall be submitted to the Docket Unit with an application for confidentiality.	As required	As required	NCPA	Ongoing during construction		
COM-09	CONS	Annual Energy Facility Compliance Fee: The project owner is required to pay an annual compliance fee, which is adjusted annually. Current Compliance fee information is available on the CEC's website.	Submit annual compliance fee to CEC.	Annually	7/15/12	NCPA	Ongoing		
COM-10	CONS	Report and provide copies to the CPM of all complaint forms, including noise and lighting complaints, notices of violation, notices of fines, official warnings, and citations. Complaints shall be logged and numbered. Noise complaints shall be recorded on the form provided in the NOISE Conditions of Certification. All other complaints shall be recorded on the complaint form (Attachment A).	Provide documentation to the CPM as required.	Within 10 days of receipt	As required	NCPA	Ongoing during construction		
COM-12a	CONS	Prepare an Unplanned Temporary Facility Closure/On-Site Contingency Plan (see condition for issues that must be addressed in the plan). The approved plan must be in place prior to commercial operation of the facility and shall be kept at the site at all times.	Submit an on-site contingency plan for CPM review and approval.	no less than 60 days prior to COD	4/13/12	NCPA			
COM-12b	CONS	In the event of an unplanned temporary 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. The project owner shall keep the CPM informed of the circumstances and expected duration of the closure.	Notify the CPM and other agencies as required.	Within 24 hours of unplanned temporary closure	As required	NCPA			
COM-12c	CONS	If the CPM determines that an unplanned temporary closure is likely to be permanent, or for a duration of more than 12 months, a closure plan consistent with the requirements for a planned closure shall be developed and submitted to the CPM.	Develop and submit the closure plan to the CPM.	Within 90 days of CPM's determination	As required	NCPA			

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COM-13a	CONS	The on-site contingency plan required for unplanned temporary closure shall also cover unplanned permanent facility closure. All of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure. In addition, the on-site contingency plan shall address how the project owner will ensure that all required closure steps will be successfully undertaken in the event of abandonment.	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 and shall take all necessary steps to implement the on-site contingency plan. The project owner shall keep the CPM informed of the status of all closure activities.	Within 24 hours of unplanned permanent closure	As required	NCPA			
COM-13b	CONS	Prepare a closure plan, consistent with the requirements for a planned closure.	Submit the closure plan to the CPM.	Within 90 days of permanent closure	As required	NCPA			
COM-14	CONS	Post-Certification Changes to the Decision--see Condition for detailed information on what constitutes and how to prepare a post-licensing change to the CEC Final Decision.	As required	As required	As required	NCPA			
CUL-02b	CONS	Provide to the CRS and CPM a schedule of project activities for the following week, including the identification of area(s) where ground disturbance will occur during that week.	Provide requested into to the CPM and CRS.	Weekly during construction	Weekly	ARB	Ongoing during construction		
CUL-04a	CONS	If any archaeological monitoring or data recovery activities are conducted during project construction, submit a final Cultural Resources Report (CRR) which addresses the items specified in the condition.	Provide the required written documentation to the CPM for review and approval.	Within 90 days after completion of ground disturbance	9/28/12	NCPA			
CUL-04b	CONS	If cultural materials requiring curation were collected, provide to the CPM a copy of an agreement or other written commitment form.	Provide the required written documentation to the CPM.	Within 90 days after completion of ground disturbance	9/28/12	NCPA			
CUL-04c	CONS	Provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies of project-related reports.	Provide the required written documentation to the CPM.	Within 10 days after CPM approval of CRR	10/28/12	NCPA			
CUL-04d	CONS	If the project is suspended, submit a draft CRR to the CPM for review and approval.	Provide the required written documentation to the CPM for review and approval.	Within 30 days after requesting a suspension	As required	NCPA			
CUL-05c	CONS	Provide the WEAP Training Acknowledgement 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.	Include a running total in MCR.	Monthly	Include in MCR	NCPA	Ongoing during construction		
CUL-06a	CONS	Based on the findings of the geoarchaeological study, no archaeological monitoring is required unless WEAP-trained construction workers identify cultural resources materials during excavations. In that event, To ensure there are no impacts to unknown buried archaeological resources, construction shall cease in the vicinity of the discovery, the CRS shall be notified, and CUL-7 shall apply.	During monitoring, provide daily feedback to CPM on status of monitoring activities via email.	Daily logs emailed to CPM	As required	NCPA	Ongoing during construction		
CUL-06b	CONS	Submit a monthly summary report of cultural resources-related monitoring prepared by the CRS.	Provide report for inclusion in MCR.	Monthly	Include in MCR	NCPA	Ongoing during construction		
CUL-06c	CONS	Notify CEC prior to changing or eliminating monitoring.	Provide letter or email to CPM for review and approval detailing justification for changing or eliminating monitoring.	At least 24 hours prior to changing level	As required	NCPA			

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
CUL-06d	CONS	A Native American monitor shall be obtained to monitor ground disturbance in areas and at depths, if any, where the CUL-1 geoarchaeological study identified the potential for buried prehistoric archaeological deposits and anywhere else that if Native American artifacts are encountered during ground disturbance.	Provide the required written documentation to the CPM.	No later than 30 days after discovery	As required	NCPA			
CUL-06e	CONS	Submit any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Provide the required written documentation to the CPM.	Within 15 days of receipt	As required	NCPA			
CUL-7	CONS	Grant authority to halt construction to the CRS, alternate CRS and the CRMs in the event previously unknown cultural resource sites or materials are encountered, or if known resources may be impacted in a previously unanticipated manner (discovery).	Provide the CPM and CRS with a letter confirming that the CRS, alternate CRS and CRMs have the authority to halt construction activities in the vicinity of a cultural resource 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.	At least 30 days prior to ground disturbance	Complete	NCPA	8/4/10	2010-062	Approved by CEC 8/18/11
ELEC-01a	CONS	Prior to the start of any increment of electrical construction for electrical equipment and systems 480 volts and higher, with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, submit for CBO design review and approval the proposed final design, specifications and calculations.	Submit to the CBO for design review and approval the items listed in this condition (see page 59 of Final Decision)	At least 30 days prior to start of construction of each increment of electrical construction	7/16/10	WP	Ongoing during construction		Info is included in MCRs
ELEC-01b	CONS	Send the CPM a copy of the transmittal letter in the next MCR.	Include the required documentation in the MCR.	Monthly	Include in MCR	NCPA	Ongoing during construction		
GEN-01a	CONS	Design, construct and inspect the project in accordance with the 2007 CBC et al and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously.	Submit to the CEC CPM a statement of verification signed by responsible design engineer attesting that all design, construction, installation and inspection requirements of the applicable LORS and CEC Final Decision has been met in the area of facility design.	With 30 days after receipt of Certificate of Occupancy	7/30/12	WP			
GEN-01b	CONS	Final Certificate of Occupancy	Provide the CPM a copy of the Final Certificate of Occupancy from the CBO.	Within 30 days after receipt from the CBO	6/30/12	WP			
GEN-01c	CONS	Once the certificate of occupancy has been issued, the project owner shall inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance being performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM shall then determine if the CBO needs to approve the work.	The CPM shall then determine if the CBO needs to approve the work.	At least 30 days prior to such work	9/28/12	WP			
GEN-02b	CONS	Major structures and equipment shall be added to or deleted from Facility Design Table 1 (see page 46 of Final Decision) only with CPM approval.	The project owner shall provide schedule updates in the MCR.	Monthly	Include in MCR	WP	Ongoing during construction		
GEN-03	CONS	Make payments to the CBO for design review, plan check and construction inspections based upon a reasonable fee schedule to be negotiated between NCPA and the CBO.	Send copy of CBO's receipt of payment to CPM in next MCR indicating applicable fees have been paid.	Monthly	Include in MCR	NCPA	Ongoing during construction		

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GEN-04b	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.	Notify the CPM of the CBO's approval of the new engineer.	Within 5 days	As required	NCPA			
GEN-05c	CONS	If the designated responsible engineer is subsequently reassigned or replaced, submit the resume and registration number of the newly assigned engineer to the CBO for review and approval.	Notify the CPM of the CBO's approval of the new engineer.	Within 5 days	As required				
GEN-06a	CONS	Assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC. A certified weld inspector, certified by the American Welding Society (AWS) and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks, and pressure vessels). The special inspector shall perform the duties specified in the condition.	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.	At least 15 days prior to start of an activity requiring special inspection	9/21/10	WP	Ongoing during construction		Info is included in MCRs
GEN-06b	CONS	Submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors.	Include the required documentation in the MCR.	Monthly	Include in MCR	WP	Ongoing during construction		
GEN-06c	CONS	If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned special inspector to the CBO for approval.	Notify the CPM of the CBO's approval of the newly assigned inspector.	Within 5 days	As required	WP			
GEN-07	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference Condition GEN-7 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 MCR. 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.	Monthly	Include in MCR	WP	Ongoing during construction		
GEN-08a	CONS	Obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. Request that the CBO 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.	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.	Within 15 days of completion of any work	Include in MCR	WP			
GEN-08b	CONS	Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	After storing final approved plans, specs, and calcs	As required	WP			
GEN-08c	CONS	Provide to the CBO three sets of electronic copies of the documents referenced in the condition.	Documents shall be provided in the form of "read only" (Adobe .pdf 6.0) files, with restricted (password-protected) printing privileges, on archive quality CDs.	Within 90 days after completion of construction	9/10/12	WP			

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HAZ-02	CONS	Develop and implement a Safety Management Plan (SMP) for the delivery of anhydrous ammonia and other liquid hazmat by tanker truck. The plan shall address the information required in the Condition. This plan shall be applicable during construction, commissioning, and operation of the power plant.	Submit the plan to the CPM for review and approval.	At least 30 days prior to delivery of any liquid haz mat to the facility	Complete	NCPA		2010-067 12/8/10	Approved by CEC 12/2/10
HAZ-03	CONS	Direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles that meet or exceed the specifications of DOT Code MC-330 or 331.	Submit copies of notification letter to supply vendors indicating the transport vehicle specs to the CPM for review and approval.	At least 30 days prior to commissioning	10/15/11	ARB			Existing vendor for STIG delivers ammonia
HAZ-04	CONS	Direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM (I-5 to North Thornton Road to Frontage Road to North Cord Road to the project site). Obtain approval of the CPM if an alternate route is desired.	Submit copies of the required transportation route limitation direction to the CPM for review and approval.	At least 60 days prior to commissioning	10/15/11	ARB			Existing vendor for STIG delivers ammonia
HAZ-06a	COMM	Prepare a site-specific security plan for the commissioning and operational phases which addresses all the items in the Condition.	Notify the CPM that a site-specific operations site security plan is available for review and approval.	At least 30 days prior to commissioning	10/15/11	NCPA		11/16/11 2011-022	Pending CEC approval
MECH-01a	CONS	MAJOR PIPING & PLUMBING SYSTEMS: Submit for CBO design review and approval the proposed final design, specifications and calcs for each plant major piping and plumbing system listed in Facility Design Table 1 of GEN-2. Physical layout drawings and drawings not related to code compliance and life safety need not be submitted. The submittal shall also include the applicable QA/QC procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction.	Submit to the CBO for design review and approval the final plans, specs, and calcs, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS.	At least 30 days prior to the start of any major piping or plumbing construction listed in Table 1	Ongoing during construction	WP	Ongoing during construction		Info is included in MCRs
MECH-01b	CONS	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction.	Transmit to the CPM, following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Monthly	Include in MCR	WP	Ongoing during construction		
MECH-02a	CONS	PRESSURE VESSELS: Submit to the CBO and Cal-OSHA the code certification papers and other documents required by applicable LORS.	Submit to the CBO for design review and approval the final plans, specs, and calcs, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with LORS	At least 30 days prior to start of onsite fabrication or installation of any pressure vessel	Ongoing during construction	WP			
MECH-02b	CONS	Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation/	Transmit to the CPM, in the MCR following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	Monthly	Include in MCR	WP	Ongoing during construction		
MECH-03a	CONS	HVAC SYSTEMS: Submit for CBO design review and approval the proposed final design, specifications and calculations for each any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets.	Submit the calcs, plans, and specs to the CBO, including a copy of the signed and stamped statement from the responsible mech engr certifying compliance with CBC and other applicable codes, with a copy of transmittal to CPM.	At least 30 days prior to start of construction of any HVAC or refig system	Ongoing during construction	WP			

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MECH-03b	CONS	Design and install all HVAC and refrigeration systems within buildings and related structures in accordance with the CBC and other applicable codes. Upon completion of construction of pressure vessels, request the CBO's inspection approval of that construction.	Provide the required written documentation to the CPM.	Monthly	Include in MCR	WP	Ongoing during construction		
NOISE-02	CONS	Throughout the construction and operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints. Noise Complaint Resolution process will be used.	File a Noise Complaint Resolution Form with the City and the CPM documenting resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within 5 days of receiving a noise complaint	As required	NCPA			
NOISE-04a	COMM	Project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to operation of the project alone will not exceed: an hourly average of 45 dBA, measured at or near monitoring locations M1 (approximately 4,250 feet north of the project site boundary) and M2 (approximately 5,500 feet northeast of the project site boundary); an hourly average of 44 dBA, measured at or near monitoring location M3 approximately 7,000 feet southeast of the project site boundary); and an hourly average of 42 dBA, measured at or near monitoring location M4 (approximately 10,000 feet south of the project site boundary). (See condition for additional information.)	Conduct a community noise survey at monitoring location M4, or at a closer location acceptable to the CPM. This survey during the power plant's full-load operation shall also include measurement of one-third octave band sound pressure levels. Conduct a survey of noise at monitoring locations M1, M2, and M3, or at closer locations acceptable to the CPM. The short-term noise measurements at this location shall be conducted during the nighttime hours of 10:00 p.m. to 7:00 a.m.	Within 30 days of project's first achieving a sustained output of 85% or greater of rated capacity	7/12/12	NCPA			
NOISE-04b	COMM	Submit a summary report of the survey to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit, and a schedule, subject to CPM approval, for implementing these measures. When these measures are in place, the project owner shall repeat the noise survey.	Submit required info to the CPM.	Within 15 days after completing noise survey	7/27/12	NCPA			
NOISE-06	CONS	Equip the steam blow piping with a temporary silencer. The project owner shall conduct steam blows only during the hours of 7:00 a.m. to 9:00 p.m.	Submit to the CPM drawings or other information describing the temporary steam blow silencer and a description of the steam blow schedule	At least 15 days prior to the first steam blow	4/16/12	ARB			
NOISE-07a	CONS	Notify all residents or business owners within one mile of the site of the planned steam blow activity, and make the notification available to other area residents in an appropriate manner.	The notification may be in the form of letters to the area residences, telephone calls, fliers or other effective means. The notification shall include a description of the purpose and nature of the steam blow(s), the proposed schedule, the expected sound levels, and the explanation that it is a one-time operation and not a part of normal plant operations.	At least 15 days prior to first steam blow(s)	4/16/12	NCPA			
NOISE-07b	CONS	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.	Provide the required documentation to the CPM.	Within 5 days of notifying entities	4/21/12	NCPA			
PAL-05	CONS	Ensure that the PRS and PRM(s) monitor consistently with the PRMMP, all construction-related grading, excavation, trenching, and auguring in areas where potentially fossil-bearing materials have been identified.	Paleo monitors shall provide monthly summaries for inclusion in MCR.	Monthly	Include in MCR	CH2	Ongoing during construction		
PAL-07	CONS	Ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS to be completed following completion of ground disturbing activities.	Submit the PRR under confidential cover to the CPM.	Within 90 days after completion of ground disturbing activities	9/28/12	CH2			

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SOIL & WATER-01b	CONS	Submit copies to the CPM of all correspondence between the project owner and the CVRWQCB) about the construction SWPPP, including a copy of the NOI.	Submit the required information to the CEC.	Withinin 10 days of receipt	As required	NCPA	Ongoing during construction		
SOIL & WATER-03	CONS	If groundwater is encountered during construction or operation of the LEC, the project owner shall comply with the requirements of the CVRWQCB Order NO. R5-2008-0081 for Waste Discharge Requirements for Dewatering and Other Low threat Discharges to Surface Waters.	Submit a complete Notice of Intent (NOI) to obtain coverage under CVRWQCB Order No. R5-2008-0081. Submit copies to the CPM of all correspondence between the project owner and the CVRWQCB regarding Order No. R5-2008-0081 within 10 days of its receipt or submittal.	Prior to any groundwater discharge or dewatering activities	As required	CH2			All deep excavations are complete
SOIL & WATER-06a	CONS	The project owner shall provide the CPM two copies of the executed Recycled Water Purchase Agreement (agreement) with the COL for the long-term supply (30 – 35 years) of tertiary treated recycled water to the LEC. The agreement shall specify a maximum daily supply of 2.61mgd with a total annual maximum supply of 1,800 AFY. The agreement shall specify all terms and costs for the delivery and use of recycled water by the LEC.	Submit two copies of the executed agreement for the supply and on-site use of recycled water at the LEC.	No later than 60 days prior to connection to City's recycled water pipeline	Complete	NCPA	5/19/10	2010-026	Approved 6/1/10
SOIL & WATER-06b	CONS	The LEC shall not connect to the COL's recycled water pipeline without the final agreement in place and submitted to the CPM. The project owner shall comply with the requirements of Title 22 and Title 17 of the California Code of Regulations and section 13523 of the California Water Code.	The project owner shall submit to the CPM a copy of the Engineering Report and Cross Connection inspection and approval report from the California Department of Public Health prior to the delivery of recycled water from the COL.	Prior to the delivery of recycled water from the COL.	10/30/11	NCPA		12/5/11 2011-026	Pending CEC approval
SOIL & WATER-07a	CONS	The project shall not construct a supply well or extract and use any groundwater therefrom until the SJCEHD issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. Submit a well construction application to the SJCEHD in accordance the City of Lodi (COL) Municipal Code, Title 8, Chapter 8.08. (See condition for specific requirements.)	Send the CPM 2 copies of the water well construction application submitted to the San Joaquin SJCEHD.	No later than 30 days prior to construction of the onsite water supply well	11/1/11	NCPA		9/14/11 2011-018	Approved by CEC on 11/14/11
SOIL & WATER-07b	CONS	Provide written concurrence from the SJCEHD indicating that the proposed well construction activities comply with all county well requirements and meets the requirements established by the county's water well permit program.	Provide CPM with 2 copies of the written concurrence document from the SJCEHD.	No later than 15 days prior to construction of the onsite water supply well	11/16/11	NCPA		9/14/11 2011-018	Approved by CEC on 11/14/11
SOIL & WATER-07c	CONS	Ensure the driller has submitted Well Completion Report for each well installed to CDWR.	Provide a copy of the well completion report to the CPM along with a copy of well drilling logs, water quality analyses, and any inspection reports that may be completed.	No later than 60 days after installation of any water supply well	1/30/12	NCPA			
SOIL & WATER-07d	CONS	Ensure compliance with all county water well standards and requirements during construction.	Provide CPM with 2 copies of all monitoring or other reports required during construction.	As required	As required	NCPA			
SOIL & WATER-07e	CONS	Submit documentation to the CPM and the RWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for project drilling activities were removed in compliance with 23 CCR section 2511(c).	Submit required info to the CPM.	No later than 15 days after completion of well	1/15/12	NCPA			

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SOIL & WATER-08a	CONS	Install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the volume of potable and recycled water supplied to the LEC.	Submit to the CPM evidence that metering devices have been installed and are operational on the potable and recycled pipelines serving the project.	At least 60 days prior to use of any water source for operations	4/1/12	ARB			
STRUC-01a	CONS	Prior to the start of any increment of construction of any major structure or component listed in Facility Design Table 1 of Condition of Certification GEN-2, above, the project owner shall submit to the CBO for design review and approval the proposed lateral force procedures for project structures and the applicable designs, plans, and drawings for project structures. Proposed lateral force procedures, designs, plans, and drawings shall be those for the items listed in the GEN-2 table. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component.	Submit to the CBO the final design plans, specs and cales with a copy of the transmittal letter to the CPM.	At least 60 days prior to start of any structure or component listed in Facility Design Table 1 of GEN-2	8/7/10	WP	Ongoing during construction		Included as part of MCRs
STRUC-01b	CONS	Submit to the CPM 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.	Submit required info to the CPM as part of the MCR.	Monthly	Include in MCR	WP	Ongoing during construction		
STRUC-02	CONS	Submit to the CBO the required number of sets of the documents related to work that has undergone CBO design review and approval related to concrete cylinder strength test reports and pour sign-off sheets, bolt torque and field weld inspection reports, and other reports covering structural activities requiring special inspections in accordance with CBC 2007.	If a discrepancy is discovered in any of the above data, 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. Within five days of resolution of the NCR, submit a copy of the corrective action to the CBO and the CPM. 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, of the reason for disapproval and the revised corrective action necessary to obtain CBO's approval.	As required	As required	WP	Ongoing during construction		NCR Report is included in MCR
STRUC-03	CONS	Submit to the CBO design changes to the final plans required by the 2007 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	Notify the CBO of the intended filing of design changes and shall 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. The project owner shall notify the CPM, via the MCR, when the CBO has approved the revised plans.	Monthly	Include in MCR	WP	Ongoing during construction		
STRUC-04a	CONS	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	Submit to the CBO for design review and approval the final plans, specs, and cales, including a copy of the signed and stamped statement from the responsible engineer certifying compliance with LORS	At least 30 days prior to the start of installation of the tanks or vessels	Ongoing in MCR	WP	Ongoing during construction		Included as part of MCRs
STRUC-04b	CONS	Send copies of the CBO approvals of plan checks to the CPM. Also transmit a copy of the CBO's inspection approvals to the CPM in the MCR following completion of any inspection.	Provide requested info to CPM as part of the MCR.	Monthly	Include in MCR	WP	Ongoing during construction		

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TLSN-01	CONS	Construct the proposed transmission line 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 Pacific Gas and Electric's EMF-reduction guidelines.	Submit to the CPM a letter signed by a CA registered EE affirming that the line will be constructed according to the requirements set forth in the Condition.	At least 30 days prior to starting construction of the t-line or related structures and facilities	6/25/11	NCPA	3/28/11	2011-008	Pending CPM Approval
TLSN-03	COMM	Use a qualified individual to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity along the proposed route. The measurements shall be made before and after energization according to ANSI/IEEE standard procedures. These measurements shall be completed not later than six months after the start of operations.	File copies of the pre-and post-energization measurements with the CPM	Within 60 days after completion of measurements	12/31/11	NCPA			
TLSN-05	CONS	Ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership.	Transmit to the CPM a letter confirming compliance with this condition.	At least 30 days before lines are energized	11/1/11	NCPA	11/20/11	2011-023	Pending CPM Approval
TRANS-02b	CONS	Provide photo/videotape documentation that the damaged sections of Eight Mile Road, North Thornton Road, I-5 Frontage Road, and Cord Road have been restored to their pre-project condition.	Submit info to San Joaquin Planning Department and the CPM	Within 90 days following completion of construction	9/28/12	NCPA			
TSE-01a	CONS	Provide the CPM and CBO with a schedule of transmission facility design submittals, a master drawing list, a master specifications list, and a major equipment and structure list for the components listed in the condition. To facilitate audits by CEC staff, the project owner shall provide designated packages to the CPM when requested.	Provide info to CBO and CPM. Additions and deletions shall be made to the table only with both CPM and CBO approval.	At least 60 days prior to start of construction of the t-line	Included in MCR	WP	Ongoing during t-line construction		
TSE-01b	CONS	Provide schedule updates as part of the MCR.	Include the required documentation in the MCR.	Monthly	Include in MCR	NCPA	Ongoing during t-line construction		
TSE-02a	CONS	Assign an electrical engineer and at least one of each of the following: a civil engineer; geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; a design engineer who is either a structural engineer or a civil engineer and fully competent and proficient in the design of power plant structures and equipment supports; or a mechanical engineer.	Submit names, resumes, quals, and registration numbers of all engineers assigned to the project to the CBO for review and approval. (If any are replaced, new resumes must be submitted.)	At least 30 days prior to start of rough grading	Complete	WP	6/14/10	2010-045	Approved 6/22/10
TSE-02b	CONS	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.	The project owner shall notify the CPM of the CBO's approval of the new engineer	within five days of the approval	As required	NCPA			
TSE-03	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend corrective action. The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and refer to this condition of certification.	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	As required	WP			CEC approved minor relocation of one tower on 6/9/11

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
TSE-04a	CONS	For the power plant switchyard, outlet line and termination, construction shall not begin 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.	Submit to the CBO for review and approval the final design plans, specifications and calculations.	At least 30 days before the start of each increment of construction	Included in MCR	NCPA			CBO has approved all documents for construction
TSE-04b	CONS	The following activities shall be reported in the MCR: A. Receipt Or Delay Of Major Electrical Equipment; B. Testing Or Energization Of Major Electrical Equipment; and C. The Number Of Electrical Drawings Approved, Submitted For Approval, And Still To Be Submitted.	Include the required documentation in the MCR.	Monthly	Include in MCR	NCPA	Ongoing during t-line construction		
TSE-05a	CONS	Design, construct, and operate the proposed transmission facilities in conformance with all applicable LORS, and the requirements listed in the condition (see Items A-I).	Submit the required number of copies of the design drawings and calculations, as determined by the CBO.	At least 60 days prior to start to construction of the transmission facilities	Included in MCR	WP			CBO has approved all documents for construction
TSE-05b	CONS	Provide electrical one-line diagrams signed and sealed by the registered professional electrical engineer in charge, a route map, and an engineering description of the equipment and configurations covered by requirements TSE-5 a) through j),	Submit the requested info to the CBO for approval.	At least 60 days prior to start to construction of the transmission facilities	Included in MCR	NCPA			CBO has approved all documents for construction
TSE-05c	CONS	Provide the final Detailed Facility Study (DFS) including a description of facility upgrades, operational mitigation measures, and/or special protection system sequencing and timing if applicable.	Submit the requested info to the CBO for approval.	At least 60 days prior to start to construction of the transmission facilities	Included in MCR	NCPA			These docs were provided to the CEC during permitting
TSE-05d	CONS	Provide the executed project owner and California ISO facility interconnection agreement.	Submit the requested info to the CBO for approval.	At least 60 days prior to start to construction of the transmission facilities	Included in MCR	NCPA			These docs were provided to the CEC during permitting
TSE-05d	CONS	Provide evidence showing coordination with the affected agencies and utilities including but not limited to Western Area Power Administration and Lodi Electric Utility.	Submit the requested info to the CBO for approval.	At least 60 days prior to start to construction of the transmission facilities	Included in MCR	NCPA			Completed during permitting
TSE-05e	CONS	Inform the CPM and CBO of any impending changes which may not conform to the requirements of TSE-05 and request approval to implement such changes.	Inform the CBO and CPM of any impending changes.	At least 60 days prior to start to construction of the transmission facilities	Included in MCR	WP			No changes
TSE-06	COMM	Provide notice to the Cal-ISO prior to synchronizing the facility with the California transmission system as referenced in items A & B of the condition.	Provide written letter to CAISO 7 days prior to synch and send CPM copy of letter. At least 1 business day before synch, call CAISO's outage coordination department (Monday through Friday, between the hours of 7:00 a.m. and 3:30 p.m. at (916) 351-2300).	One week prior to initial synchronization w/ the grid	3/25/12	NCPA			

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
TSE-07	CONS	Inspect the transmission facilities during and after project construction, and for any subsequent CPM- and CBO-approved changes, to ensure conformance with CPUC General Order 95 or National Electric Safety Code (NESC); Title 8 of the California Code and Regulations (Title 8); Articles 35, 36 and 37 of the High Voltage Electric Safety Orders, California ISO standards, National Electric Code (NEC) and related industry standards. In cases of non-conformance, the project owner shall inform the CPM and CBO, in writing and within 10 days of the discovery of such non-conformance, and the actions that will be taken to correct it.	Transmit to the CPM and CBO: "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in charge; a statement verifying conformity with the standards set forth in Condition; "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in charge or an acceptable alternative verification; and a summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Within 60 days after first synchronization to the grid	2/1/12	NCPA			
VIS-01	CONS	Ensure that construction lighting is used in a manner that minimizes potential night lighting impacts: minimum necessary brightness, shielded/hooded and directed downward, and kept off when not in use.	Notify the CPM that the lighting is ready for inspection. (If complaints are received, provide CPM with a complaint resolution form report and include copy in MCR.)	Within 7 days after first use of construction lighting	Complete	ARB			
VIS-02	CONS	Landscape screening deleted.		None					
VIS-03a	CONS	Ensure that the cooling tower is designed and operated as presented to the CEC during the licensing of the LEC project. The cooling tower shall be designed and operated to meet the plume fogging frequency curve received into evidence as Exhibit 5 at the evidentiary hearing held at the CEC on 1/5/10.	Provide to the CPM for review the final design specifications of the cooling tower to confirm that the fogging frequency curve for the cooling tower cells matches Exhibit 5. The project owner shall not order the cooling tower until notified by the CPM that this design requirement has been satisfied.	At least 90 days prior to ordering the cooling tower	Complete	WP			Approved 7/9/10
VIS-04a	CONS	Design and install all permanent exterior lighting such that (a) lamps and reflectors are not visible from beyond the project site, including any off-site security buffer areas; (b) lighting does not cause excessive reflected glare; (c) direct lighting does not illuminate the nighttime sky; (d) illumination of the project and its immediate vicinity is minimized, and (e) the plan complies with local policies and ordinances.	Contact the CPM to discuss the documentation required in the lighting mitigation plan. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan.	At least 90 days prior to ordering any permanent exterior lighting	2/15/11	WP			
VIS-04b	CONS	Prepare a lighting mitigation plan that includes the specific info set forth in the condition.	Submit to the CPM for review and approval and simultaneously to city of Lodi Community Development Department and San Joaquin County Community Development Department for review and comment.	At least 60 days prior to ordering any permanent exterior lighting	3/15/11	WP	3/18/11	2011-005 and 2011-006	Approved 6/9/11
VIS-04c	COMM	Notify the CPM that the permanent exterior lighting has been completed and is ready for inspection.	Set up an inspection appointment.	Prior to start of commercial operation	5/13/12	ARB			
VIS-05a	CONS	Treat the surfaces of all project structures and buildings visible to the public in accordance with the provisions in the Condition. The transmission line conductors shall be nonspecular and nonreflective; and the insulators shall be nonreflective and nonrefractive. The project owner shall not specify to the vendors the treatment of any buildings or structures treated during manufacture, or perform the final treatment on any buildings or structures treated in the field, until the project owner receives notification of approval of the treatment plan by the CPM. Subsequent modifications to the treatment plan are prohibited without CPM approval.	Submit a specific surface treatment plan to the CPM for review and approval that addresses all the items in the Condition, and simultaneously to the city of Lodi Community Development Department and San Joaquin County Community Development Department for review and comment.	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	Complete	ARB	10/27/10	2010-065	Approved 12/10/10

Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Respons. Party	Date sent to CEC, CBO or agency	NCPA Log #	CEC Status
VIS-05b	COMM	Notify the CPM that the surface treatment of all listed structures and buildings has been completed and is ready for inspection and submit electronic color photographs taken from the same KOPs	Set up an inspection appointment.	Prior to start of commercial operation	5/13/12	NCPA			
WASTE-03	CONS	If potentially contaminated soil is identified during site characterization, excavation, or grading at either the proposed site or linear facilities, as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Professional Engineer or Professional Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of DTSC, and the CPM stating the recommended course of action.	Submit any final reports filed by the Professional Engineer or Professional Geologist to the CPM. Project owner must notify the CPM within 24 hours of any orders issued to halt construction.	Within 5 days of their receipt	As required	NCPA	Ongoing during construction		
WASTE-04	CONS	Obtain a hazardous waste generator identification number from the United States Environmental Protection Agency prior to generating any hazardous waste during construction and operations.	Keep a copy of the identification number on file at the project site and provide the number to the CPM in the next MCR.	Prior to generating any haz waste	Ongoing	ARB	10/27/10	emailed	Approved 10/27/10
WASTE-05	CONS	Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, 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 manner in which project-related wastes are managed.	As required	Within 10 days of becoming aware of action	NCPA	Ongoing during construction		
WASTE-06a	COMM	Prepare an Operations Waste Management Plan for all wastes generated during construction of the facility that meets the requirements defined in the condition.	Submit plan to the CPM for review and approval. See Final Decision WASTE-5 for plan requirements.	No less than 30 days prior to start of project operation	5/3/12	NCPA			
WASTE-08	CONS	Ensure that all spills or releases of hazardous substances, hazardous materials, or hazardous waste are reported, cleaned-up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements.	Provide documentation as set forth in the verification language of the condition to the CPM. Copies of the unauthorized spill documentation shall be provided to the CPM within 30 days of the date the release was discovered.	As required	As required	ARB	6/15/11	2011-011	Pending CPM Approval
WORKER SAFETY-02	COMM	Prepare and submit an O&M Safety & Health Plan containing: an IIPP, EAP, HMMP, FPP, and PPE.	The Operations IIPP, EAP, PPE shall be submitted to the CEC CPM for review and comment; the EAP and FPP shall also be submitted to the Woodbridge Fire Protection District for review and comment. Provide a copy of a letter to the CPM from the Woodbridge Fire Protection District stating the fire department's comments on the Operations Fire Prevention Plan and Emergency Action Plan.	At least 30 days prior to first fire or commissioning	10/15/11	NCPA		10/20/11 2011-020	Pending CEC approval
WORKER SAFETY-03a	CONS	Provide a site Construction Safety Supervisor (CSS) who will perform the duties set forth in the Condition.	Submit to CPM the name and contact info for the construction safety supervisor.	At least 30 days prior to site mobilization	Complete	ARB	6/22/10	Submitted J. Selvey under 2011-002	
WORKER SAFETY-03b	CONS	The CSS shall prepare and submit a monthly safety inspection that includes the info specified in the verification language of the condition.	Submit required info to the CPM.	Monthly	Include in MCR	CBO	Ongoing during construction		
WORKER SAFETY-04b	CONS	The CBO Safety Monitor shall be responsible for verifying that the construction safety supervisor implements all required Cal/OSHA and CEC safety requirements.	Submit the CBO Safety Monitor's report as part of the MCR.	Monthly	Include in MCR	CBO	Ongoing during construction		

Exhibit 7

AQCMM Monthly Report



NCPA LODI ENERGY CENTER

Lodi California

November 2011 AQCM / SWPPP Monthly Report

General Progress:

The month of November was cold with temperatures in the 50's and 60's most of the time. The weather was dry with either high north winds or fog. ARB's water truck was run full time for dust control on-site and in the lay down yards. There have not been any complaints from the neighbors or NCPA about dust events.

The pipefitter's main focus of work has been the pipe in the utility bridges and the equipment and pipe in the Water Treatment Building. The only possible dust producing activities associated with this work has been the transporting of material from the lay down yards to the site. The water truck has been used to keep the paved roads clean and the on-site roads wet to prevent dust. On days with north winds the water truck was used throughout the site to keep all dirt surfaces wet to prevent dust.

The civil crew continued to excavate for and install foundations throughout the site. As more foundations are completed then the possibility of dust events becomes less. Even during times of high winds dust was not a problem.

ARB decreased its number of large equipment units on site and will continue to do so for the balance of the project. NCPA's subcontractors either brought their equipment into compliance or received waivers from the Tier 3 requirements. SPX was able to secure Tier 3 equipment from their suppliers and did so. Paso Robles Tank was not able to find a rental company with Tier 3 equipment and obtained letters from Ahern Rentals and Sunbelt Rental Company stating that they did not have any Tier 3 compliant equipment available at this time. Copies of their e-mails are attached to this report.

SWPPP:

During the month of November, the site had experienced two rain events. For the month, there was a total of 0.37 inches of rain.

There were no samples taken as all BMPs were maintained and properly implemented.

Copies of any of the inspection reports are available upon request for review from Jaime Pena

This report has been prepared by:

Jeff Latham

ARB, Inc

Project Engineer/AQCMM

Jaime Pena

ARB, Inc.

Field Engineer

Andrea Grenier

From: Christi Rodriguez <crodriguez@a-c-e-inc.com>
Sent: Tuesday, November 29, 2011 1:41 PM
To: Michael DeBortoli; Randy Gordon; Neher, Steven G (Sacramento); Preston Brumley; Desiree Brumley; dibarraACE@gmail.com; Jim Wiggins; Jim Wiggins; Larry Wombles
Cc: Selvey, Jay (Lodi); Stephen L. Ellington; King, Marilyn R (Sacramento); Jellison, Roger W (E F ES EC AMER CONS)
Subject: RE: Lodi Energy Center - Tier 3 Compliance

Dear Mr. DeBortoli, see attached documentation from Ahern Rentals and Sunbelt regarding tier 3 rentals for the equipment we have on site.

-----Original Message-----

From: John White [<mailto:JOHNGW@ahern.com>]
Sent: Tuesday, November 29, 2011 11:46 AM
To: Christi Rodriguez
Subject: Tier 3 info

Lodi energy center project

Christi,
Per our conversation,
We currently do not have any tier 3 equipment in our fleet per your last request.
Our fleet is mostly tier 2 and as economy turns around new equipment will be bought having tier 3 specs.
Hope this helps
Thanks
John white

Thank You
John White
626-255-1171

From: "Joe Echevarria, Key Accounts"
<Joe.Echevarria@sunbeltrentals.com<mailto:Joe.Echevarria@sunbeltrentals.com>>
Date: November 29, 2011 11:47:12 AM PST
To: Danny Escalante
<danny.escalante@sunbeltrentals.com<mailto:danny.escalante@sunbeltrentals.com>>
Subject: Tier 3 Equipment Northern California

Danny,

I have checked with the local stores and at this time we do not have any Tier 3 units available in the northern California district nor do I see any coming available in the foreseeable future. If by chance something does break loose I will call you immediately.

Thanks,

Joe Echevarria | Sunbelt Rentals, Inc. | Key Accounts Coordinator Making It Happen For Our Customers!
3900 Race St. | Fort Worth, TX. 76111
T: 817-302-1300 | C: 682-647-5098 | F: 817-302-1245
joe.echevarria@sunbeltrentals.com<<mailto:youreemail@sunbeltrentals.com>>

DANNY MY INSIDE SALES MAN (909) 322-6137

Christi Rodriguez
Purchase Agent

ASSOCIATED CONSTRUCTION & ENGINEERING INC.

Paso Robles Tank Inc.
Canyon Springs Enterprises Inc.
West Coast Industrial Coatings Inc.
825 26th Street
Paso Robles CA 93446

SAFETY + QUALITY = PRODUCTION

Phone 805-227-1641 ext 13

Fax 805-238-9654

e-mail: crodriguez@a-c-e-inc.com

Company E-mail: www.Pasorablestank.com

From: Michael DeBortoli [<mailto:Michael.DeBortoli@ncpagen.com>]

Sent: Tuesday, November 29, 2011 11:20 AM

To: Randy Gordon; 'Neher, Steven G (Sacramento)'; Preston Brumley; Desiree Brumley; dibarraACE@gmail.com; Jim Wiggins; 'Jim Wiggins'; Larry Wombles; Christi Rodriguez

Cc: 'Selvey, Jay (Lodi)'; 'Stephen L. Ellington'; 'King, Marilyn R (Sacramento)'; 'Jellison, Roger W (E F ES EC AMER CONS)'

Subject: RE: Lodi Energy Center - Tier 3 Compliance

If the equipment is not available from rental firms, we can work with that. The State of California condition below allows Tier 2 if there is at least two rental firms that can provide documented correspondence that Tier 3 is not available. Based on your response that you have tried to get Tier 3, but were told it was unavailable, you should be able to get the necessary documentation from those vendors, and then provide the necessary signed letter from your firm, and we should be able to continue with the Tier 2.

Is there any issues or concerns with providing the necessary documentation? We will need a commitment immediately with documentation to follow in the next day.

From the state of CA...

All construction diesel engines with a rating of 50 hp or higher shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1), unless a good faith effort that is certified by the on-site AQCMM demonstrates that such engine is not available for a particular item of equipment. This good faith effort shall be documented with signed written correspondence by the appropriate construction contractors along with documented correspondence with at least two construction equipment rental firms. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NOx) and diesel particulate matter (DPM) to no more than Tier 2 levels unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types.

Michael DeBortoli

Northern California Power Agency

A Public Agency

651 Commerce Drive

Roseville, CA 95678-6420

(916) 521-0047 Phone

www.ncpa.com

From: N. Randy Gordon [mailto:rgordon@pasoroblestank.com]

Sent: Tuesday, November 29, 2011 11:03 AM

To: 'Neher, Steven G (Sacramento)'; 'Preston Brumley'; 'Desiree Brumley'; dibarraACE@gmail.com; jwiggins@a-c-e-inc.com; 'Jim Wiggins'; Larry Wombles; CRodriguez@a-c-e-inc.com

Cc: Michael DeBortoli; 'Selvey, Jay (Lodi)'; 'Stephen L. Ellington'; 'King, Marilyn R (Sacramento)'; 'Jellison, Roger W (E F ES EC AMER CONS)'

Subject: RE: Lodi Energy Center - Tier 3 Compliance

Mr. Neher:

(sic) "Because of the continuing effects of the economy on industries that use off-road diesel vehicles, in particular the construction industry, and because ARB currently lacks authorization from the United States Environmental Protection Agency to enforce certain aspects of the regulation, effective immediately, no enforcement action will be taken for noncompliance with the specific provisions of the regulation described in Item I below. In addition, during this enforcement delay, fleets will not be retroactively cited for noncompliance with these provisions. This enforcement delay will remain in place until U.S. EPA grants authorization to California to enforce all provisions of the regulation. At that time, ARB will provide fleets with up to an additional 6 months to comply with all requirements, as we've done previously with other regulations." – California Air Resources Board; Advisory 10-414 dated May 2011. (Attachment)

There has been no reluctance; WCIC has been making every effort to comply with your request by seeking out replacement rental equipment that is deemed Tier 3 compliant, with little to no luck. Our purchasing agent, Ms. Christie Rodriguez, has placed many calls to rental firms, seeking out replacements, but has been met with, "We have Tier 2, but anything we have that is Tier 3 is out." In every instance. The manlift and forklift (Rentals from Sunbelt) in question are permitted thru CARB and meet Tier 2 requirements. Tier 3 is not a contract requirement, nor is it enforceable as California cannot trump Federal (US EPA) Law in this matter. WCIC is breaking no laws, is in full compliance with the contract requirements, and has made every effort to comply with your firm's verbal, and now written, request.

This request is viewed as additional and extra work by WCIC, and thus far, no request for additional compensation or time has been proposed by WCIC. Should your firm elect to "Stop work tomorrow morning.", as threatened, the response from WCIC will be in the form of a Notice of Potential Claim, seeking damages for disruption and delay. We have just a few days left on site which would require the use of the rental equipment concerned. My suggestion to you and your firm is; seek out and provide replacements that meet your perception of what is contractually required at no additional cost to WCIC or re-review your position on what is or is not required here. WCIC has been very cooperative with this project's staff and it's requests, many of which have cost our firm additional time and expense e.g. working weekends on overtime at our peril to accommodate your site personnel, changing abrasives, at our peril, to accommodate your site personnel, etc.

I have been very cooperative and find your email threatening and disturbing.

Please review and advise of your intentions.

Respectfully,

ASSOCIATED CONSTRUCTION & ENGINEERING INC.

RSH Construction Inc. / Canyon Springs Enterprises Inc.

Paso Robles Tank Inc.

West Coast Industrial Coatings Inc.

N. Randy Gordon, Vice President of Operations

NACE Certified Coatings Inspector #13566

From: Neher, Steven G (Sacramento) [mailto:Steven.Neher@WorleyParsons.com]

Sent: Tuesday, November 29, 2011 9:34 AM

To: Preston Brumley; Randy Gordon; Desiree Brumley

Cc: Michael DeBortoli; Selvey, Jay (Lodi); Stephen L. Ellington (stellington@gmail.com); King, Marilyn R (Sacramento); Jellison, Roger W (E F ES EC AMER CONS) (roger.jellison@siemens.com)

Subject: Lodi Energy Center - Tier 3 Compliance

Importance: High

Gentlemen:

Our site safety/environmental supervisor has been working with your field personnel for 2 weeks now seeking Paso Robles' compliance with the State of California's Tier 3 requirements. At this time there are two (rented) machines on site, a manlift and a forklift that do not comply. It is usually a simple matter of insisting that the rental company exchange the machines for compliant equipment. We do not understand the reluctance of Paso Robles to comply with this State regulation (required by the General Conditions of the Contract), but if Paso Robles does not provide positive evidence of even intent of complying with these State regulations by end of work today we shall be forced to stop work tomorrow morning.

Regards,

Steve Neher

Lodi Energy Center

Site Construction Manager

Office: 209-210-5346

Cell: 843-901-9077

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Lodi Energy Center
Summary of Diesel Construction Equipment Mitigation Determinations

Month November 2011

Equipment Make and Model	Engine Make, Model & Rating	Tier 3 Engine (yes/no)	Tier 2 Engine (yes/no)	Tier 1 Engine (yes/no)	Days Expected Onsite	Excess Oil Consumption Expected (yes/no)	Adequate Exhaust Temperature (yes/no)	Adequate Installation Space (yes/no)	Is There An ARB Certified DPF for this Engine (yes/no)	Mitigation Determination(ULSFO, Tier 3/2/1 engine, DPF, nox control)
2008 JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	NA	Tier 3
2007 JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	NA	Tier 3
2007 JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	NA	Tier 3
Caterpillar 420E Backhoe	Caterpillar, C4.4, 99.9 HP	yes				no	yes	NA	NA	Tier 3
Terex RT780 Crane	Cummins QSB 5.9, 275 HP		yes			no	yes	NA	yes	DPF Level 3 Plus Device Installed
Linkbelt RTC 8090 Series II 90 Ton Crane	Caterpillar C6.6, 221 HP	yes				no	yes	NA	yes	Tier 3
JLG 800AJ Manlift	Deutz D2011L04i, 62 HP	Tier 4 Interim				no	yes	NA	NA	Tier 4 Interim
JLG Skytrak 10054	Cummins QSB 4.5T, 110 HP	yes				no	yes	NA	yes	Tier 3
Caterpillar TL1055 Forklift	Caterpillar C4.4 ACERT,	yes				no	yes	NA	NA	Tier 3

Lodi Energy Center
Summary of Diesel Construction Equipment Mitigation Determinations

Month November 2011

Equipment Make and Model	Engine Make, Model & Rating	Tier 3 Engine (yes/no)	Tier 2 Engine (yes/no)	Tier 1 Engine (yes/no)	Days Expected Onsite	Excess Oil Consumption Expected (yes/no)	Adequate Exhaust Temperature (yes/no)	Adequate Installation Space (yes/no)	Is There An ARB Certified DPF for this Engine (yes/no)	Mitigation Determination(ULSFO, Tier 3/2/1 engine, DPF, nox control)
Caterpillar TH255 Forklift	Caterpillar C4.4, 83.8 HP	yes				no	yes	NA	NA	Tier 3
MQ DCA-300SSK4 Generator	Komatsu SAA6D125 5E-5, 420	yes				no	yes	NA	NA	Tier 3
Airman SDG 150S Generator	Isuzu BH-6HK1X, 240 HP	yes				no	yes	NA	NA	Tier 3
Skyjack VR-1056D Forklift	Cummins QSB8.6, 110 HP	yes				no	yes	NA	NA	Tier 3
Genie Z-135 Manlift	Deutz TD 2011 L04I, 74HP	yes				no	yes	NA	NA	Tier 3
JLG 1250AJP Manlift	Deutz TD2011L04 , 75 HP	yes				no	yes	NA	yes	Tier 3
Genie S-85 Manlift	Deutz TD2011L04 , 75 HP	yes				no	yes	NA	yes	Tier 3

November fuel delivery to the Lodi job site:
Clear on-road diesel – 655 gallons
Red off-road diesel – 2584



... Excellent customer service drives our business!

Karen Lewallen
Isleton Plant Manager

karenl@ramosoil.com
www.ramosoil.com

Ramos Oil Company, Inc.
1st Street / Highway 160
Isleton CA 95641
Tel: (916) 777-5545
Fax: (916) 777-5859
Mobile: (916) 997-6823

Record Keeping Form

Month: Nov
2011

FORM A - Area Water Application

Project Location: Lodi Power Plant City: _____ Size: _____ (Miles/Acres)

Owner: NCPA Address _____ City: Lodi Zip _____

Contact Person: _____ Title: _____ Phone: () - _____

Watering Schedule

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

Area treated: Job Site & Laydown yards

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1			11-7 3 6000	11-8 4 8000	11-9 3 6000	11-11 0	11-12 0
2	11-13 0 0	11-14 0 0	11-15 2 4000	11-16 1 2000	11-17 2 4000	11-18 1 2000	11-19 0
3	11-20 0 0	11-21 2 4000	11-22 2 4000	11-23 2 4000	11-24 2 4000	11-25 2 4000	11-26 0
4	11-27 0 0	11-28 2 4000	11-29 1 2000	11-30 1 2000	11-31 0 0	11-31 0 0	11-31 0 0
5	11-31 0 0	11-31 1 2000	11-31 1 2000	30 2 4000			

Area treated: _____

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1							
2							
3							
4							
5							

Exhibit 8

Resource Specialists' Monthly Reports

Biological Resources
Mitigation Monitoring for the
Lodi Energy Center Project

MONTHLY COMPLIANCE REPORT (BIO-2)

November 2011

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Lodi Energy Center

MONTHLY COMPLIANCE REPORT

November 2011

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INTRODUCTION

The Lodi Energy Center (LEC) project site is on 4.4 acres of land owned and incorporated by the City of Lodi, 6 miles west of the Lodi city center. The site is located adjacent to Interstate-5 approximately 1.7 miles south of State Route 12. On the east side of the site is the City of Lodi's White Slough Water Pollution Control Facility (WPCF). The WPCF's treatment and holding ponds are located to the north. To the west is the 49-megawatt Northern California Power Agency (NCPA) Combustion Turbine Project (STIG Plant), and further to the west is the Pacific Gas and Electric Company (PG&E) overhead 230 kilovolt electric transmission line. The San Joaquin County Mosquito and Vector Control facility is located south of the project site.

Originally, construction of the LEC facility would require the use of four laydown areas totaling 9.8 acres; Area A consisted of 3.1 acres, Area B consisted of 2.2 acres, Area C consisted of 1.6 acres, and Area D consisting of 2.9 acres. On July 2, 2010, NCPA filed a petition with the California Energy Commission (CEC) requesting the additional use of 9.4 acres of construction laydown and parking areas. The requested areas will add 0.7 acres to the existing 3.1 acre laydown Area A, add an additional 6.1 acre laydown area known as Area E which is directly north of the frontage entrance to the LEC project site and an additional 2.6 acre laydown area known as Area F. On August 9, 2010, the CEC staff included as part of the project the requested additional laydown areas contingent on mitigating the impacts to the additional acres through the San Joaquin County Multi-Species Habitat Conservation & Open Space Plan (MSHCP) for the fee of \$48,229.50. NCPA paid the use fee to the MSHCP and the additional laydown areas were released for use by the CEC on September 13th, 2010.

Initially, the construction of the LEC gas pipeline as permitted required a 35-foot construction right-of-way which would affect approximately 3.55 acres of agricultural land. The original 3.55 acres was mitigated along with other project impacts through the MSHCP by NCPA acquiring 21.25 acres which was placed in a conservation easement that the San Joaquin County Council of Governments (SJCOG) would oversee in perpetuity. After further project review the gas pipeline was redesigned by PG&E and an additional 5.37 acres of right-of-way was determined to be required. Therefore, on July 15, 2011 NCPA submitted a request to the MSHCP for an additional 5.37 acres of mitigation credits to cover impacts to agricultural land, the fee for this transaction was \$71,216.94. On October 8, 2011 the additional mitigation fee was paid to the MSHCP finalizing the mitigation requirement. As required for all project description changes or acreage impact changes the CEC was notified of the proposed change on July 19, 2011 when it was presented as a modification to the project description. On September 29, 2011 the CEC approved the project description modification and the new gas pipeline began construction during the month of October, 2011.

Biological monitoring for the month of November included monitoring the 4.4-acre power generation facility, the 19.2 acre laydown areas and the natural gas pipeline right-of-way.

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Mitigation measures for the LEC project site were developed through consultation with the California Energy Commission (CEC), and the SJCOG which oversees the MSHCP. Documentation of compliance with any conditions of the agency permits will be included when used on the project.

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

BIO-9, employing giant garter snake (GGS) mitigation measures like sediment/animal fencing protecting sensitive areas, every worker participating in the WEAP program, and the Designated Biologist monitoring any disturbance within GGS habitat for giant garter snake protection insured that BIO-9 was in compliance during the month of November 2011.

BIO-10, burrowing owl mitigation measures like pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly site visits insured that BIO-10 was in compliance during the month of November 2011.

BIO-11, Swainson's hawk (SWHA) mitigation measures like pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly site visits insured that BIO-11 was in compliance during the month of November 2011.

BIO-12, migratory bird mitigation measures like pre-disturbance surveys, every worker participating in the WEAP program and the Designated Biologist making weekly site visits insured that BIO-12 was in compliance during the month of November 2011.

BIO-13, northwestern and western pond turtle mitigation measures like sediment/animal fencing protecting sensitive areas, every worker participating in the WEAP program, and the Designated Biologist monitoring any disturbance within pond turtle habitat insured that BIO-13 was in compliance during the month of November 2011.

SUMMARY OF ACTIVITIES

This report provides a summary of November 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

November LEC project site activities consisted of concrete pouring, underground piping installation, welding, and construction of the HRZG stack, as well as continuing construction on the plant's foundations and electrical pathways. Construction of the natural gas pipeline was ongoing during the month of November and monitoring for the pipeline was performed on an as needed basis.

Monitoring visits were conducted periodically to document permit compliance.

WORKER ENVIRONMENTAL AWARENESS TRAINING

The WEAP program was developed exclusively for the LEC 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.

Twenty-nine (29) personnel received WEAP training in November for a total of 1235 employees trained at LEC since the project started. An ARB Safety and Compliance Manager administered

the WEAP training to new employees as well as the LEC Designated Biologist and Biological Monitor. Signed affidavits are kept on file by the ARB Safety and Compliance Manager and the NCPA Compliance Manager.

GENERAL DAILY NOTES AND OBSERVATIONS

During the month of November daily Biological Monitoring was not required. Project biological oversight was covered by the Designated Biologist (DB) Rick Crowe or the Biological Monitors (BM) Dan Williams or Victor Leighton. The monitoring efforts for the month of November are documented below;

November 1st, the DB was on site to briefly monitor the gas pipeline activities which consisted of continued saw cutting, excavating and stringing pipe along Armstrong Road. During this site visit the LEC gas pipeline construction was in compliance.

November 3rd, the DB received a call late in the afternoon from ARB Safety Manager Mac concerning the observation of a bat in the water treatment building. The DB instructed Mac to not bother the bat and that the DB would be on site first thing in the morning to check on the bat observation.

November 4th, the DB was on site at 6:30 am to look for the reported bat in the water treatment building. Based on observations gathered from the workers; the bat was observed flying out of the building at dusk on the evening of the 3rd. The DB proceeded to perform a compliance spot check of the LEC construction and gas pipeline construction while on site. During this site visit the DB inspected all sensitive areas for implementation of mitigation measures and interfaced with key construction personnel concerning potential upcoming construction issues. During this site visit the LEC project was in compliance.

November 8th, the DB was on site to briefly monitor the gas pipeline activities which consisted of continued saw cutting, excavating and stringing pipe along Armstrong Road, (Photos 1 and 2). During this site visit the LEC gas pipeline construction was in compliance.

November 14th, the DB was on site to monitor the gas pipeline activities (Photo 4) and to perform a compliance spot check on the LEC construction (Photos 5, 6 and 7). In preparation for the pipeline work to begin in the field just west of North Devries Road the DB surveyed the pipeline right-of-way and observed a single burrowing owl (*Athene cunicularia*) adjacent to the off loaded gas pipe, (Photo 3). The burrowing owl was observed crouched down in an earthen depression, when approached the owl flew off of the right-of-way to the north where it was originally observed over the last several months. Inspection of the area where the owl was observed showed no sign of a burrow but did have some white wash around the area and appeared to be created by erosion from field flooding farming practices. During this site visit the DB inspected all sensitive areas for implementation of mitigation measures and interfaced with key construction personnel concerning potential upcoming construction issues. During this site visit the LEC project site and pipeline construction was in compliance.

November 15th, the DB was on site to follow-up on the burrowing owl sighting of the previous day. The DB observed the owl in the same area that it was previously observed in and when approached the owl flew to the north as before. The DB observed that some of the tape was falling off the ends of the pipe so the DB taped all of the pipe ends shut to detour the owl from

taking up residence within one of the pipes, (Photo 8). During this site visit the LEC gas pipeline construction was in compliance.

November 16th, the DB was on site to briefly monitor the gas pipeline activities which consisted of saw cutting, excavating and stringing pipe along North Devries Road, (Photo 11). Also during this site visit the DB checked on the burrowing owl in the pipeline right-of-way and observed the owl on a small berm adjacent to the off loaded pipe, (Photo 9). When this owl was approached it flew off the right-of-way to the north. The DB inspected the area 500-feet north of the right-of-way where the owls were originally observed and observed a different burrowing owl in this location, (Photo 10). During this site visit the LEC gas pipeline construction was in compliance.

November 17th, the DB was on site to briefly monitor the gas pipeline activities which consisted of continued saw cutting, excavating, BMP installation and stringing pipe along North Devries Road, (Photo 13). Also during this site visit the DB checked on the burrowing owl in the pipeline right-of-way and observed the owl on a small berm adjacent to the off loaded pipe, (Photo 14). When this owl was approached it flew off the right-of-way to the north. The DB inspected the area 500-feet north of the right-of-way where the owls were originally observed and observed a different burrowing owl in this location, (Photo 12). During this site visit the LEC gas pipeline construction was in compliance.

November 18th, the DB was on site to monitor the gas pipeline activities (Photos 15 and 16) and to meet with the CEC Project Manager Ms. Christine Stora to perform a compliance check on the LEC site and gas pipeline construction. Both project sites were toured and found in compliance during this visit. In the afternoon the DB checked on the burrowing owl that had been observed in a depression north of the off loaded pipe. Again the owl was observed in the depression and when approached it was observed flying off to the north. Based on these continued observations the DB felt that this shallow depression was a satellite burrow which is used to hide and forage for food when the owls are away from their main burrows to the north. After the owl flushed and flew off to the north the DB backfilled the depression with dirt from the surrounding field optimistic that this would keep the owls out of the pipeline right-of-way during trenching.

November 21st, the DB was on site to monitor the gas pipeline activities and to perform a compliance spot check on the LEC site construction. In the morning the DB checked the pipeline route for sign of burrowing owls; one owl was observed 500-feet north of the pipeline right-of-way the other owl was not observed within the right-of-way or off of it. While surveying the pipeline right-of-way the DB observed a large red-tailed hawk (*Buteo jamaicensis*), (Photo 17) perched on a right-of-way stake and a ferruginous hawk (*Buteo regalis*), (Photo 18) in the field adjacent to the pipeline right-of-way. In the afternoon the DB returned to the pipeline right-of-way and again observed one burrowing owl 500-feet north of the right-of-way and no other sign of burrowing owl was observed. During this site visit the LEC project site and pipeline construction was in compliance.

November 22nd, the DB was on site to briefly monitor the gas pipeline activities which consisted of saw cutting, excavating and stringing pipe along North Devries Road and trenching in the field just west of North Devries Road. The DB observed a single burrowing owl 500-feet north of the pipeline right-of-way (Photo 19), no other burrowing owls were observed during this site visit. During this site visit the LEC gas pipeline construction was in compliance.

November 25th, the DB was on site to briefly monitor the gas pipeline activities which consisted of saw cutting, excavating and stringing pipe along North Devries Road and trenching in the field just west of North Devries Road. The DB observed a single burrowing owl 500-feet north of the pipeline right-of-way (Photo 20), no other burrowing owls were observed during this site visit. During this site visit the LEC gas pipeline construction was in compliance.

November 28th, the DB was on site to monitor the gas pipeline activities and to perform a compliance spot check on the LEC site construction. Pipeline construction consisted of right-of-way clearing in the field just west of North Devries Road (Photo 21). In the morning the DB checked the pipeline route for sign of burrowing owls; a single burrowing owl was observed 250-feet south of the pipeline right-of-way (Photo 22) when approached the owl flew off to the west. A second burrowing owl was observed 500-feet north of the pipeline right-of-way (Photo 23). No burrowing owls were observed within the pipeline right-of-way. The DB also performed a compliance spot check on the LEC construction (Photo 24). During this site visit the LEC project site and pipeline construction was in compliance.

November 29th, the DB was on site to monitor the dirt work for the gas pipeline. The DB checked on the burrowing owls and observed one owl 250-feet south of the right-of-way (Photo 25) and a second owl 500-feet north (Photo 26). Pipeline work consisted of right-of-way clearing, wheel trenching (Photos 27 and 28) and pipe stringing (Photo 31 and 32). While monitoring the pipeline activities the DB was contacted by Jeremy a PG&E employee concerning a common king snake (*Lampropeltis getulus*) that had been unearthed by the trencher (Photo 29). The DB captured the king snake and safely relocated it off site (Photo 30). In the afternoon the DB checked on the burrowing owls that are off the right-of-way and observed one owl in a burrow 400-feet north of the pipeline right-of-way (Photo 34) and a second owl 500-feet north of the right-of-way (Photo 33). Just before leaving the site the DB was contacted by Jake the trencher oiler concerning his observation of a gopher snake () 20-feet north of the pipeline right-of-way. The DB inspected the dead gopher snake and it appeared from its injuries that it may have been dropped by a large raptor (Photo 35). The gopher snake had numerous cuts and abrasions and was missing its head. For more information on wildlife observations see Appendix C Wildlife Observation Forms. During this site visit the LEC gas pipeline construction was in compliance.

November 30th, the DB was on site to monitor the dirt work for the gas pipeline. The DB checked to open trench line prior to work beginning for the day and observed a common king snake in the trench (Photo 36). For more information on the king snake observation see Appendix C Wildlife Observation Forms. The DB captured the king snake and released it safely off site (Photo 37). The DB checked on the burrowing owls and observed one owl 500-feet north of the pipeline right-of-way (Photo 38) and a second owl 400-feet north of the pipeline right-of-way. Pipeline construction consisted of trenching, pipe welding (Photo 40) and pipe stringing. During this site visit the LEC gas pipeline construction was in compliance.

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

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
• BIRDS		
Canada goose	<i>Branta canadensis</i>	WPCF ponds, single individual captured and taken to Wildlife Care October 2010.
Cackling goose	<i>Branta hutchinsii</i>	Fly over
Snow goose	<i>Chen caerulescens</i>	Fly over
Gadwall	<i>Anas strepera</i>	WPCF ponds
Mallard	<i>Anas platyrhynchos</i>	WPCF ponds, nest in laydown area A 2011.
Northern pintail	<i>Anas acuta</i>	WPCF ponds
Northern shoveler	<i>Anas clypeata</i>	WPCF ponds
Cinnamon teal	<i>Anas cyanoptera</i>	WPCF ponds
Green-winged teal	<i>Anas crecca</i>	WPCF ponds
Lesser scaup	<i>Aythya affinis</i>	WPCF ponds
Bufflehead	<i>Bucephala albeola</i>	WPCF ponds
Ruddy duck	<i>Oxyura jamaicensis</i>	WPCF ponds
Ring-necked pheasant (Exotic)	<i>Phasianus colchicus</i>	WPCF ponds
Pied-billed grebe	<i>Podilymbus podiceps</i>	WPCF ponds
Eared grebe	<i>Podiceps nigricollis</i>	WPCF ponds
Horned grebe	<i>Podiceps auritus</i>	WPCF ponds
American white pelican	<i>Pelecanus erythrorhynchos</i>	WPCF ponds
Double-crested cormorant	<i>Phalacrocorax auritus</i>	WPCF ponds
Great blue heron	<i>Ardea herodias</i>	Canal and WPCF ponds
Great egret	<i>Ardea alba</i>	Canal and WPCF ponds
Snowy egret	<i>Egretta thula</i>	WPCF ponds, one individual observed dead adjacent to t-line along southern portion of project site August 2010.
Green heron	<i>Butorides virescens</i>	Canal
Black-crowned night-heron	<i>Nycticorax nycticorax</i>	Canal
White-faced ibis	<i>Plegadis chihi</i>	WPCF ponds
Turkey vulture	<i>Cathartes aura</i>	Fly over
White-tailed kite	<i>Elanus leucurus</i>	Pipeline route
Northern harrier	<i>Circus cyaneus</i>	Pipeline route
Cooper's hawk	<i>Accipiter cooperii</i>	Fly over
Sharp-shinned hawk	<i>Accipiter striatus</i>	Fly over
Red-shouldered hawk	<i>Buteo lineatus</i>	Hunting along canal
*Red-tailed hawk	<i>Buteo jamaicensis</i>	Pipeline route and laydown areas
Swainson's hawk	<i>Buteo swainsoni</i>	One individual observed dead from collision with fence, Sept. 2010. Pair observed nesting in employee parking lot April 2011.

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
*Ferruginous hawk	<i>Buteo regalis</i>	Observed one hawk on gas pipeline right-of-way November 2011.
American kestrel	<i>Falco sparverius</i>	Laydown areas
Merlin	<i>Falco columbarius</i>	Perched along entrance road, 11/30/10
Peregrine falcon	<i>Falco peregrinus</i>	Hunting WPCF ponds
Prairie falcon	<i>Falco mexicanus</i>	Fly over, 11/9/10
Barn owl	<i>Tyto alba</i>	Dead individual observed near Safety trailer, 11/8/10.
*Burrowing owl	<i>Athene cunicularia</i>	One individual observed 500-feet north of gas pipeline right-of-way, 10/13/11. Two individuals observed 400 and 500-feet north of the pipeline right-of-way.
American coot	<i>Fulica americana</i>	WPCF ponds
Sandhill crane	<i>Grus canadensis</i>	Fly over
Black-bellied plover	<i>Pluvialis squatarola</i>	Pipeline route and WPCF ponds
Pacific golden-plover	<i>Pluvialis fulva</i>	WPCF ponds
Killdeer	<i>Charadrius vociferus</i>	Canal, laydown areas, pipeline route, and WPCF ponds. Nest in switchyard 2010. Nest in northern portion of power block, failed 2011. Nest in Laydown Area A predated, April and May 2011.
Semipalmated plover	<i>Charadrius semipalmatus</i>	WPCF ponds
American avocet	<i>Recurvirostra americana</i>	WPCF ponds
Black-necked stilt	<i>Himantopus mexicanus</i>	WPCF ponds
Spotted sandpiper	<i>Actitis macularius</i>	WPCF ponds
Greater yellowlegs	<i>Tringa melanoleuca</i>	Pipeline route and WPCF ponds
Lesser yellowlegs	<i>Tringa flavipes</i>	WPCF ponds
Whimbrel	<i>Numenius phaeopus</i>	WPCF ponds
*Long-billed curlew	<i>Numenius americanus</i>	Fly over, curlews observed foraging south of gas pipeline 2011
Least sandpiper	<i>Calidris minutilla</i>	WPCF ponds
Western sandpiper	<i>Calidris mauri</i>	WPCF ponds
Baird's sandpiper	<i>Calidris bairdii</i>	WPCF ponds
Pectoral sandpiper	<i>Calidris melanotos</i>	WPCF ponds
Dunlin	<i>Calidris alpina</i>	WPCF ponds
Long-billed dowitcher	<i>Gallinago delicata</i>	Canal
Wilson's snipe	<i>Calidris alpina</i>	Pipeline route and WPCF ponds
Wilson's phalarope	<i>Phalaropus tricolor</i>	WPCF ponds
Ring-billed gull	<i>Larus delawarensis</i>	WPCF ponds
Mew gull	<i>Larus canus</i>	WPCF ponds
California gull	<i>Larus californicus</i>	WPCF ponds
Bonaparte's gull	<i>Larus philadelphia</i>	WPCF ponds
Caspian tern	<i>Hydroprogne caspia</i>	WPCF ponds

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
Forster's tern	<i>Limnodromus scolopaceus</i>	WPCF ponds
Common tern	<i>Sterna hirundo</i>	WPCF ponds
Rock pigeon (<i>Exotic</i>)	<i>Sterna fosteri</i>	STIG plant
Eurasian collared-dove (<i>Exotic</i>)	<i>Columba livia</i>	Laydown areas and pipeline route. One individual observed dead within STIG plant, August 2010.
Mourning dove	<i>Streptopelia decaocto</i>	Laydown areas and pipeline route
White-throated swift	<i>Aeronautes saxatalis</i>	Fly over
Vaux's swift	<i>Zenaida macroura</i>	Fly over
Anna's hummingbird	<i>Chaetura vauxi</i>	Canal and east parking area
Black-chinned hummingbird	<i>Calypte anna</i>	Canal
Belted kingfisher	<i>Archilochus alexandri</i>	Canal
Downy woodpecker	<i>Picoides pubescens</i>	East parking area
Nuttall's woodpecker	<i>Picoides nuttallii</i>	East parking area
Northern flicker	<i>Colaptes auratus</i>	Laydown areas and pipeline route
Pacific-slope flycatcher	<i>Empidonax difficilis</i>	Canal setback
Western wood-pewee	<i>Contopus sordidulus</i>	Canal setback
Black phoebe	<i>Sayornis nigricans</i>	Canal
Western kingbird	<i>Tyrannus verticalis</i>	Canal, laydown areas, and pipeline route
Cassin's vireo	<i>Lanius ludovicianus</i>	Canal setback
Loggerhead shrike	<i>Vireo cassinii</i>	Pipeline route
Western scrub-jay	<i>Apelocoma californica</i>	East parking area and pipeline route
American crow	<i>Corvus brachyrhynchos</i>	Laydown areas and pipeline route
Common raven	<i>Corvus corax</i>	Laydown areas and pipeline route
Horned lark	<i>Eremophila alpestris</i>	Laydown areas and pipeline route
Purple martin	<i>Progne subis</i>	Pipeline route
Tree swallow	<i>Tachycineta bicolor</i>	Pipeline route
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	WPCF ponds
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	Fly over
Bank swallow	<i>Riparia riparia</i>	WPCF ponds
Barn swallow	<i>Hirundo rustica</i>	Pipeline route and WPCF ponds, one individual observed dead from Laydown Area E, 2011.
Bushtit	<i>Psaltriparus minimus</i>	Pipeline route and WPCF ponds
Ruby-crowned kinglet	<i>Regulus calendula</i>	East parking area
American robin	<i>Turdus migratorius</i>	Canal and laydown areas
Northern mockingbird	<i>Mimus polyglottos</i>	Laydown areas and pipeline route
European starling (<i>Exotic</i>)	<i>Sturnus vulgaris</i>	Canal, laydown areas, and pipeline route

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
American pipit	<i>Anthus rubescens</i>	WPCF ponds and pipeline route
Cedar waxwing	<i>Bombycilla cedrorum</i>	Laydown areas and pipeline route
Orange-crowned warbler	<i>Vermivora celata</i>	East parking area and oaks along entrance road
Nashville warbler	<i>Vermivora ruficapilla</i>	Canal setback
Yellow warbler	<i>Dendroica petichia</i>	East parking area and oaks
Yellow-rumped warbler	<i>Dendroica coronata</i>	Laydown areas and pipeline route
Common yellowthroat	<i>Geothlypis trichas</i>	Canal
Wilson's warbler	<i>Wilsonia pusilla</i>	Canal setback
Western tanager	<i>Piranga ludoviciana</i>	Canal setback and east parking area
Spotted towhee	<i>Pipilo maculatus</i>	Canal setback
Savannah sparrow	<i>Passerculus sandwichensis</i>	Canal and pipeline route
Song sparrow	<i>Melospiza melodia</i>	Canal and pipeline route
Lincoln's sparrow	<i>Melospiza lincolnii</i>	Canal
Golden-crowned sparrow	<i>Zonotrichia atricapilla</i>	Canal and laydown areas
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	Canal and pipeline route
Dark-eyed junco	<i>Junco hyemalis</i>	East parking area
Black-headed grosbeak	<i>Pheucticus melanocephalus</i>	East parking area
Blue grosbeak	<i>Passerina caerulea</i>	Canal, laydown areas, and pipeline route
Red-winged blackbird	<i>Agelaius phoeniceus</i>	Canal
Tricolored blackbird	<i>Agelaius tricolor</i>	Fly over
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	STIG plant and WPCF ponds
Great-tailed grackle	<i>Quiscalus mexicanus</i>	Canal and WPCF ponds
Western Meadowlark	<i>Sturnella neglecta</i>	Pipeline route. One individual observed dead on grill of truck, 11/12/10.
Brown-headed cowbird	<i>Molothrus ater</i>	Canal and WPCF ponds
Bullock's oriole	<i>Icterus bullockii</i>	Laydown areas and Energy Center footprint
Orchard oriole	<i>Icterus spurius</i>	Canal setback
House finch	<i>Carpodacus mexicanus</i>	STIG plant and pipeline route. One individual observed dead near existing STIG plant, April 2011. Numerous nests throughout project spring 2011.
American goldfinch	<i>Carduelis tristis</i>	Canal, laydown areas, and pipeline route
Lesser goldfinch	<i>Carduelis psaltria</i>	Laydown areas
House sparrow (<i>Exotic</i>)	<i>Passer domesticus</i>	STIG plant and pipeline route. One individual observed dead in existing STIG plant, March and April 2011.

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
MAMMALS		
Audubon's cottontail	<i>Sylvilagus audubonii</i>	Laydown areas and Energy Center footprint. One individual observed in northern portion of power block April 2011.
California vole	<i>Microtus californicus</i>	Energy Center Footprint and laydown areas. Several individuals killed during clearing and grubbing, August 2010.
Botta's pocket gopher	<i>Thomomys bottae</i>	Dead individual observed near HRSG foundation, Nov. 2010.
California ground-squirrel	<i>Spermophilus beecheyi</i>	Pipeline route, Energy Center footprint and laydown areas
Dog	<i>Canis familiaris</i>	Two dogs observed in southern section of LEC site, April 2011.
Feral cat	<i>Felis catus</i>	Energy Center Footprint
REPTILES		
Western pond turtle	<i>Actinemys marmorata</i>	Canal and WPCF ponds
Slider	<i>Trachemys scripta</i>	Canal and crossing access road
*Common king snake	<i>Lampropeltis getulus</i>	Several caught and relocated during clearing and grubbing, one individual killed, August and October 2010. One individual killed on project to the north, April 2011. Two individual captured and relocated November 2011.
Western skink	<i>Plestiodon (Eumeces) skiltonianus</i>	One individual crushed during clearing and grubbing, August 2010.
*Gopher snake	<i>Pituophis melanoleucus</i>	BM captured and relocated one individual Sept. 2010. DB captured and removed from project site, April 2011.
Common garter snake	<i>Thamnophis sirtalis</i>	BM observed one individual near the City of Lodi White Slough Treatment plant, Sept. 2010. One individual killed, April 2011. One individual captured and relocated off site May, 2011.
Southern alligator lizard	<i>Gerrhonotus multicarinatus</i>	Observed during clearing and grubbing, 2010.
Western fence lizard	<i>Sceloporus occidentalis</i>	Laydown area, pipeline route and Energy Center footprint
INVERTEBRATES		
Butterflies		
Cabbage white	<i>Pieris rapae</i>	Pipeline route
Orange sulphur	<i>Colias eurytheme</i>	Pipeline route
Painted lady	<i>Vanessa cardui</i>	Pipeline route

Cumulative Wildlife Species Observed in or Near the LEC Project Area

Common Name	Scientific Name	Comments
Red admiral	<i>Vanessa atalanta</i>	Pipeline route

* Indicates new observance or additional information

Appendix B
Site Photos

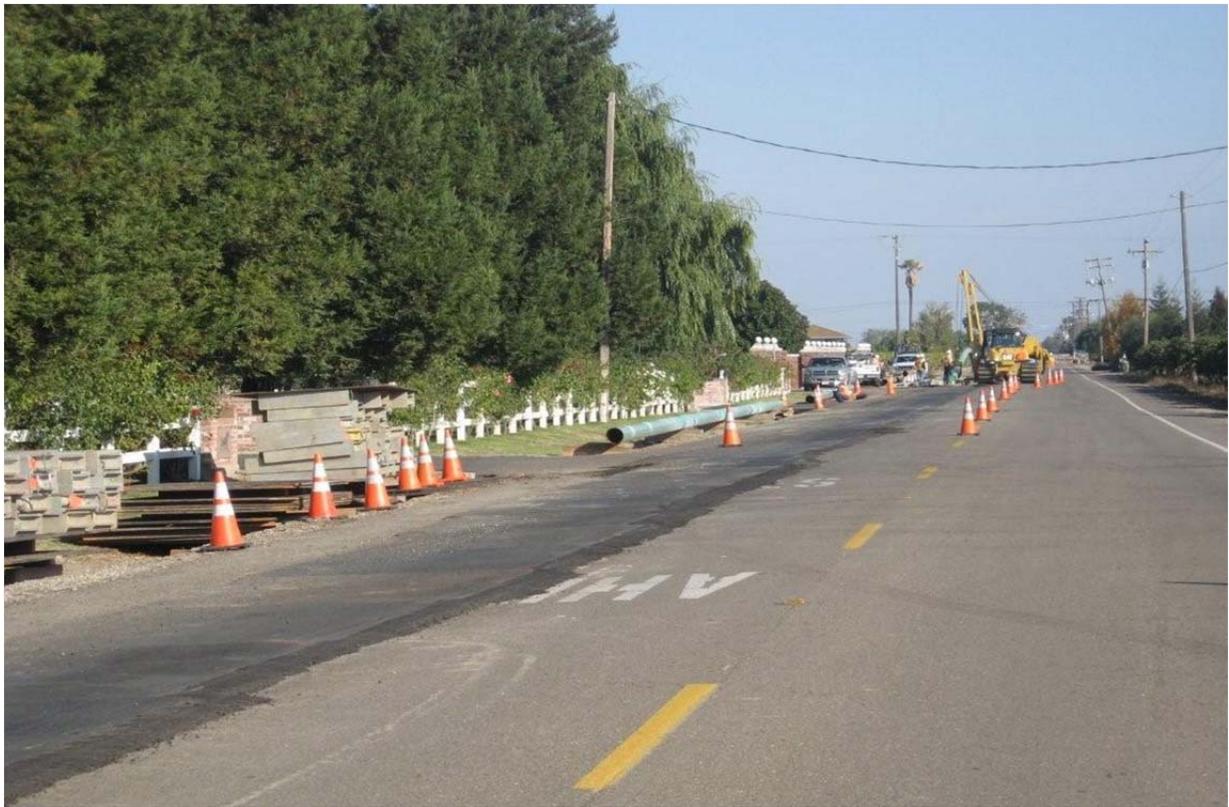


Photo 1, of PG&E installing the LEC gas pipeline on West Armstrong Road, 11/8/11.



Photo 2, of PG&E installing the LEC gas pipeline on West Armstrong Road, 11/8/11.

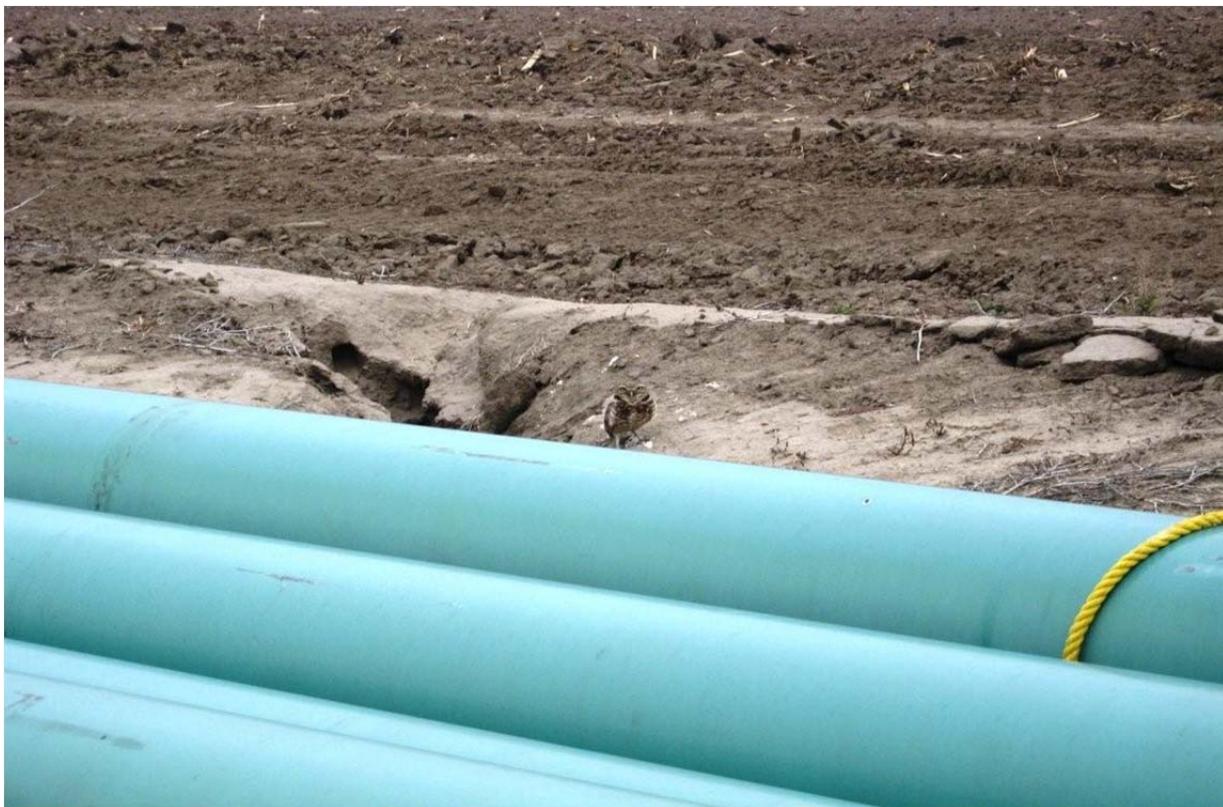


Photo 3 of burrowing owl observed in a dirt depression adjacent to the off loaded gas pipe just west of North Devries Road, 11/14/11.



Photo 4, of PG&E installing the LEC gas pipeline on West Armstrong Road, 11/14/11.



Photo 5 of eastern portion of the LEC project site, 11/14/11.



Photo 6 of new access road between the LEC facility and the existing STIG facility, 11/14/11.



Photo 7 of new t-line poles transitioning into substation, 11/14/11.



Photo 8 of off loaded gas pipeline with the ends of the pipe taped to discourage wildlife from entering the pipe and becoming trapped, 11/15/11.



Photo 9, of burrowing owl as observed on a berm adjacent to the off loaded gas pipe, 11/16/11.



Photo 10 of second burrowing owl observed 500-feet north of pipeline right-of-way, 11/16/11.



Photo 11 of PG&E installing the LEC gas pipeline on North Devries Road, 11/16/11.



Photo 12 of second burrowing owl observed 500-feet north of pipeline right-of-way, 11/17/11.



Photo 13 of PG&E installing mud rumble strip and straw wattles at entrance to construction yard off of North Devries Road, 11/17/11.



Photo 14 of burrowing owl as observed in earthen erosion depression adjacent to off loaded pipe in field west of North Devries Road, 11/17/11.



Photo 15 of gas pipe installation along North Devries Road, 11/18/11.

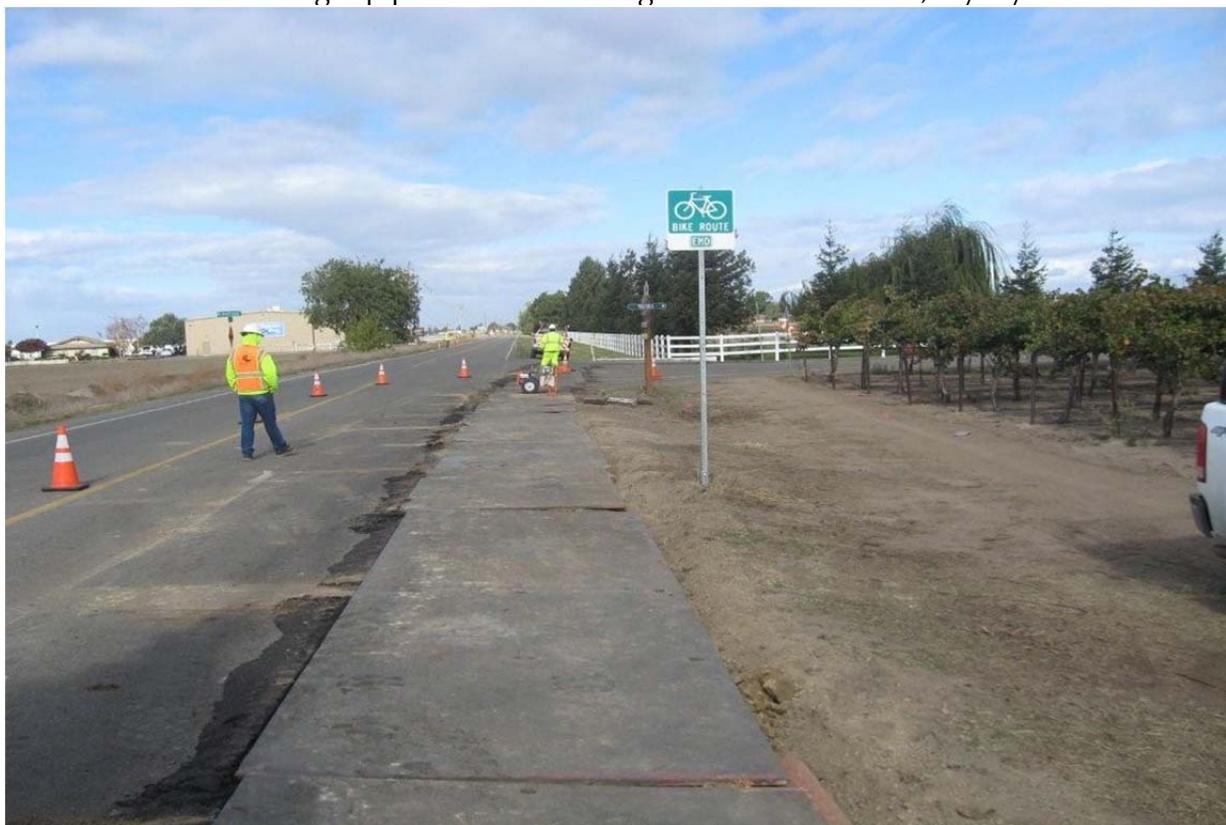


Photo 16 of gas pipe installation along North Devries Road, 11/18/11.



Photo 17 of Red-tailed hawk observed perched on right-of-way stake, 11/21/11.



Photo 18 of Ferruginous hawk as observed adjacent to gas pipeline right-of-way, 11/21/11.



Photo 19 of burrowing owl as observed 500-feet north of right-of-way, 11/22/11.



Photo 20 close up of burrowing owl observed 500-feet north of right-of-way, 11/25/11.



Photo 21 of right-of-way clearing prior to trenching in field west of North Devries Road, 11/28/11.



Photo 22 of burrowing owl burrow with white wash observed 250-feet south of pipeline right-of-way, 11/28/11.



Photo 23 of burrowing owl observed 500-feet north of pipeline right-of-way, 11/28/11.



Photo 24 of southern edge of LEC project site during cooling tower erection, 11/28/11.



Photo 25 of burrowing owl as observed 250-feet south of pipeline right-of-way, 11/29/11.



Photo 26 of burrowing owl as observed 500-feet north of pipeline right-of-way, 11/29/11.



Photo 27 of wheel trencher beginning excavation in field just west of North Devries Road, 11/29/11.



Photo 28 wheel trencher excavating trench for gas pipeline, 11/29/11.



Photo 29 of common king snake captured after going through wheel trencher, 11/29/11.



Photo 30 of common king snake after safe release by Designated Biologist, 11/29/11.



Photo 31 of side boom carrying pipe past wheel trencher, 11/29/11.



Photo 32 of cut trench with temporary pipe supports in place, 11/29/11.



Photo 33 of first burrowing owl observed 500-feet north of pipeline right-of-way, 11/29/11.



Photo 34 of second burrowing owl observed 400-feet north of pipeline right-of-way, 11/29/11.



Photo 35 of gopher snake as observed 20-feet north of pipeline right-of-way, 11/29/11.



Photo 36 of common king snake as observed in pipe trench, 11/30/11.



Photo 37 of common king snake after capture and safe release by Designated Biologist, 11/30/11.



Photo 38 of one of pair of burrowing owls observed 500-feet north of pipeline right-of-way, 11/30/11.



Photo 39 of second burrowing owl observed 400-feet north of pipeline right-of-way, 11/30/11.



Photo 40 of pipeline being welded adjacent to trench, 11/30/11.

Appendix C

Wildlife Observation Forms

Figure G-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM	
To Record Animals Found In Lodi Energy Center 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:	Mac / ARB Safety Manager
Date:	11-3-11
Location of observation:	Water treatment building
Wildlife Species:	Bat
Condition of wildlife:	
alive	<input checked="" type="checkbox"/>
dead	<input type="checkbox"/>
Possible cause of injury or death:	N/A
Where is the animal currently?	Left building overnight.
Is the resource in danger of project (or other) impacts?	No
Comments: The DB received a call from Mac late in the afternoon of the 3rd. The DB checked on the bat on the 4th and was informed that the bat had flown away, unharmed.	
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 (916) 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

<p align="center">WILDLIFE OBSERVATION FORM</p> <p align="center">To Record Animals Found In Lodi Energy Center Project Areas</p> <p>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.</p>	
Name of employee:	Jeremy / PG&E
Date:	11-29-11
Location of observation:	King snake was dug up by trencher and reported to Designated Biologist by trencher operator.
Wildlife Species:	Common King Snake
Condition of wildlife:	alive <input checked="" type="checkbox"/> dead <input type="checkbox"/>
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:	
<p>Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.</p>	
<p>DESIGNATED BIOLOGIST: Rick Crowe Cell (916) 296-5525 Office (916) 286-0416 BIOLOGICAL FIELD MONITORS: Dan Williams Cell (916) 943-8247 Office (916) 286-0229 Victor Leighton Cell (916) 425-7862 Office (916) 286-0415</p>	
<p>COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600</p>	

Figure G-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM	
To Record Animals Found In Lodi Energy Center 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:	Jake / Trencher Oiler
Date:	11-29-11
Location of observation:	20' north of pipeline right-of-way
Wildlife Species:	gopher snake
Condition of wildlife:	alive <input type="checkbox"/> dead <input checked="" type="checkbox"/>
Possible cause of injury or death:	Appeared the the gopher snake was prey of a hawk that dropped it.
Where is the animal currently?	Disposed of
Is the resource in danger of project (or other) impacts?	NO
Comments:	Trencher oiled reported observation of dead snake off of the right-of-way.
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 personell 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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Figure G-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM	
To Record Animals Found In Lodi Energy Center 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:	Designated Biologist Rick Crowe
Date:	11-30-11
Location of observation:	In trench in field west of N. Devries Road.
Wildlife Species:	King Snake
Condition of wildlife:	alive <input checked="" type="checkbox"/> dead <input type="checkbox"/>
Possible cause of injury or death:	N/A
Where is the animal currently?	Safely captured and relocated off site.
Is the resource in danger of project (or other) impacts?	No
Comments:	Observed by DB while DB was inspecting trench.
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	

INTERNAL MEMORANDUM

Date: December 16, 2011
To: Richard Crowe, LEC Designated Biologist, CH2M Hill
cc: Isabella Johannes, PG&E
Prepared by: Terry James, JJ&A

**Subject: November 2011 Stormwater Monitoring Status Update
NCPA Lodi Project**

Richard,

As requested, this memorandum provides a brief summary of stormwater inspection activities completed during the month of November 2011 at the NCPA gas pipeline construction project located in the vicinity of Lodi, California.

1. There were a total of eight (8) stormwater related inspections conducted at the site as indicated on the attached table.
2. There were approximately 0.92-inches of precipitation at the site during the month of November 2011. There was a single qualifying rain event (i.e., precipitation event that results in > 0.50 inch) on November 19 through 20, 2011. A total of 0.52-inches of precipitation was measured during this qualifying event.
3. Photographs taken to document stormwater BMPs and SWPPP compliance are attached.

Based on the inspections completed, the project is in compliance with the Stormwater Pollution Prevention Plan (SWPPP) developed for the project.

NCPA LODI SWPPP INSPECTION SUMMARY
NOVEMBER 2011 REPORTING PERIOD
Pacific Gas and Electric

Project	Date	Inspections	Rainfall Events		Corrective Action	
		Type	No. ^a	Total (in)	Action Items	Corrected ^b
NCPA Lodi LUP Type 1 SWPPP	11/2/11	Pre-Storm		--		--
	11/4/11	During Storm		--		--
	11/5/11	-- ^c	--	0.24		--
	11/11/11	--	--	0.08		--
	11/17/11	Monthly/Pre-Strm				--
	11/18/11	During Storm				--
	11/19/11	During Storm	1	0.52		--
	11/20/11	During Storm				--
	11/22/11	Post-Storm				--
	11/24/11	-- ^c	--	0.04		--
	11/25/11	Post-Storm				--
	11/30/11	--	--	0.04		--

Notes:

- ^a Rain event number applies to qualifying rain events (greater the 0.5 inches).
- ^b Corrective action implementation shall begin within 72 hours of identification.
- ^c No inspections, outside of working hours.



Sanitary Facility BMP installed in lay-down area.



Fiber roll BMP installed at swale.



Pipeline construction activities.



Track-out control BMP being installed in lay-down area.



Track-out control in-use.



Lay-down area perimeter, stabilized surface.

Lodi Energy Center (LEC) COC PAL-5; Paleontological Resources Monitoring Report for Construction Activities in November, 2011

PREPARED FOR: Andrea Greiner, Greiner & Associates
Sarah Madams, CH2M HILL

PREPARED BY: W. G. Spaulding, Ph.D., Paleontological Resources Specialist (PRS)
James R. Verhoff, Staff Paleontologist

DATE: December 2, 2011

This report covers paleontological resources monitoring activities at the Lodi Energy Center (LEC) project for the month of November 2011, as required by Conditions of Certification PAL-5.

Personnel On-Call for Paleontological Monitoring This Period:

Jaspal Saini - Paleontological Resources Monitor (PRM)

Training Conducted This Month

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

Monitoring Conducted This Month

Excavations to depths that may have paleontological potential have largely been concluded as project build-out goes vertical. Because no paleontologically sensitive sediments were affected this last month, no paleontological resources monitoring was conducted.

Changes In the Future

Paleontological resources monitoring has been scaled back because no additional paleontologically sensitive sediment is being affected. The next step is to determine whether any additional deep excavations will occur in the future.

Paleontological Discoveries This Month

No paleontological resources were encountered during this reporting period.

Comments, Issues or Concerns

No issues or concerns were encountered during this period.

Monthly Report of Cultural Resources Monitoring Activities for the Lodi Energy Center; COC CUL-6

Prepared For: Sarah Madams, LEC Project Manager
Prepared By: Clint Helton, LEC CRS
Reporting For Period: November 2011

This report covers cultural resources monitoring activities at the Lodi Energy Center (LEC) project for the month of November 2011, as required by Conditions of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

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

Monitoring and Associated Activities This Period

No cultural resources monitoring occurred.

Cultural Resources Discoveries This Period

None.

Anticipated Changes in the Next Period

None.

Comments, Issues or Concerns

None.

Exhibit 9

WEAP Training Sign-In Sheets

Exhibit 10

Construction Safety Reports



Lodi Energy Center Project Safety Summary for November 2011

Prepared by WorleyParsons Construction Safety Supervisor; J.E.Selvey

New hires, Training, Hours, and Statistics:

Recordables:	1
Near Misses;	0
First Aids:	0
New Restricted Work Cases	0
Vehicle Incidents:	1
230 kV SY training for month:	8
Total SY trained:	98
New hire orientations:	32
ARB average workers for month	245

Incident Rates (IR) and Hours Worked; Monthly, YTD, and JSTD

	November	Year to Date	Job Start to Date
ARB Hours	41,896	460,371	537,694
ARB IR	0	0.86886	0.74392
PRT/SPX Hours	5,725	11,439	11,439
PRT/SPX IR	34.93450	17.48405	17.48405
Total Hours	47,621	471,810	549,133
Combined IR	4.19983	1.27170	1.09263



Findings

Vehicles

- Backhoe came into contact with a North American Substation Services trailer resulting in a small hole in the siding. Backhoe Operator was told to gather material from pile of AB and used the bucket to shift the dirt. Pile was in close proximity to trailer and in the process of shifting the dirt the bucket hit the trailer
-

Recordable

- A carpenter for SPX sustained a fracture to the base metacarpal of the right ring finger. The worker placed his hand between a wall of the CWT basin and one of the bents being constructed inside the basin. Another employee was operating a scissor lift in the vicinity and hit the bent with the front tire of the lift. The contact caused the bent to slide over against the wall trapping the worker's hand in the already tight pinch point. The operator had training documentation and a co-worker acting as spotter was inside the lift with him. Injured party has 10 years experience building cooling water towers, 5 of them with SPX
-

PPE

- Noise in the WTB and STG enclosure remains a problem due to the nature of the work and acoustics. Ear plugs are in abundance with supervision reminding workers at morning meetings.
- “Soft cap welding hoods” are an issue in the process of being resolved. OSHA leaves “wiggle room” in respect to hard hats on job sites. *Foremen and Supervisors to be written along with those in violation*
- The lack of respiratory protection when welding alloyed or galvanized metals is showing up now and again. The group has been spoken with several times and now it is being dealt with on an individual basis. There is an IH coming out to do baseline tests of different welding mediums in different locations. Will publish results when they are in. *Meanwhile Foremen and Supervisors are to be written along with those in violation*
- Dark glasses can be a problem when inside buildings. Workers have a tendency to look over the glasses to see which takes away their protection. Clear glasses are advocated and provided



Housekeeping

- Inside the STG and CT enclosures there were sunflower seed hulls and metal shavings on the floor. This could cause a problem if any of the debris were to get in the Lube Oil Flush systems or turbines. *A thorough clean up was done*
 - ARB and Cupertino put together a multi-craft crew to go around the site and do nothing but clean up. *Site is looking good due to their efforts*
 - Spoke with SPX and PRT and got them on board with clean up. *They spent time to tidy up their work areas.*
-

Job Hazard Analyses

I audited over a hundred JHAs and found most of them to be acceptable. There were pre-printed JHAs but most were added to by those doing the work.

Site Observances and Events

- Earplugs are still available in the WTB and STG enclosures due to noise volumes.
- Switch yard control has been turned over to NCPA. The only personnel entering the SY are those doing walk downs, inspections, punch list items, and commissioning. Need to sign in at NCPA office for entry/permission
- SPX and PRT have complied with Tier 3 diesel emissions as per CEC and CARB. Documentation is in.
- Ladder cages in many locations do not comply with Cal/OSHA standards. *This is a design issue and is being addressed*
- Nitrogen is to be used to “blow down” piping on HRSG after Hydro. *No problems*
- Spoke with SPX and PRT about the need for spotters when moving a load with a forklift when the load is wider than the vehicle.
- Pointed out to SPX that SRLs need to have ropes attached so cable is not exposed to weather and chemicals when SRL is not in use
- Cords and leads have been run across roads w/o protection from vehicles. *ARB spoke with the workers at an all hands meeting regarding the problem. Have not seen reoccurrences.*
- Access through the west door of the WTB is blocked with a drop in elevation that exceeds 19 inches as per OSHA. *Dirt was brought in and tamped. Spider box moved from in front of door.*



Site Observances and Events, cont.:

- Batteries were filled with a Caustic Potash solution by a designated sub-contractor. I reviewed safety protocols and found them to be comprehensive and complete. *A further audit during the filling process showed that protocols were being followed*
 - Tripping hazard (astro-turf between trailers) identified and mitigated
 - Had to speak with PRT painters about wearing basic safety gear while on site. *They corrected the problem*
 - Spoke with ARB about drivers of forklifts not wearing seat belts and having spotters. *Have not noticed any further violations*
 - A crane started parking under the 230kV transmission lines where they cross the road on the west side of Control Room. *Although within allowable proximity, I spoke with SPX and had them find another place to store the crane while it is not in use.*
 - Lighting is sub-standard in the CT enclosure and WTB. Permanent lighting not complete and temporary lights are not sufficient for working. *Spoke with CEI and they addressed the problem by setting up additional string lights.*
 - Various permanent ladders, accessible from the top, are not complete on the bottom and need to be red taped/barricaded at all landings. *ARB taking care of the problem*
-

Positive Observations:

- Instigated training for NCPA Operators and Commissioning personnel acquainting them with basic construction safety hazards. *Bright colored tape denoting “Operator” is being affixed to hard hats in lieu of vests. Commissioning crew continues to wear vests*
- Gas Compressors arrived and were set without incident. Good job by all. Critical Lift paperwork in order
- Hydros are finished. *Communication was good with other crafts and stairway up the HRSG was blocked with a sign saying “Danger! Hydrotest in Progress”*
- A section titled “Upcoming Events” has been added to the Contractor Safety Personnel weekly meeting. In it we address upcoming construction events to determine if special attention is needed from a safety perspective. Results have been good, thus far
- Snow fence was installed on the west edge of the mezzanine deck where it ends within the WTB to protect workers on the floor below from falling objects
- Scaffolding for the Masons is going to be erected by Brand Scaffold. This ensures that the scaffolds and the building of them will be in full compliance with OSHA



WorleyParsons

resources & energy

NCPA – Lodi Project
P.O. Box 639
Lodi, CA 95241-0639
Telephone: 916-230-7297
Facsimile: 916-983-1935
www.worleyparsons.com

Environmental/Emergency Response;

- PRT was storing paint in their traveling equipment trailer that is not rated as a Flammable Storage Container” *Paint was removed and placed in the SSA building*
- We inspected SPX and PRT and found some vehicles that were not Tier 3. This was brought to their attention resulting in the removal of non-compliant machines from the site.
- FD was invited to come and view changes to the site with the focus possible high angle rescues; specifically the cooling water tower
- No new environmental issues.

Monthly CEC Project Workers Safety Report**Project:** Lodi Energy Center 08-AFC-10**Report Period:** November 2011**Prepared by Inspector of Record:** Taner Pamuk

1. Executive Summary of the Workers Safety Management

- ❖ Health and Safety Committee meetings continued to be held, as a minimum, once a week during this month (Excluding the week of thanksgiving). The meetings were chaired by the project management / design team (WP) on the behalf of the Project Owner (NCPA).
- ❖ The safety department of contractor ARB continued informing the Fire Department about the nature of confined space works and high angle works via phone as part of emergency readiness and preparation.
- ❖ The Project Owner (NCPA) and project management/design team (WP) safety personnel performed safety audits / inspections to ensure that the contractors (SPX and PRT) were in compliance with OSHA requirements on a daily basis
- ❖ Please refer to Project Owner's monthly safety report for any incident that happened during the month of November
- ❖ The contractor (SPX) for cooling tower assigned a full time safety personnel for LEC Project site
- ❖ The CBO safety representative performed walk down inspections with LEC Project safety personnel. Issues that were observed during these walk-downs were documented by the LEC Project safety personnel and correction follow-up was done accordingly

2. Field Condition and Observations

The LEC Project construction activities had managed to overcome the major construction activities with higher risk potential since the start of the project. As the project progressed and was getting closer to the commissioning phase, new sets of hazards and risks began to emerge, though recognition of changes of the work phases were well acknowledged.

The limited foot print and access road options were one of challenges throughout the project duration. These matters were administered respectfully with ways of communication between the neighboring Water Treatment Plant and informing the Local Fire Department regarding available access roads to site. Challenges with limited foot print especially affected the contractor SPX while assembling the structural framing of Cooling Tower.

The project owner (NCPA) and project management / design team (WP) focused on the activities with tank construction and the contractor (PRT) regarding worker safety concerns especially with sand blasting operation and painting of tanks.

3. Safety Inspections

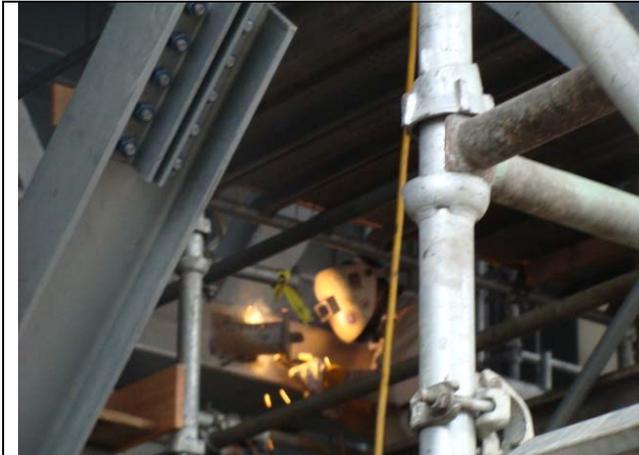
- ❖ NCPA/WP safety manager performed daily site inspections and a follow-up was made by NCPA/WP safety manager to ensure and verify that unsafe items were closed
- ❖ NCPA/WP safety manager performed safety inspections and random checks on site to ensure that all contractors on site were in compliance with LORS and were maintaining a safe site for their workforce, as well as others who might be affected
- ❖ Contractor ARB performed interval safety walk-downs with work crews to improve and enforce worker safety

Pictorial summary of the site conditions



4. Observed Unsafe Conditions and Corrective Actions Taken

	<p>Correction Required Ensuring cleared access / egress ways to work areas</p> <p>Standard 8 CCR 1513 (c)</p> <p>Corrective Action Requested Re-arrange the area to provide un-obstructed access ways to work areas</p> <p>RESOLVED</p>
	<p>Correction Required Ensure the use of welding screen where the work permits</p> <p>Standard 8 CCR 4851 (a)</p> <p>Corrective Action Requested Use of welding screens to protect adjacent workers from the welding rays</p> <p>RESOLVED</p>
	<p>Correction Required Ensure the safe working condition of the sling with a tear on it</p> <p>Standard 8 CCR 5048 (i)(6)</p> <p>Corrective Action Requested Inspect the safe working condition of the sling</p> <p>RESOLVED</p>



Correction Required
Ensure the use of hardhats while performing welding operation on the field

Standard
29 CFR 1910.132(d)(1)
29 CFR 1910.135(a)(1)

Corrective Action Requested
Re-evaluate the PPE requirements for welders working onsite while performing welding regarding the use of hardhat with welding mask
RESOLVED



Correction Required
Flammable chemicals inside trailer

Standard
1930 (a)(4)(A)

Corrective Action Requested
Ensure that no flammable chemical stored inside trailer
Store flammable chemical inside a fire cabinet

RESOLVED

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
1	09/27/10	HRSO Duct Bank crossing (north)	Need listing for couplers	09/30/10	Lowell Brown	
2	09/30/10	HRSO Duct Bank crossing (Middle)	N/A	10/04/10	Lowell Brown	
3	10/06/10	HRSO Duct Bank crossing (South)	N/A	10/07/10	Lowell Brown	
4	10/14/10	HRSO Ground Grid	CEMS Grounding, Lightning c/o stack	10/14/10	Lowell Brown	Lightning
5	10/21/10	CTG Ground Grid	N/A	10/21/10	Lowell Brown	
6	11/01/10	HRSO Bottom Mat, bolts & drains	Rebar Mat laps, repair pipe wrap	11/01/10	Lowell Brown	
7	11/04/10	HRSO Drain Ductile Iron Top out	Top out O.K.	11/04/10	Lowell Brown	
8	11/04/10	HRSO Top Mat & Repairs	Rebar, Bolts, Pipe Wrap finished	11/04/10	Lowell Brown	
9	11/10/10	CTG Foundation Bottom Mat	Progress O.K., Need Conduits & Pipe	11/10/10	Lowell Brown	
10	11/10/10	Site Temporary Facilities	Provide approved plans for Inspection	11/10/10	Lowell Brown	
11	11/12/10	Firewall Ftg, Rebar & Grounds	Rebar & Grounds	11/12/10	Lowell Brown	
12	11/22/10	Fire Wall Rebar	Minor Items to be confirmed by Spec.	11/22/10	Lowell Brown	
13	11/24/10	CT Drains (3) Top out Test	O.K., pipe test X 3	11/24/10	Lowell Brown	
14	12/10/10	Fire Line Tie-in Spool	Hydrotest to 200 psi / 2hrs, o.k.,	12/10/10	Lowell Brown	
15	12/10/201	CTG Foundation Top Mat, Bolts, conduits & grnd	See 14 item corr. Notice	12/14/10	Lowell Brown	
16	12/10/10	STIG Cooling Tower Fnd, & Chem Skids	Rebar & bolts o.k.	12/10/10	Lowell Brown	
17	12/12/10	Trailer reinspection for ARB	O.K.	12/12/10	Lowell Brown	
18	12/14/10	CTG Foundation Reinspection	Rebar corrections completed.	12/14/10	Lowell Brown	
19	12/22/10	Cooling Tower Sump Rebar & Grnds	Rebar & grnds o.k.	12/22/10	Lowell Brown	
20	12/22/10	CTG Pedestal Rebar & grnds	See 3 item corr. Notice	12/23/10	Lowell Brown	
21	12/23/10	CTG Pedestal Rebar & grnds Reinspection	Rebar O.K.,	12/23/10	Lowell Brown	
22	01/07/11	Cooling Tower Sump Walls (partial)	Rebar O.K.,	01/07/11	Lowell Brown	
23	01/07/11	Worley Parsons Construction Site Trailer	See 5 Item Correction Notice			
24	01/12/11	CTG Pedestals Rebar and Plates	See 11 item Correction Notice	01/14/11	Lowell Brown	
25	01/14/11	Reinsp. Pedestals and Plates	Items corrected, O.K.	01/14/11	Lowell Brown	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
26	01/18/11	Cooling Tower Slab on grade rebar & Water Stop	See (2) item Correction Notice	01/20/11	Lowell Brown	
27	01/20/11	Reinspect C.T. /SOG, Rebar & Water Stop	Corrections complete, O.K.	01/20/11	Lowell Brown	
28	01/25/11	Gas Compressor Foundation Rebar	Rebar O.K.	01/25/11	Lowell Brown	
29	01/25/11	Oil/Water Sep. Fdn Rebar, bolts & C.T. Walls	Rebar/bolts OWS, rebar O.K. CT Walls	01/28/11	Lowell Brown	
30	02/04/11	STIG Gas Compressor & C.T. Pads Pipe supp.	Rebar, grounds and bolts O.K.	02/04/11	Lowell Brown	
31	02/16/11	Cooling Tower Sump south wall & Lube Oil Curb	Rebar and waterstop O.K.,	02/16/11	Lowell Brown	
32	02/23/11	STG Foundation Rebar, Bolts and Grounds	See (4) item correction list	02/28/11	Lowell Brown	
33	02/28/11	STG Fnd reinspect Rebar, Bolts and Grounds	Rebar, bolts & grounds O.K.	02/28/11	Lowell Brown	
34	03/08/11	Exhaust Outlet Foundation	Rebar /bolts O.K.	03/08/11	Lowell Brown	
35	03/09/11	Blow Down Slump	Rebar / waterstop O.K.	03/09/11	Lowell Brown	
36	03/14/11	Cooling Tower East wall	Rebar waterstop. O.K.	03/11/11	Lowell Brown	
37	03/14/11	CT GST Rebar and Waterstop	Rebar and waterstop O.K.	03/13/11	Lowell Brown	
38	03/16/11	Pump Chamber Cooling Tower	Rebar / clearance / waterstop. O.K.	03/16/11	Kevin Dumford	
39	03/18/11	Cooling Tower Basin Pump	Rebar /clearance/waterstop. O.K.	03/18/11	Kevin Dumford	
40	03/18/11	Waste Water Collection Slump matt	Rebar/waterstop O.K.	03/18/11	Kevin Dumford	
41	03/22/11	STG Condenser Pedestals	Corrections.	03/28/11	Lowell Brown	
42	03/22/11	HRSR Roto Air Cooler Pedestals	Corrections.	03/31/11	Lowell Brown	
43	03/25/11	STG Condenser Pedestals	Corrections.	03/28/11	Kevin Dumford	
44	03/28/11	STG Condenser Pedestals	Rebar Corrections complete O.K.	03/28/11	Kevin Dumford	
45	03/30/11	HRSR Roto Air Cooler Pedestals	Rebar / clearance	03/31/11	Kevin Dumford	
46	03/30/11	Cooling Tower slab center section.	Rebar/waterstop/clearance. O.K.	03/30/11	Kevin Dumford	
47	03/30/11	CT Gen. step up foundation pedestals	Rebar / clearance. O.K.	03/31/11	Kevin Dumford	
48	04/05/11	HRSR utility bridge foundation east side.	Rebar/ clearance. O.K.	04/05/11	Kevin Dumford	
49	04/05/11	CT Gen. step up walls 3ft lift.	Rebar/waterstop/clearance. O.K.	04/06/11	Kevin Dumford	
50	04/05/11	West side HRSR utility bridge foundation.	Rebar/clearance. O.K.	04/06/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
51	04/05/11	Cooling tower walls (middle).	corrections	04/07/11	Kevin Dumford	
52	04/07/11	Cooling tower walls (middle).	Rebar/waterstop/clearance. O.K.	04/07/11	Kevin Dumford	
53	04/07/11	Pipping support cooling tower.	Rebar/ bolts. O.K.	04/07/11	Kevin Dumford	
54	04/11/11	Utility bridge (HRSG) west side.	Rebar/clearance. O.K.	04/07/11	Kevin Dumford	
55	04/12/11	Waste water collection sump walls.	Rebar/clearance/waterstop. O.K.	04/12/11	Kevin Dumford	
56	04/12/11	Top of pump chamber cooling tower.	Rebar/clearance. O.K.	04/12/11	Kevin Dumford	
57	04/12/11	Cooling tower pipe supports south of C/T.	Rebar. O.K.	04/13/11	Kevin Dumford	
58	04/14/11	Duct bank at cooling tower to water treatment.	rebar (roadway) and conduit.	04/14/11	Kevin Dumford	
59	04/15/11	HRSG power block.	Rebar/clearance.	04/15/11	Kevin Dumford	
60	04/19/11	STG perimeter foundation.	missing drains correction.	04/21/11	Kevin Dumford	
61	04/20/11	HRSG power block columns.	Rebar/clearance. O.K.	04/20/11	Kevin Dumford	
62	04/21/11	STG perimeter foundation.	Rebar/clearance added drains.	04/21/11	Kevin Dumford	
63	04/25/11	CT Gen step up (blast) walls.	Rebar/clearance. O.K.	04/27/11	Kevin Dumford	
64	04/28/11	Utility bridge (HRSG) foundation F-7 F-8.	Rebar/clearance. O.K.	04/28/11	Kevin Dumford	
65	04/28/11	PDC "1" foundation.	Rebar/clearance. O.K.	04/28/11	Kevin Dumford	
66	05/03/11	PDC "1" columns.	Rebar/clearance. O.K.	05/04/11	Kevin Dumford	
67	05/05/11	Utility bridge HRSG columns	Rebar/clearance. O.K.	05/05/11	Kevin Dumford	
68	05/06/11	ISO phase bus duct	Rebar/clearance. O.K.	05/10/11	Kevin Dumford	
69	05/06/11	CT electrical platform foundation	Rebar/clearance. O.K.	05/10/11	Kevin Dumford	
70	05/10/11	North boiler feedwater foundation	Rebar/clearance. O.K.	05/10/11	Kevin Dumford	
71	05/11/11	South boiler feedwater foundation	Rebar/clearance. O.K.	05/11/11	Kevin Dumford	
72	05/11/11	HRSG utility bridge F-5 & F-6	Rebar/clearance. O.K.	05/11/11	Kevin Dumford	
73	05/11/11	STG second lift	Rebar/clearance. O.K.	05/12/11	Kevin Dumford	
74	05/11/11	Switchyard foundation F-1,F-2,F-3,F-4 & F-12	Rebar/clearance. O.K.	05/13/11	Kevin Dumford	
75	5/12/20	HRSG utility bridge pedestals	Rebar/clearance. O.K.	05/13/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
76	05/13/11	CT water drain tank foundation.	Rebar/clearance. O.K.	05/13/11	Kevin Dumford	
77	05/16/11	Circuit breaker foundation switchyard.	Rebar/clearance. O.K.	05/17/11	Kevin Dumford	
78	05/17/11	Temp pipe supports.	Rebar. O.K.	05/17/11	Kevin Dumford	
79	05/17/11	Switchyard pole supports F-1,F-2,F-3 & F-4.	Rebar/clearance. O.K.	05/20/11	Kevin Dumford	
80	05/17/11	Switchyard transmission foundations F-7 & F-8.	Rebar/clearance. O.K.	05/20/11	Kevin Dumford	
81	05/23/11	Circuit breaker support foundation.	Rebar/clearance. O.K.	05/24/11	Kevin Dumford	
82	05/23/11	Electrical equipment foundation.	Rebar/clearance. O.K.	05/24/11	Kevin Dumford	
83	05/23/11	Platforms & stair foundations.	Rebar/clearance. O.K.	05/24/11	Kevin Dumford	
84	05/23/11	Switchyard pole supports F-5,F-6 & F-7.	Rebar/clearance. O.K.	05/24/11	Kevin Dumford	
85	05/25/11	Vortey breakers cooling tower.	Rebar/clearance. O.K.	05/26/11	Kevin Dumford	
86	05/25/11	Circuit breaker pedestals	Rebar/clearance. O.K.	05/26/11	Kevin Dumford	
87	05/25/11	10" curb power block.	Rebar/clearance. O.K.	05/26/11	Kevin Dumford	
88	05/25/11	Boiler fedwater equipment pad.	Rebar/clearance. O.K.	05/26/11	Kevin Dumford	
89	05/31/11	Cooling tower pump platform foundation.	Rebar not ready	06/06/11	Kevin Dumford	
90	06/06/11	STIG gas compressor pipe supports.	Rebat /clearance. O.K.	06/06/11	Kevin Dumford	
91	06/06/11	Cooling tower pump platform foundation.	Rebar/clearance. O.K.	06/06/11	Kevin Dumford	
92	06/06/11	Fuel gas equipment foundations.	Rebar/clearance. O.K.	06/06/11	Kevin Dumford	
93	06/08/11	Water seperator slab.	Rebar/clearance. O.K.	06/08/11	Kevin Dumford	
94	06/10/11	STIG gas compressor pipe supports pedestals.	Rebar/clearance. O.K.	06/10/11	Kevin Dumford	
95	06/13/11	STG third left.	Rebar/clearance. O.K.	06/15/11	Kevin Dumford	
96	06/14/11	Fuel gas equipment foundations pedestals.	Rebar/clearance. O.K.	06/15/11	Kevin Dumford	
97	06/14/11	Cooling tower pump foundation pedestals.	Rebar/clearance. O.K.	06/15/11	Kevin Dumford	
98	06/14/11	Fuel Gas heater	Rebar/clearance. O.K.	06/15/11	Kevin Dumford	
99	06/16/11	Control Oil skid	Rebar/clearance. O.K.	06/17/11	Kevin Dumford	
100	06/21/11	Transmission foundation F9	Rebar/clearance. O.K.	06/21/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
101	06/21/11	Clarified Water tank Foundation.	Rebar/clearance. O.K.	06/21/11	Kevin Dumford	
102	06/23/11	Transmission Foundation F 11.	Rebar/clearance. O.K.	06/23/11	Kevin Dumford	
103	06/23/11	Water Treatment building foundation.	Rebar/clearance and waterstop. O.K.	06/23/11	Kevin Dumford	
104	06/24/11	STG pedestal P.	Rebar/clearance. O.K.	06/23/11	Kevin Dumford	
105	06/24/11	Air Compressor pipe rack foundation.	Rebar/clearance. O.K.	06/24/11	Kevin Dumford	
106	06/24/11	Transmission Foundation F 10, F 12.	Rebar/clearance. O.K.	06/24/11	Kevin Dumford	
107	06/28/11	Cooling Tower stair pad.	Rebar/clearance. O.K.	06/28/11	Kevin Dumford	
108	06/29/11	STG pedestal.	Rebar/clearance. O.K.	06/29/11	Kevin Dumford	
109	06/29/11	Wash trailer foundation.	Rebar/clearance. O.K.	06/29/11	Kevin Dumford	
110	06/30/11	South stair landing CTG black.	Rebar/clearance. O.K.	06/30/11	Kevin Dumford	
111	06/30/11	HRSB bridge stair landing	Rebar/clearance. O.K.	06/30/11	Kevin Dumford	
112	06/30/11	STG pipe rack F8, F7.	Rebar/clearance. O.K.	06/30/11	Kevin Dumford	
113	07/01/11	Transmission foundation F1.	Rebar/clearance. O.K.	07/01/11	Kevin Dumford	
114	07/05/11	SUS transformer foundation.	Rebar/clearance. O.K.	07/05/11	Kevin Dumford	
115	07/08/11	Lower slab sump chemical feed unloading.	Rebar/clearance. O.K.	07/08/11	Kevin Dumford	
116	07/08/11	Water treatment curbs & equipment pads.	Rebar/clearance. O.K.	07/08/11	Kevin Dumford	
117	07/08/11	Transmission foundation F4.	Not Ready	07/08/11	Kevin Dumford	
118	07/08/11	STG utility bridge foundation pipe rack F4.	Rebar/clearance. O.K.	07/08/11	Kevin Dumford	
119	07/12/11	Water treatment, remainder of equipment pads	Rebar/clearance. O.K.	07/12/11	Kevin Dumford	
120	07/12/11	Chemical feed unloading bottom slab only.	Rebar/ water stop/clearance. O.K.	07/12/11	Kevin Dumford	
121	07/14/11	HRSB power block stair landing.	Rebar/clearance. O.K.	07/14/11	Kevin Dumford	
122	07/14/11	Transformer foundation CTG PDC2.	Rebar/clearance. O.K.	07/14/11	Kevin Dumford	
123	07/15/11	STG utility bridge foundation F2,F5.	Rebar/clearance. O.K.	07/15/11	Kevin Dumford	
124	07/15/11	Transmission foundation F4.	Rebar/clearance. O.K.	07/15/11	Kevin Dumford	
125	07/18/11	Chemical feed unloading rebar wallonly.	Rebar.O.K.	07/18/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
126	07/20/11	CTG PDC 2 transformar foundation.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
127	07/20/11	Service water tank foundation.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
128	07/20/11	STG untility bridge F6 pedestal.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
129	07/20/11	Transmission foundation F4.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
130	07/20/11	Transmission foundation F3.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
131	07/20/11	STG untility bridge foundation F1.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
132	07/20/11	Magnesium Oxide,Hydrated tank foundation.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
133	07/20/11	Chemical feed unloading with forms up.	Rebar/clearance. O.K.	07/20/11	Kevin Dumford	
134	07/25/11	Transmission foundation F5.	Rebar/clearance. O.K.	07/25/11	Kevin Dumford	
135	07/27/11	Steam drain tank foundation.	Rebar/clearance. O.K.	07/27/11	Kevin Dumford	
136	07/27/11	STG untility bridge F3 foundation.	Rebar/clearance. O.K.	07/27/11	Kevin Dumford	
137	07/28/11	STG untility bridge F10 F 11 foundation.	Rebar/clearance. O.K.	07/28/11	Kevin Dumford	
138	07/28/11	Vacuum pump foundation.	Rebar/clearance. O.K.	07/28/11	Kevin Dumford	
139	07/28/11	STG untily bridge F2 foundation.	Rebar/clearance. O.K.	07/28/11	Kevin Dumford	
140	08/01/11	Ammonia line test 2"	Rebar/clearance. O.K.	08/01/11	Kevin Dumford	
141	08/02/11	STG untility bridge foundation F 16	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
142	08/02/11	STG untility bridge foundation F 12	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
143	08/02/11	STG untility bridge foundation F 14 F 15	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
144	08/02/11	STG untility bridge foundation F 13	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
145	08/02/11	STG untility bridge foundation pedestals F 10 F 11	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
146	08/02/11	STG untility bridge foundation F 9	Rebar/clearance. O.K.	08/02/11	Kevin Dumford	
147	08/04/11	STG step up transformer	need rebar	08/04/11	Kevin Dumford	
148	08/09/11	STG step up transformer	Rebar/clearance and water stop. O.K.	08/09/11	Kevin Dumford	
149	08/11/11	Pad in switch yard.	Rebar/clearance. O.K.	08/11/11	Kevin Dumford	
150	08/11/11	STG untility bridge foundation F 12 F 14 F 15 F 16.	Rebar/clearance. O.K.	08/11/11	Kevin Dumford	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
151	08/11/11	STG utility bridge foundation F 9 pedestal.	Rebar/clearance. O.K.	08/11/11	Kevin Dumford	
152	08/11/11	STG utility bridge foundation F 11 pedestal.	Rebar/clearance. O.K.	08/11/11	Kevin Dumford	
153	08/17/11	Aux Boiler Foundation	Rebar, conduits & Grounds O.K.	08/17/11	Lowell Brown	
154	08/17/11	STG Pedestal Foundation Rebar	Rebar, bolts & grounds O.K.	08/17/11	Lowell Brown	
155	08/17/11	STG Pipe Rack F/7 & F/8 Foundation Pedestals	Rebar & bolts O.K.	08/17/11	Lowell Brown	
156	08/17/11	STG (south) Utility Bridge Foundation Pedestals F/7	Rebar & bolts O.K.	08/17/11	Lowell Brown	
157	08/18/11	STG PDC Pipe Support Foundations	Revised from (3) supports to one slab	08/18/11	Lowell Brown	
158	08/19/11	Auxiliary Boiler Pedestal Rebar & Bolts	Rebar & bolts O.K.	08/19/11	Lowell Brown	
159	08/22/11	Pipe Support Foundation Adj. to STG PDC	Rebar O.K., per RFI 1487	08/22/11	Lowell Brown	
160	08/23/11	STG GSU Fire Wall rebar & waterstop	Rebar & waterstop O.K.	08/23/11	Lowell Brown	
161	08/23/11	Fire Pump House Foundation	Rebar and Sleeve O.K.	08/23/11	Lowell Brown	
162	08/23/11	STG Perimeter Foundation, Interior Equipment Pad	Rebar O.K.	08/23/11	Lowell Brown	
163	08/25/11	WTB Bus Support Foundations south side (2)	Rebar O.K.	08/25/11	Lowell Brown	
164	08/25/11	Aux Boiler Chemical Feed Foundation Rebar	Rebar, grounds O.K.	08/25/11	Lowell Brown	
165	08/26/11	Air Receiver Dryer & Aftercooler Foundation	Rebar & grounds O.K.	08/26/11	Lowell Brown	
166	08/30/11	SUS Transformers WTB (south) (2)	Rebar, bolts & grounds O.K.	08/30/11	Lowell Brown	
167	08/31/11	Clarified Water Pump Foundation	Rebar & Bolts O.K.	08/31/11	Lowell Brown	
168	09/06/11	Holiday Test Ammonia (west of HRSG)	Jeep to 13kV O.K.	09/06/11	Lowell Brown	
169	09/12/11	Cooling Water Pumps Foundation	Rebar & grounds O.K.	09/12/11	Lowell Brown	
170	09/12/11	Air Receiver Dryer & Aftercooler Pedestals	Rebar O.K.	09/12/11	Lowell Brown	
171	09/13/11	Condensate Polisher Foundations	Rebar O.K.	09/13/11	Lowell Brown	
172	09/14/11	Condensate Extraction Pumps	Rebar O.K.	09/14/11	Lowell Brown	
173	09/14/11	Condensate Polisher Top mat	Rebar O.K.	09/14/11	Lowell Brown	
174	09/14/11	CP Resin Refill Hopper and Storage Tank Fnds.	Rebar (2 Pads) O.K.	09/14/11	Lowell Brown	
175	09/16/11	Transmission Tower Foundation & Grounds	Rebar & grounds O.K.	09/16/11	Lowell Brown	

No.	Date	Description of area of work:	Open Item(s)	Signed off	CBO Approval	Open Item
176	09/19/11	WTB Truck Unloading Pad	Rebar O.K.	09/19/11	Lowell Brown	
177	09/19/11	WTB Raw Water Treatment Foundation	Rebar & grounds O.K.	09/19/11	Lowell Brown	
178	09/21/11	Condensate Extraction Pumps Foundation	Rebar cut to fit, need Engineer's approval	10/10/11	Lowell Brown	
179	09/21/11	Condensate Feed Water Pumps Pedestals	Rebar O.K.	09/21/11	Lowell Brown	
180	09/21/11	Condensate Polish Resin Hopper & Storage	Rebar O.K.	09/21/11	Lowell Brown	
181	09/23/11	STG Pedestal Extension	Rebar O.K.	09/23/11	Lowell Brown	
182	09/27/11	WTB South Chem. Feed Area Fnd.	Reba & grounds O.K.	09/21/11	Lowell Brown	
183	10/07/11	STG/GSU Fire Walls rebar	Rebar O.K.	10/07/11	Lowell Brown	
184	10/10/11	Extraction Pump Foundations, rebar	Rebar O.K.	10/10/11	Lowell Brown	
185	10/14/11	Waste Water Tank (NCPA)	See 14 item C/N			WP Review reqd
186	10/21/11	Service Water Tank (NCPA)	See 9 item C/N			WP Review reqd
187	10/25/11	Chemical Feed Tank Pads, rebar	Rebar & grounds O.K.	10/25/11	Lowell Brown	
188	10/27/11	Sample Panel Foundation rebar	Rebar & grounds O.K.	10/27/11	Lowell Brown	
189	10/31/11	WTB Mezzanine Deck rebar	Rebar O.K.	10/31/11	Lowell Brown	
190	11/03/11	Inlet Gas Scrubber and North Gas Compressor Fnd	Rebar bolts & Grnds O.K.	11/03/11	Lowell Brown	
191	11/10/11	South Gas Compressor	Rebar, botls & Gnds O.K.	11/10/11	Lowell Brown	
192	11/15/11	Aux. Boiler Control Panel Fnd. & Cems Cabinet Fnd	Rebar O.K.	11/15/11	Lowell Brown	
193	11/15/11	WTB Mezz. Equipment Pads Rebar	Rebar O.K.,	11/15/11	Lowell Brown	
194	11/15/11	BA System Electrical Punchlist	230 V. Switchyard punchlist progress			
195	11/16/11	Switchyard In-progress Inspection of installations	See 15 items C/N for Const.			
196	11/16/11	Rebar Insp for Circuit Breaker Fnd.	Rebar O.K., (2) fnds.	11/16/11	Lowell Brown	
197	11/23/11	WTB Waste Solids Storage Tank	Reba & Gnds O.K.	11/23/11	Lowell Brown	
198	11/28/11	WTB South Chem. Feed Area walls	Rebar O.K.	11/28/11	Lowell Brown	
199	11/29/11	STG GSU Circuit Breaker (4) pedestals	Rebar & Bolts O.K.	11/29/11	Lowell Brown	
200	11/29/11	Iso-Phase Foundations rebar	Rebar & Bolts O.K.	11/29/11	Lowell Brown	

Exhibit 11

Correspondence, Filings, or Permits Issued by Other
Governmental Agencies



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76137

Aeronautical Study No.
2011-AWP-7158-OE

Issued Date: 11/03/2011

Hank Sanchez
Pacific Gas & Electric
231 D St
Marysville, CA 95901

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Truck Mounted boom
Location:	Lodi, CA
Latitude:	38-05-09.43N NAD 83
Longitude:	121-21-39.98W
Heights:	15 feet site elevation (SE) 20 feet above ground level (AGL) 35 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

It is required that the manager of KINGDON AIRPARK @ 209 986-0797 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

Any height exceeding 20 feet above ground level (35 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 05/03/2013 unless extended, revised or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates and heights. Any changes in coordinates and/or heights will void this determination. Any future construction or alteration, including increase to heights, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of a structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

This determination concerns the effect of this temporary structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice To Airman (NOTAM).

If you have any questions, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AWP-7158-OE

Signature Control No: 152938237-153140168

(TMP)

Karen McDonald
Specialist

Attachment(s)
Case Description
Map(s)

Case Description for ASN 2011-AWP-7158-OE

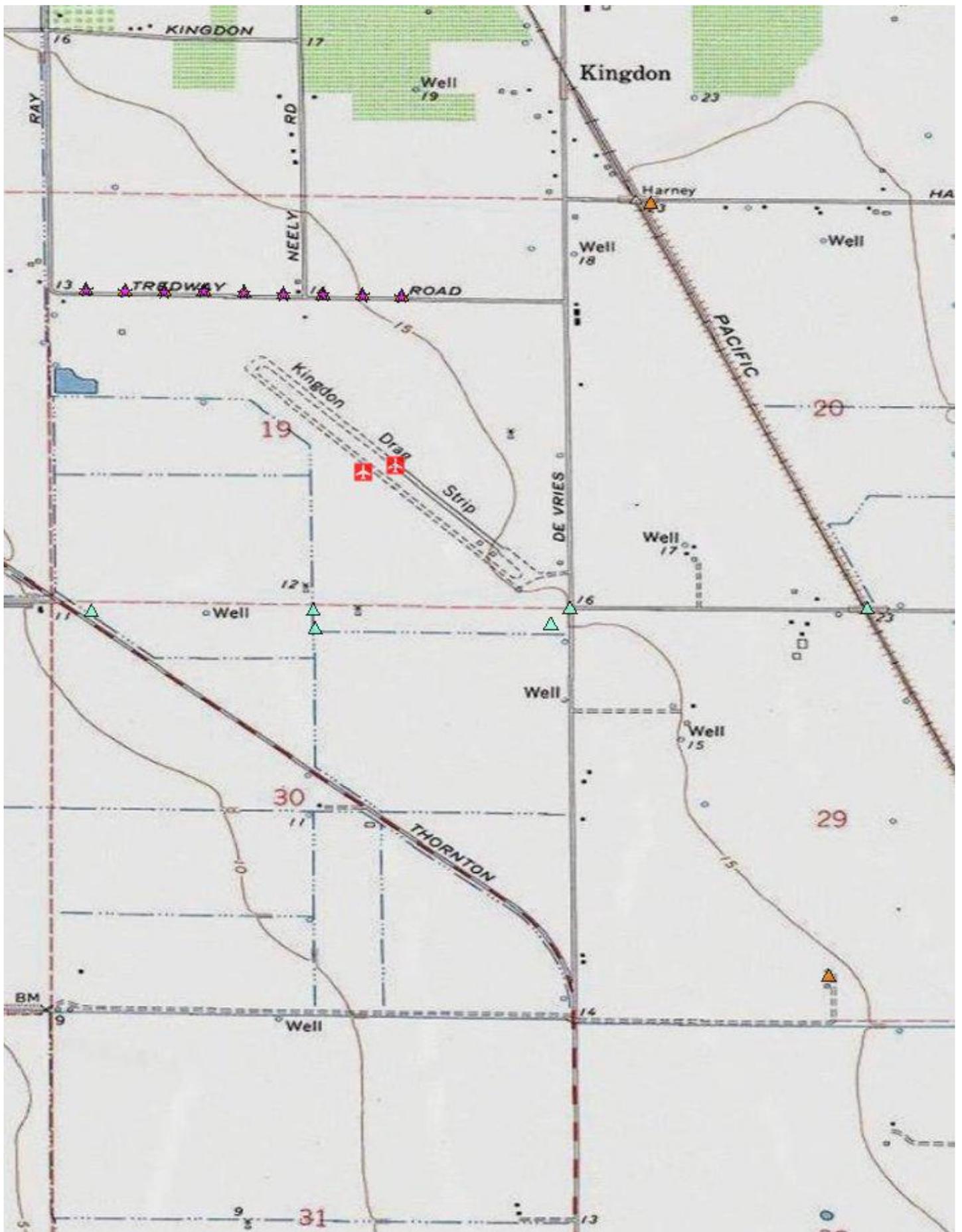
PG&E is constructing a natural gas pipeline for the Lodi Energy Center. Equipment onsite will include:

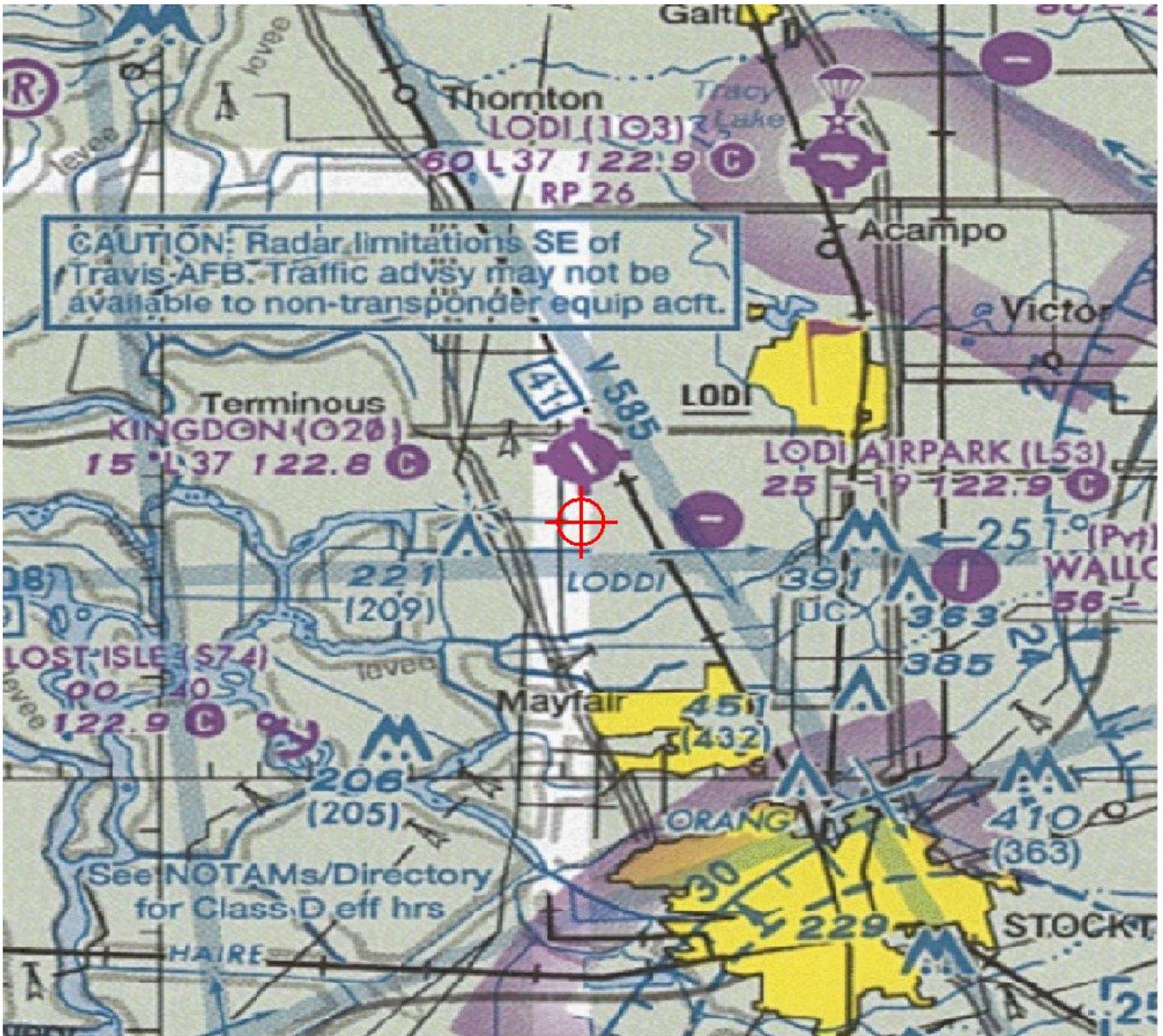
2 backhoes-12 feet tall,

1 front end loader-12 feet tall,

1 side boom-11 feet tall,

1 pipe unloading track mounted boom-18 feet tall







Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76137

Aeronautical Study No.
2011-AWP-7159-OE

Issued Date: 11/03/2011

Hank Sanchez
Pacific Gas & Electric
231 D St
Marysville, CA 95901

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Truck Mounted boom
Location:	Lodi, CA
Latitude:	38-05-11.79N NAD 83
Longitude:	121-21-40.21W
Heights:	14 feet site elevation (SE) 20 feet above ground level (AGL) 34 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

It is required that the manager of KINGDON AIRPARK @ 209 986-0797 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

Any height exceeding 20 feet above ground level (34 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 05/03/2013 unless extended, revised or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

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Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice To Airman (NOTAM).

If you have any questions, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AWP-7159-OE

Signature Control No: 152938239-153140169

(TMP)

Karen McDonald
Specialist

Attachment(s)
Case Description
Map(s)

Case Description for ASN 2011-AWP-7159-OE

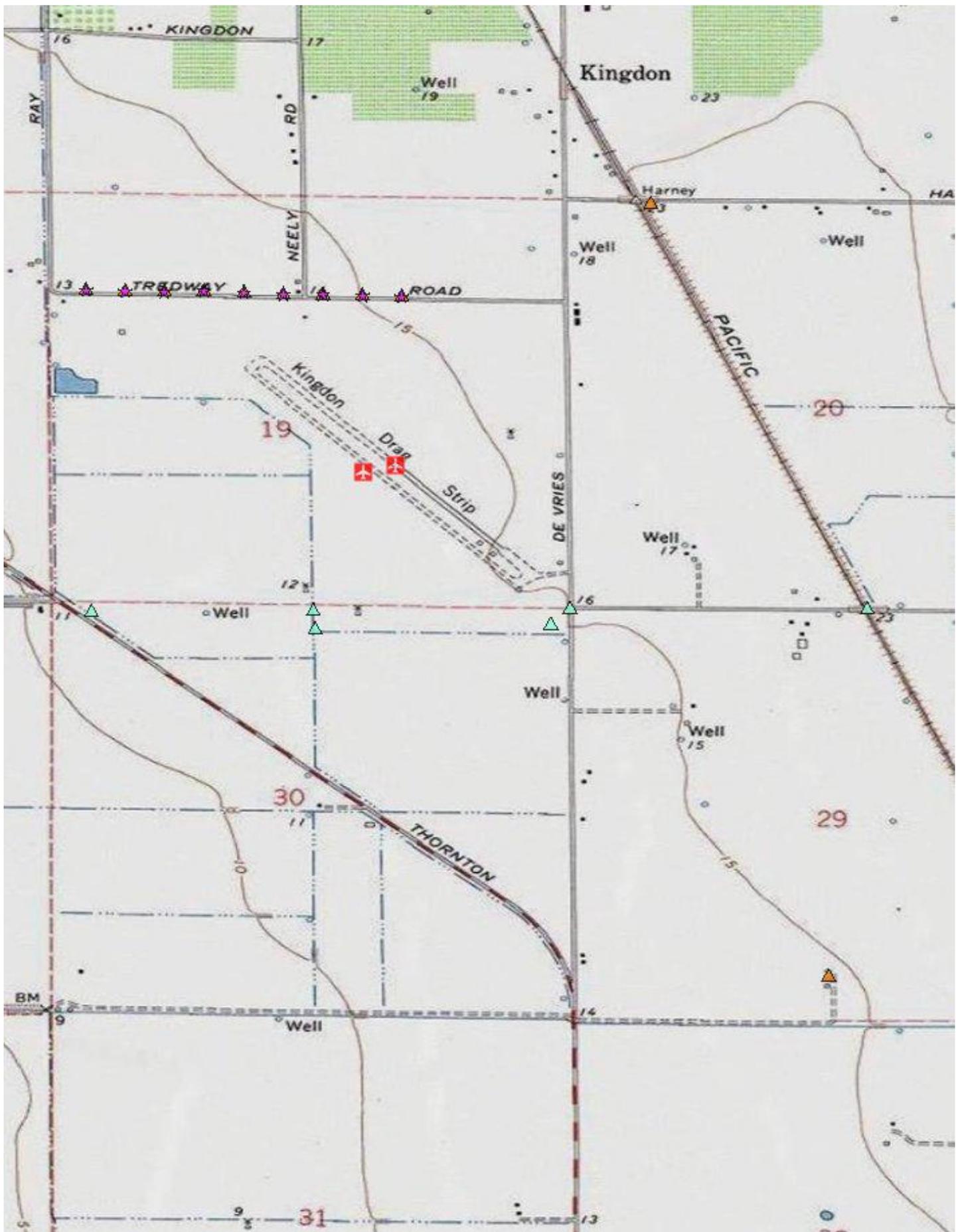
PG&E is constructing a natural gas pipeline for the Lodi Energy Center. Equipment onsite will include:

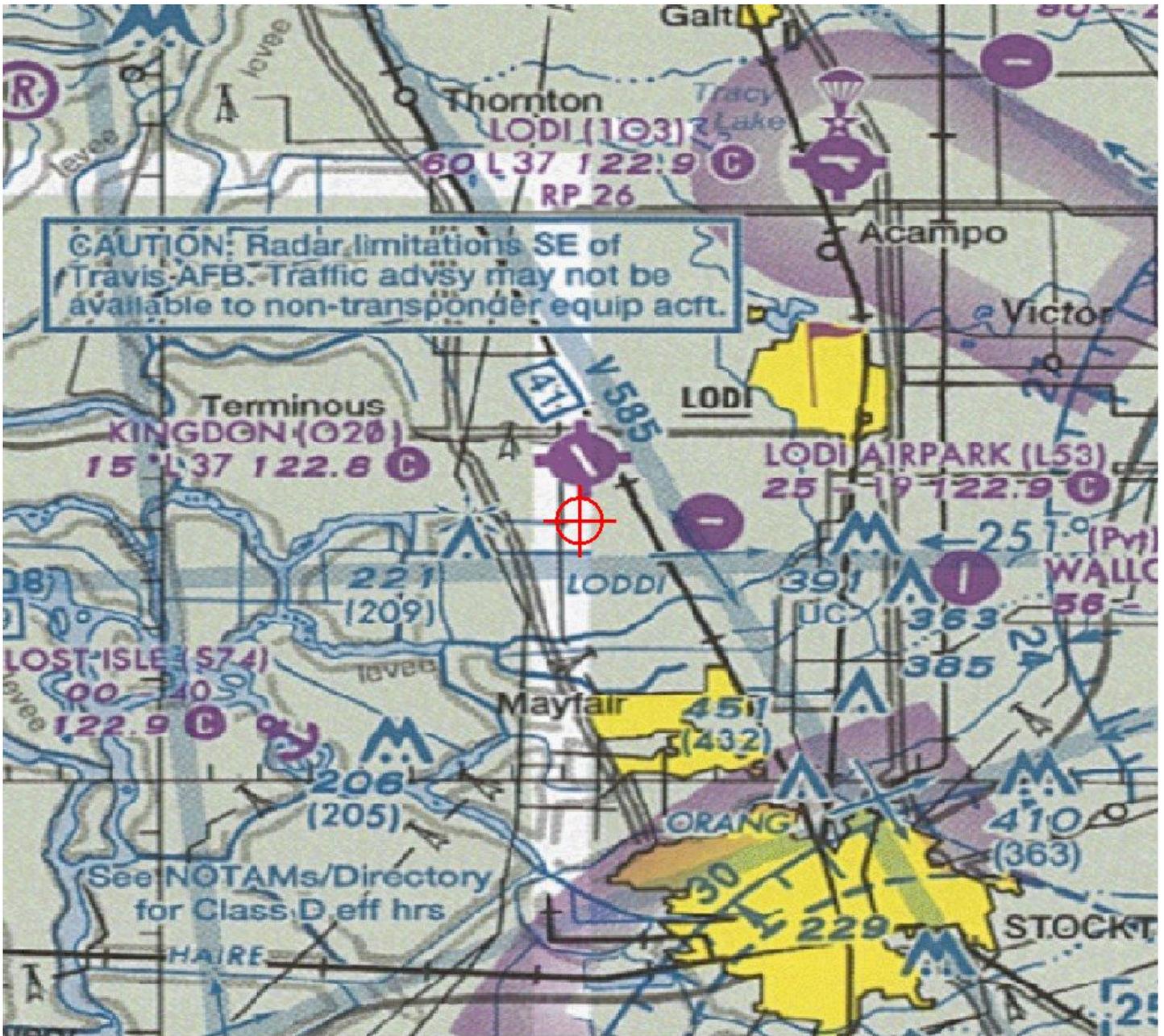
2 backhoes-12 feet tall,

1 front end loader-12 feet tall,

1 side boom-11 feet tall,

1 pipe unloading track mounted boom-18 feet tall







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Federal Aviation Administration
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Fort Worth, TX 76137

Aeronautical Study No.
2011-AWP-7156-OE

Issued Date: 11/03/2011

Hank Sanchez
Pacific Gas & Electric
231 D St
Marysville, CA 95901

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Truck Mounted boom
Location:	Lodi, CA
Latitude:	38-05-12.01N NAD 83
Longitude:	121-20-29.44W
Heights:	22 feet site elevation (SE) 20 feet above ground level (AGL) 42 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

It is required that the manager of KINGDON AIRPARK @ 209 986-0797 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

Any height exceeding 20 feet above ground level (42 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 05/03/2013 unless extended, revised or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

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This determination did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

This determination concerns the effect of this temporary structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice To Airman (NOTAM).

If you have any questions, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AWP-7156-OE

Signature Control No: 152938233-153140167

(TMP)

Karen McDonald
Specialist

Attachment(s)
Case Description
Map(s)

Case Description for ASN 2011-AWP-7156-OE

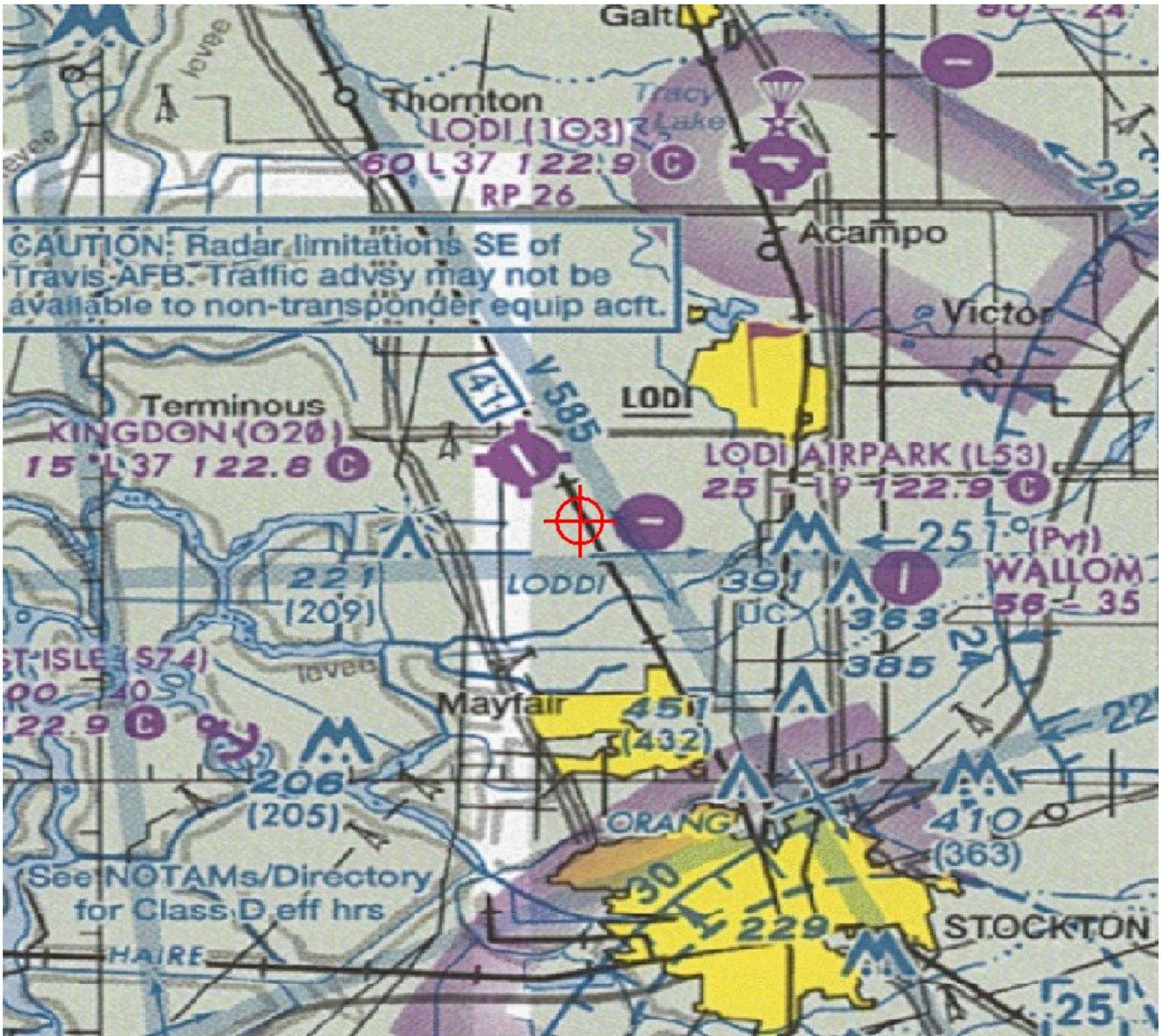
PG&E is constructing a natural gas pipeline for the Lodi Energy Center. Equipment onsite will include:

2 backhoes-12 feet tall,

1 front end loader-12 feet tall,

1 side boom-11 feet tall,

1 pipe unloading track mounted boom-18 feet tall





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Aeronautical Study No.
2011-AWP-7157-OE

Issued Date: 11/03/2011

Hank Sanchez
Pacific Gas & Electric
231 D St
Marysville, CA 95901

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Truck Mounted boom
Location:	Lodi, CA
Latitude:	38-05-12.08N NAD 83
Longitude:	121-21-07.42W
Heights:	18 feet site elevation (SE) 20 feet above ground level (AGL) 38 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

It is required that the manager of KINGDON AIRPARK @ 209 986-0797 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

Any height exceeding 20 feet above ground level (38 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 05/03/2013 unless extended, revised or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

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A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice To Airman (NOTAM).

If you have any questions, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AWP-7157-OE

Signature Control No: 152938235-153140165

(TMP)

Karen McDonald
Specialist

Attachment(s)
Case Description
Map(s)

Case Description for ASN 2011-AWP-7157-OE

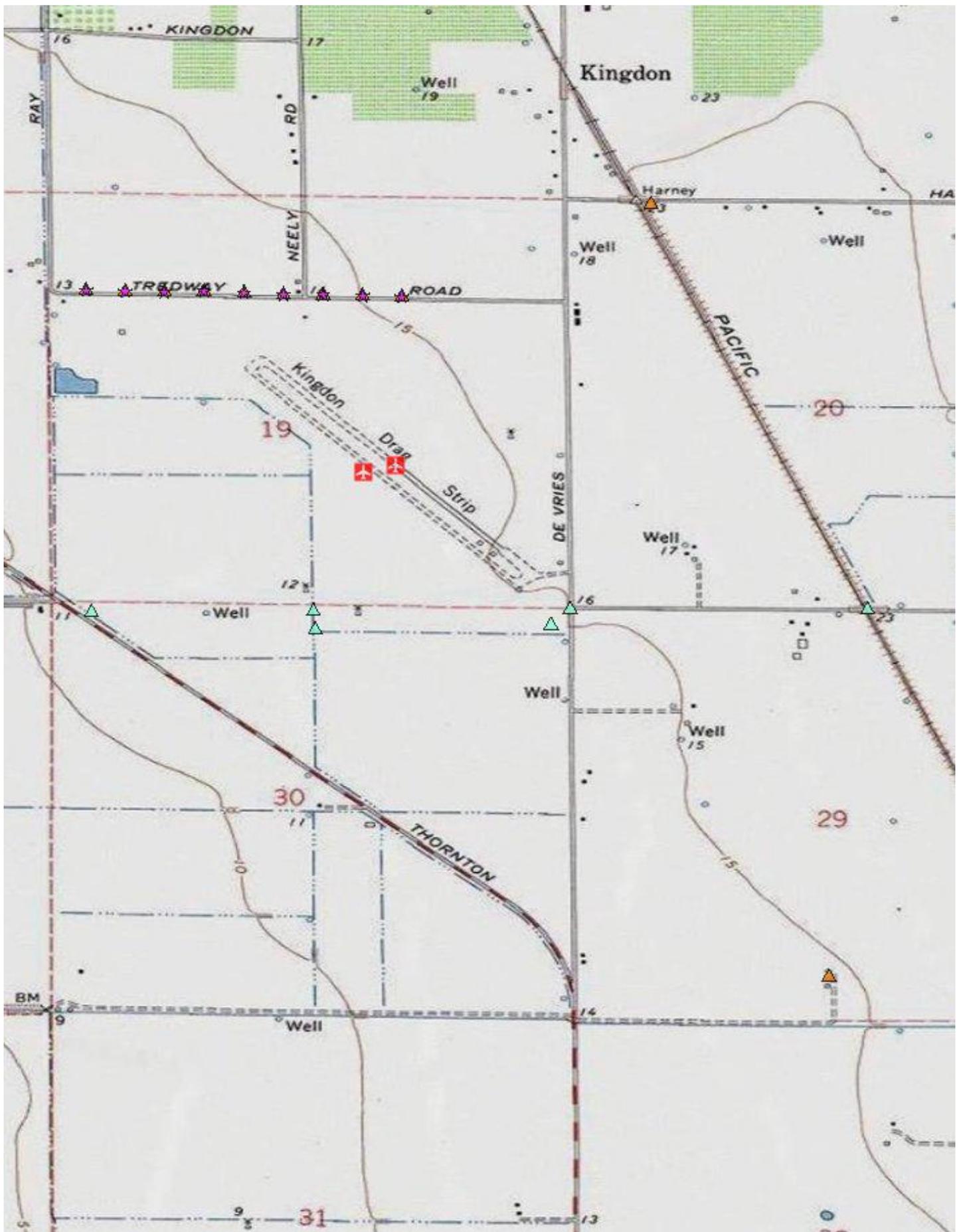
PG&E is constructing a natural gas pipeline for the Lodi Energy Center. Equipment onsite will include:

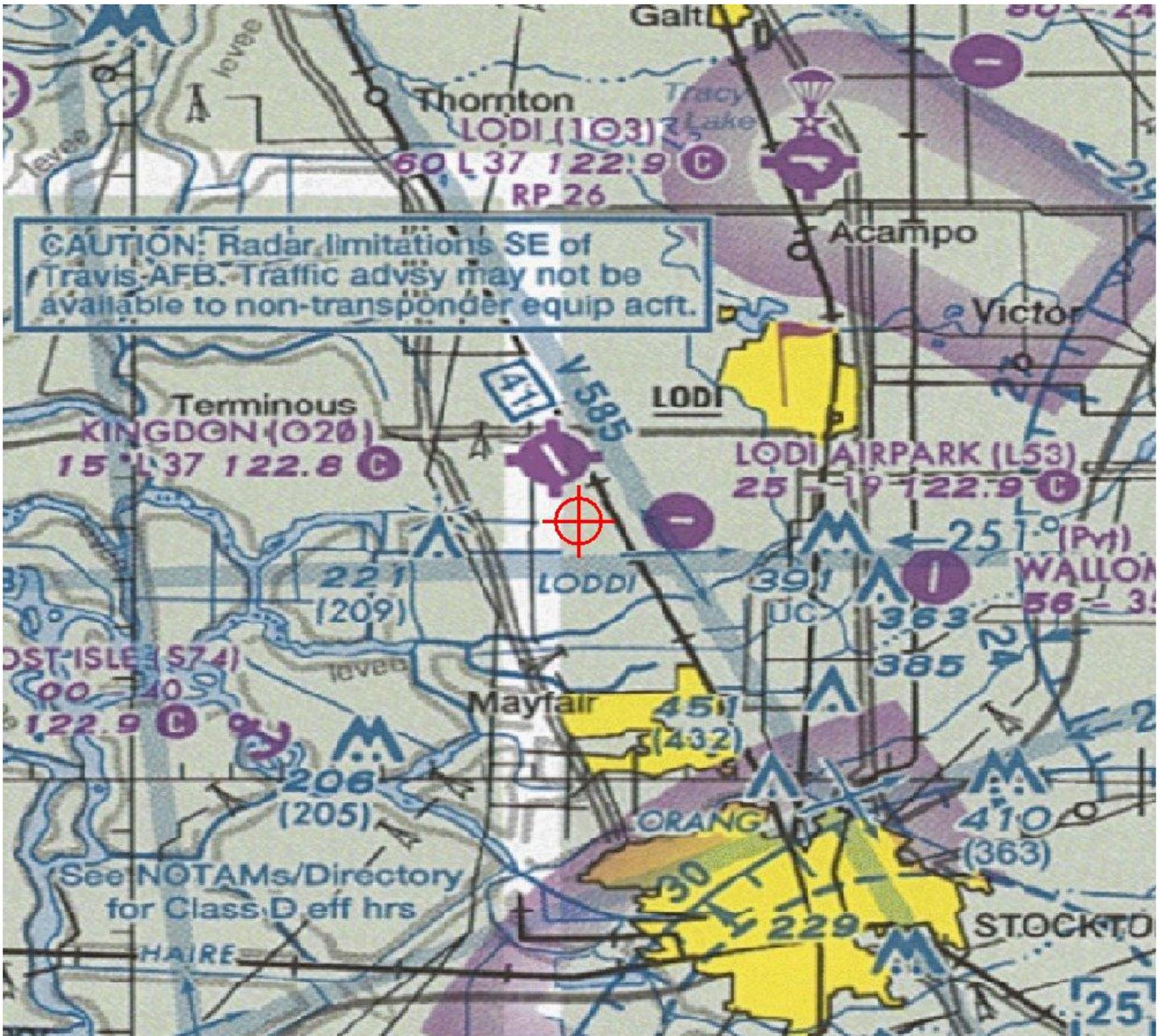
2 backhoes-12 feet tall,

1 front end loader-12 feet tall,

1 side boom-11 feet tall,

1 pipe unloading track mounted boom-18 feet tall







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Aeronautical Study No.
2011-AWP-7155-OE

Issued Date: 11/03/2011

Hank Sanchez
Pacific Gas & Electric
231 D St
Marysville, CA 95901

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Truck Mounted Boom - Laydown Area
Location:	Lodi, CA
Latitude:	38-05-10.07N NAD 83
Longitude:	121-21-09.86W
Heights:	17 feet site elevation (SE) 20 feet above ground level (AGL) 37 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

It is required that the manager of KINGDON AIRPARK @ 209 986-0797 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

Any height exceeding 20 feet above ground level (37 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 05/03/2013 unless extended, revised or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

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A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice To Airman (NOTAM).

If you have any questions, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AWP-7155-OE

Signature Control No: 152938231-153140166

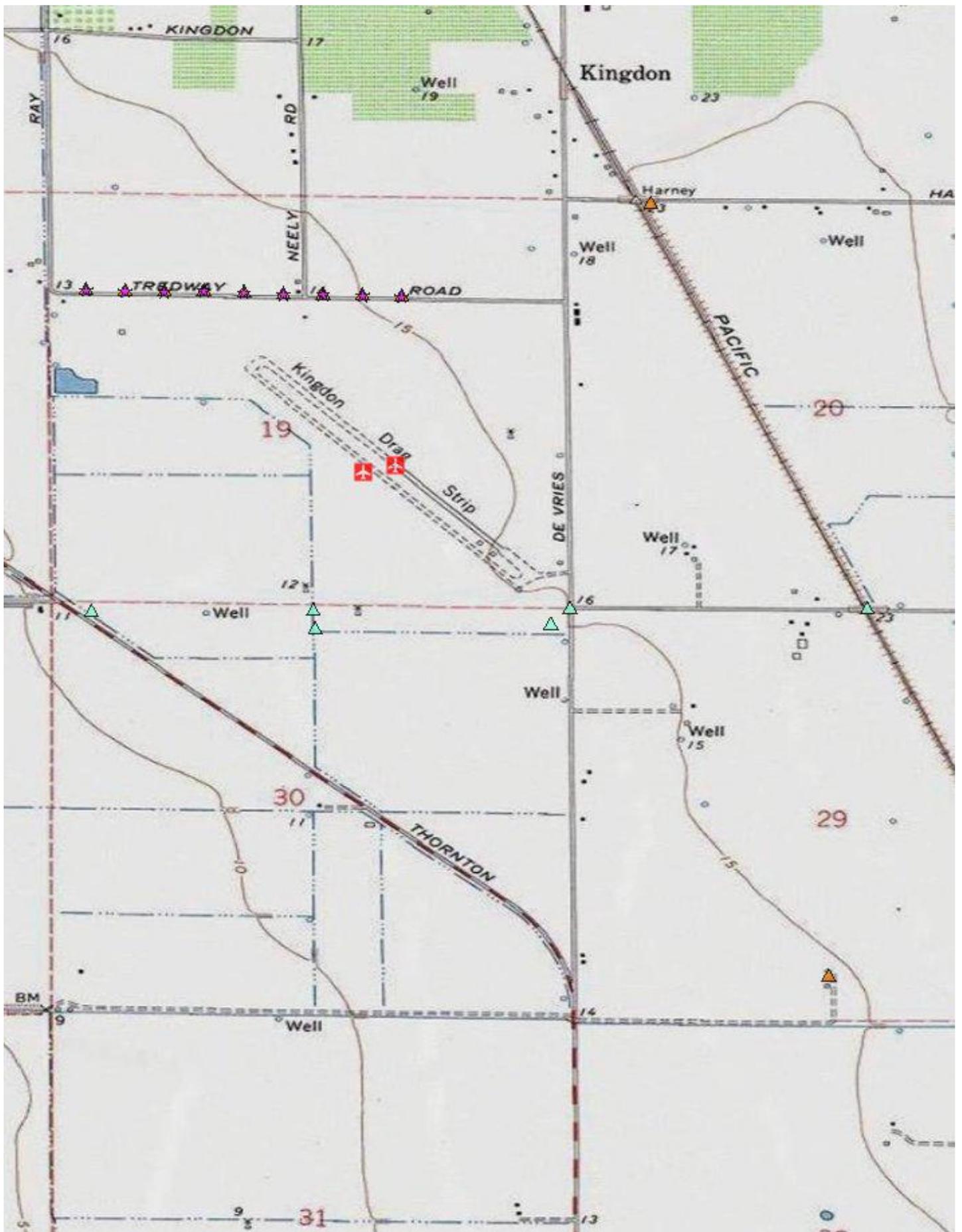
(TMP)

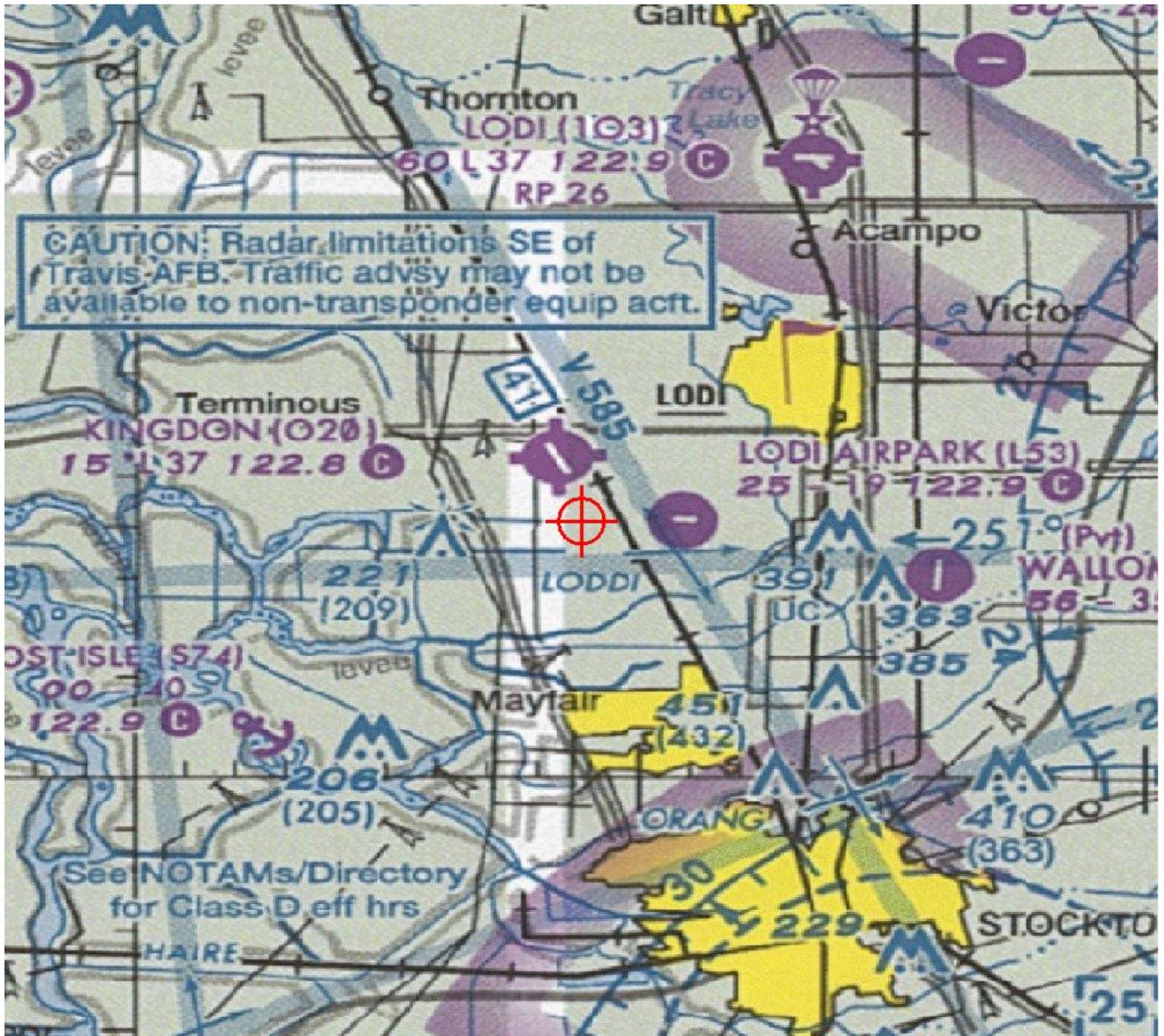
Karen McDonald
Specialist

Attachment(s)
Case Description
Map(s)

Case Description for ASN 2011-AWP-7155-OE

PG&E is constructing a natural gas pipeline for the LEC. Equipment onsite will include:
2 backhoes-12 feet tall,1 front end loader-12 feet tall, 1 side boom-11 feet tall,
1 pipe unloading track mounted boom-18 feet tall







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2601 Meacham Boulevard
Fort Worth, TX 76137

Aeronautical Study No.
2011-AWP-7160-OE

Issued Date: 11/03/2011

Hank Sanchez
Pacific Gas & Electric
231 D St
Marysville, CA 95901

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Truck Mounted boom
Location:	Lodi, CA
Latitude:	38-05-11.68N NAD 83
Longitude:	121-22-08.56W
Heights:	13 feet site elevation (SE) 20 feet above ground level (AGL) 33 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

It is required that the manager of KINGDON AIRPARK @ 209 986-0797 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

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If you have any questions, please contact our office at (310) 725-6557. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AWP-7160-OE

Signature Control No: 152938241-153140170

(TMP)

Karen McDonald
Specialist

Attachment(s)
Case Description
Map(s)

Case Description for ASN 2011-AWP-7160-OE

PG&E is constructing a natural gas pipeline for the Lodi Energy Center. Equipment onsite will include:

2 backhoes-12 feet tall,

1 front end loader-12 feet tall,

1 side boom-11 feet tall,

1 pipe unloading track mounted boom-18 feet tall

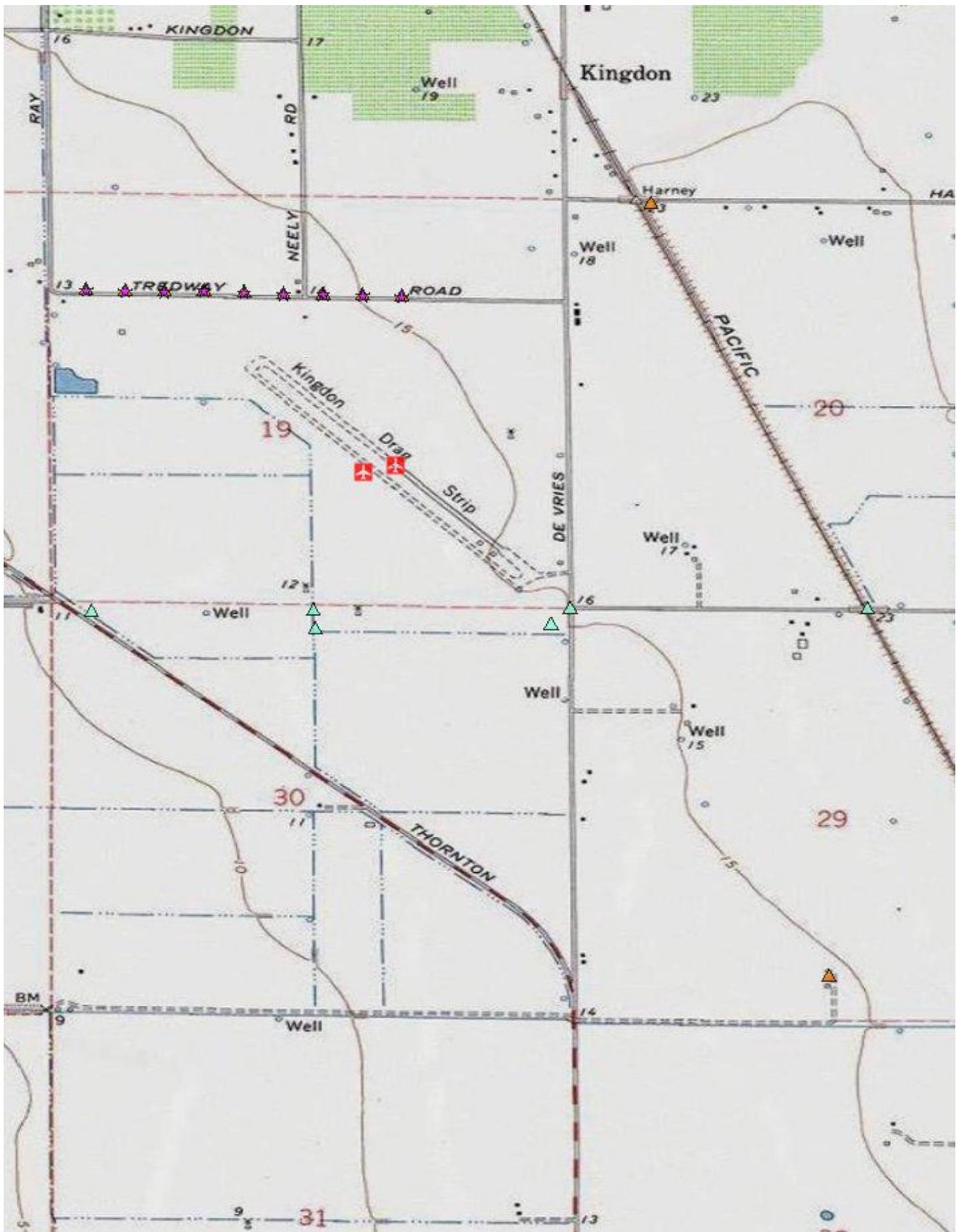




Exhibit 12

Non-Compliance Report Log

NCR NO.	Date Rec'd.	Description of NCR	Date Closed	Remarks
1	12-1-10	Inadequate clearance DB0721	2-17-11	Closed
2	12-1-10	Inadequate clearance DB0411	2-17-11	Closed
3	12-9-10	Shut off valve for hydrant closer than detailed.	7-29-11	Closed
4	1-25-11	Spacer Issues Duct bank 0421	2-17-11	Closed
5 B1	2-7-11	Damage to bundle drain couplet	11-18-11	Closed
6	2-18-11	Low concrete breaks cooling tower foundation west block of foundation	3-18-11	Closed 56 Day breaks, 4280psi, 4260psi
7	2-25-11	Wood Group flame cut holes in compressor frame without prior approval	3-4-11	Closed RFI 1211
8	3-3-11	Low concrete breaks Gas compressor pad	3-10-11	Closed per engineering evaluation. 56 day break 3900psi
9	4-5-11	Low concrete breaks DB0221 bottom lift.	4-27-11	Closed 56 Day breaks, 2330 psi
10	5-5-11	Low concrete break mid section cooling tower. Pour #102	6-1-11	Closed 56 day break 4290psi
11	4-19-11	Turbine Support bolt off location	4-27-11	Closed RFI 1276
12	4-26-11	Embed plates cast off center HRSG sump	7-27-11	Closed RFI 1291
13	5-12-11	CT enclosure anchor bolts off location	6-11-11	Closed RFI 1314
14	5-24-11	Electrical vaults leaking water		Pending final walk down
15	6-2-11	Low concrete break CTG PDC pedestals	6-30-11	Closed. 56 day break 4480PSI
16	6-15-11	Grout @ CTG package failed to bond	6-21-11	Closed
17	6-15-11	Grout on STIG pipe supports coming out		Remove, rebush & regROUT
18	7-21-11	Low concrete break water treatment building. 3940 psi	8-18-11	56 day results 8-18-11 4250PSI CLOSED
19	8-11-11	Damaged valve 11LBB40AA503	10-18-11	CLOSED
20	8-12-11	Low concrete b. 3940 break F4 Transmission foundation	9-9-11	Closed 56 day results 4080psi
21	8-18-11	Low concrete b. 3730 psi break F3 Transmission foundation	9-15-11	Closed 56 day results 4040psi

22	8-16-11	Low concrete b. 3720 psi break F2 Transmission foundation	9-13-11	Closed 56 day break results 4220psi
23	9-21-11	Wall thickness of 10" P91 deficient 10 LBA 20 Sht. 1	9-21-11	Closed SI 2011- 35rev.1
24	10-11-11	LBA 20-001-03 C 90 degree elbow ID out of tolerance	10-12-11	Closed
25	10-12-11	Clarified Water tank leaching water around base ring	11-15-11	Site instruction 2011-0052
26	10-18-11	Low concrete b. 3920 break after 56 days. Equipment pad east side of the STG enclosure foundation	11-21-11	Closed 90 day results 4220 psi
27	10-18-11	Low concrete break. 3810 F6 Transmission foundation	11-11-11	Closed 56 day results 4460 psi
28	11-8-11	Reactors in water treatment not holding water	11-15-11	Site instruction 2011-0052