



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



HEALTHY AIR LIVING™

JAN 13 2011

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

**Re: Final - Authority to Construct / COC (Significant Mod)
District Facility # C-799
Project # C-1102958**

Dear Mr. Rios:

The Air Pollution Control Officer has issued an Authority to Construct (C-799-6-2) with a Certificate of Conformity to Madera Power, LLC at 11427 Firebaugh Blvd in Firebaugh. The applicant proposes to install two plastic collection boxes and a biomass screen powered by a 465 hp diesel-fired IC engine.

Enclosed is a copy of the Authority to Construct. The application and proposal were sent to US EPA Region IX on December 7, 2010. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,


David Warner
Director of Permit Services

Enclosures
st

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



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JAN 13 2011

Mike Tollstrup, Chief
Project Assessment Branch
Air Resources Board
P O Box 2815
Sacramento, CA 95812-2815

**Re: Final - Authority to Construct / COC (Significant Mod)
District Facility # C-799
Project # C-1102958**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued an Authority to Construct (C-799-6-2) with a Certificate of Conformity to Madera Power, LLC at 11427 Firebaugh Blvd in Firebaugh. The applicant proposes to install two plastic collection boxes and a biomass screen powered by a 465 hp diesel-fired IC engine.

Enclosed is a copy of the Authority to Construct. The application and proposal were sent to US EPA Region IX on December 7, 2010. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

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JAN 13 2011

Mr. Mark De Castro
Madera Power, LLC
P.O. Box 305
Firebaugh, CA 93622

**Re: Final - Authority to Construct / COC (Significant Mod)
District Facility # C-799
Project # C-1102958**

Dear Mr. De Castro:

The Air Pollution Control Officer has issued an Authority to Construct (C-799-6-2) with a Certificate of Conformity to Madera Power, LLC at 11427 Firebaugh Blvd in Firebaugh. The applicant proposes to install two plastic collection boxes and a biomass screen powered by a 465 hp diesel-fired IC engine.

The application and proposal were sent to US EPA Region IX on December 7, 2010. No comments were received following the District's preliminary decision on this project.

The notice of final decision for this project will be published approximately three days from the date of this letter.

Enclosed is the Authority to Construct and invoice for the expedited engineering evaluation fees. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,



David Warner
Director of Permit Services

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Executive Director/Air Pollution Control Officer

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Fresno Bee

**NOTICE OF FINAL DECISION
FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT
AND SIGNIFICANT MODIFICATION OF
FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to issue an Authority to Construct to Madera Power, LLC for its Biomass Power Generation facility located at 11427 Firebaugh Blvd in Firebaugh, California. The applicant proposes to install two plastic collection boxes and a biomass screen powered by a 465 hp diesel-fired IC engine.

The District's analysis of the legal and factual basis for this proposed action, project #C-1102958, is available for public inspection at the District office at the address below. For additional information regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA, 93726-0244.



AUTHORITY TO CONSTRUCT

PERMIT NO: C-799-6-2

ISSUANCE DATE: 01/11/2011

LEGAL OWNER OR OPERATOR: MADERA POWER, LLC

MAILING ADDRESS: PO BOX 305
FIREBAUGH, CA 93622

LOCATION: 11427 FIREBAUGH BLVD
P O BOX 305
FIREBAUGH, CA 93622

EQUIPMENT DESCRIPTION:

MODIFICATION OF WOOD WASTE FUEL SCREENING AND HANDLING OPERATION WITH WET SUPPRESSION SYSTEM: INSTALL TWO PICKUP HOODS WITH BLOWERS FEEDING TWO PLASTIC COLLECTION BOXES, ONE MANUAL PICKING STATION, AND ONE DOPPSTADT ROTATING DRUM SCREEN POWERED BY A 465 BHP DAIMLER CHRYSLER TIER 3 TRANSPORTABLE DIESEL-FIRED IC ENGINE

CONDITIONS

1. 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). [District NSR Rule] Federally Enforceable Through Title V Permit
2. 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. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Authority to Construct (ATC) C-799-6-1 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this Authority to Construct. [District Rule 2201]
4. Specific Limiting Condition (SLC) limiting the annual emissions from the fuel handling listed under permit C-799-1, boiler/generator listed under permit C-799-3, the screening operation listed under permit C-799-6, the grinding operation listed under permit C-799-7 and the transportable IC engine listed under permit C-799-8 calculated on a twelve consecutive month rolling basis, shall not exceed any of the following: 417,600 lb-NOx/year, 54,000 lb-SOx/year, 83,520 lb-PM10/year, 501,120 lb-CO/year, or 200,448 lb-VOC/year. [District NSR Rule]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services
C-799-6-2 Jan 11 2011 10 30AM - TOMS Joint Inspection NOT Required

6. The wet suppression system shall be maintained in good operating condition and shall be operated at all times when screening equipment is in operation. [District Rule 2201]
7. 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. [District Rules 2201 and 4101]
8. PM10 emissions rate from this unit shall not exceed 0.003282 lb-PM10/ton of fuel processed. [District Rule 2201]
9. The quantity of material processed through the equipment shall not exceed 800 tons per day. [District Rule 2201]
10. The quantity of material processed through the equipment shall not exceed 120,000 tons per year. [District Rule 2201]
11. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
12. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93116]
13. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
14. This engine shall be equipped with an operational nonresettable volumetric fuel flow meter or other APCO approved alternative. [District Rule 4702]
15. This nonroad transportable engine utilized by this permit shall not be operated at one location for more than 12 consecutive months and shall meet all the requirements of a nonroad transportable engine, per CFR Title 40 Part 89. [CCR, Title 17 and District Rule 4701]
16. The maximum amount of fuel used in the engine shall not exceed 22,303 gallons per year when operating at facility C-799 (this limit is to enforce the zero equivalency threshold for greenhouse gas emissions). [District Rule 2201 and California Environmental Quality Act]
17. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
18. Emissions from the IC engine shall not exceed any of the following limits: 2.76 g-NO_x/bhp-hr, 1.04 g-CO/bhp-hr, or 0.15 g-VOC/bhp-hr. [District Rule 2201 and 17 CCR 93116]
19. The PM10 emissions rate from the engine shall not exceed 0.11 g/hp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102]
20. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
21. The permittee shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, amount and type of fuel used, maintenance or modifications performed, monitoring data, compliance source test results, and any other information necessary to demonstrate compliance. [District Rules 2201 and 4702]
22. A daily log shall be maintained and shall include the total quantity of material processed (in tons) and maintenance or modifications performed. [District Rule 2201]
23. For each unit subject to the Specific Limiting Condition (SLC), the permittee shall maintain all necessary records in order to show compliance with the annual SLC limits. [District NSR Rule]
24. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and 4702]



San Joaquin Valley
Unified Air Pollution
Control District

Due Date
3/14/2011

Amount Due
\$ 4,030.50

Amount Enclosed

ATCFEE C1102958
799 C170267 1/11/2011

RETURN THIS TOP PORTION ONLY, WITH REMITTANCE TO:

MADERA POWER, LLC
PO BOX 305
FIREBAUGH, CA 93622

SJVAPCD
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244

Thank You!



San Joaquin Valley
Unified Air Pollution
Control District

SJVAPCD Tax ID: 77-0262563

MADERA POWER, LLC
11427 FIREBAUGH BLVD
P O BOX 305
FIREBAUGH, CA 93622

Facility ID
C799

Invoice Date
1/11/2011

Invoice Number
C170267

Invoice Type
Project: C1102958

PROJECT NUMBER: 1102958

APPLICATION FILING FEES	\$ 71.00
ENGINEERING TIME FEES	\$ 4,030.50
TOTAL FEES	\$ 4,101.50
LESS PREVIOUSLY PAID PROJECT FEES APPLIED TO THIS INVOICE	(\$ 71.00)
PROJECT FEES DUE (Enclosed is a detailed statement outlining the fees for each item.)	\$ 4,030.50

Late Payment (see Rule 3010, Section 11.0 Late Fees)	
Postmarked	Total Due
After 3/14/2011 through 3/24/2011	\$ 4,433.55
After 3/24/2011	\$ 6,045.75
After 4/13/2011	Permits To Operate MAY BE SUSPENDED

San Joaquin Valley Air Pollution Control District
1990 E. Gettysburg Avenue, Fresno, CA 93726-0244, (559) 230-6020, Fax (559) 230-6063

Invoice Detail

Facility ID: C799

MADERA POWER, LLC
 11427 FIREBAUGH BLVD
 P O BOX 305
 FIREBAUGH, CA 93622

Invoice Nbr: C170267
 Invoice Date: 1/11/2011
 Page: 1

Application Filing Fees

Project Nbr	Permit Number	Description	Application Fee
C1102958	C-799-6-2	MODIFICATION OF WOOD WASTE FUEL SCREENING AND HANDLING OPERATION WITH WET SUPPRESSION SYSTEM: INSTALL TWO PICKUP HOODS WITH BLOWERS FEEDING TWO PLASTIC COLLECTION BOXES, ONE MANUAL PICKING STATION, AND ONE DOPPSTADT ROTATING DRUM SCREEN POWERED BY A 465 BHP DAIMLER CHRYSLER TIER 3 TRANSPORTABLE DIESEL-FIRED IC ENGINE	\$ 71.00
Total Application Filing Fees:			\$ 71.00

Engineering Time Fees

Project Nbr	Quantity	Rate	Description	Fee
C1102958	24.5 hours	\$ 147.00 /h	After-Hours Engineering Time(OverTime)	\$ 3,601.50
			Less Credit For Application Filing Fees	(\$ 71.00)
			After-Hours Engineering Time(OverTime) SubTotal	\$ 3,530.50
C1102958	5 hours	\$ 100.00 /h	Standard Engineering Time	\$ 500.00
Total Engineering Time Fees:				\$ 4,030.50