



JAN 21 2011

Mr. Timothy Alburger
Seneca Resources
P.O. Box 9279
Bakersfield, CA 93389-9279

**Re: Notice of Final Decision - ATC / Certificate of Conformity
Facility # S-1114
Project # S-1103507**

Dear Mr. Alburger:

The Air Pollution Control Officer has issued Authority to Construct permits to Seneca Resources for its heavy oil facility heavy oil western stationary source, California. This project will reduce waste gas flow from a 20 MM Btu/hr flare to no more than 4.9 MM Btu/hr for a flare minimization plan exemption from Rule 4311.

Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permits with Certificate of Conformity was published on November 29, 2010. The District's analysis of the proposal was also sent to US EPA Region IX on November 29, 2010. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

David Warner
Director of Permit Services

DW: DG/cm

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



JAN 21 2011

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

**Re: Notice of Final Decision - ATC / Certificate of Conformity
Facility # S-1114
Project # S-1103507**

Dear Mr. Rios:

The Air Pollution Control Officer has issued Authority to Construct permits to Seneca Resources for its heavy oil facility heavy oil western stationary source, California. This project will reduce waste gas flow from a 20 MM Btu/hr flare to no more than 4.9 MM Btu/hr for a flare minimization plan exemption from Rule 4311.

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Notice of the District's preliminary decision to issue the Authority to Construct permits with Certificate of Conformity was published on November 29, 2010. The District's analysis of the proposal was also sent to CARB on November 29, 2010. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

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JAN 21 2011

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

Re: Notice of Final Decision - ATC / Certificate of Conformity
Facility # S-1114
Project # S-1103507

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to Seneca Resources for its heavy oil facility heavy oil western stationary source, California. This project will reduce waste gas flow from a 20 MM Btu/hr flare to no more than 4.9 MM Btu/hr for a flare minimization plan exemption from Rule 4311.

Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

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Sincerely,

David Warner
Director of Permit Services

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Tel: 661-392-5500 FAX: 661-392-5585

Bakersfield Californian

**NOTICE OF FINAL DECISION
FOR THE ISSUANCE OF AUTHORITY
TO CONSTRUCT PERMITS**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to Seneca Resources for its heavy oil facility heavy oil western stationary source, California. This project will reduce waste gas flow from a 20 MM Btu/hr flare to no more than 4.9 MM Btu/hr for a flare minimization plan exemption from Rule 4311.

No comments were received following the District's preliminary decision on this project.

The application review for Project #S-1103507, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. **SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 34946 FLYOVER COURT, BAKERSFIELD CA 93308.**



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1114-73-5

ISSUANCE DATE: 01/10/2011

LEGAL OWNER OR OPERATOR: SENECA RESOURCES
MAILING ADDRESS: 2131 MARS COURT
BAKERSFIELD, CA 93308-6830

LOCATION: HEAVY OIL WESTERN
CA

SECTION: NE24 **TOWNSHIP:** 26S **RANGE:** 20E

EQUIPMENT DESCRIPTION:

MODIFICATION OF 20 MMBTU/HR FLARE, 3 IN DIA X 12 FT TALL, SERVING PRIMARY PRODUCTION WELL VENT VAPOR CONTROL SYSTEM, TANK BATTERY '-54 VAPOR CONTROL SYSTEM, & TEOR WELL VENT VAPOR CONTROL SYSTEM '-100 (STAR LEASE); LIMIT HEAT INPUT CAPACITY TO 4.9 MM BTU/HR FOR FLARE MINIMIZATION PLAN EXEMPTION FROM RULE 4311

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. Capacity of flare shall not exceed 4.9 MM Btu/hr. [District Rules 2201 and 4311]
4. Except for the pilot, each gas inlet to flare shall be equipped with recording flow rate meter. [District Rules 2201 and 4311]
5. Operator shall demonstrate the heat input capacity of the flare daily by calculation, using the metered volume of the gas delivered to the flare and the most current measured heating value of the gas stream. Except for the pilot, heating value for the gas stream shall be determined at least once every six months by sample analysis. [District Rule 2201 and 4311]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 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

6. Emission rates shall not exceed the following: PM10: 0.0202 lb/MMBtu, NO_x (as NO₂): 0.068 lb/MMBtu, VOC: 0.0210 lb/MMBtu, and CO: 0.37 lb/MMBtu. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Sulfur content of gases burned in flare shall not exceed 303.7 gr/100 Scf as total sulfur. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Gas sulfur content and higher heating value shall be measured quarterly using gas chromatographic analysis to calculate SO_x emission rate. Test reports of measured fuel sulfur content and higher heating value shall be maintained. The calculated SO_x emission rate shall be recorded in format approved by the District. If compliance with the SO_x emission rate has been demonstrated for 8 consecutive quarters for a fuel source, then the testing frequency shall be annually. If an annual fuel sulfur content and higher heating value testing fails to show compliance, quarterly testing shall resume [District Rule 1070 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. The permittee shall keep accurate daily records of volume of gas flared for a period of five years, and shall make such records available for District inspection upon request. [District Rule 1070 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
10. Flares shall be designed for and operated with no visible emissions except for periods not to exceed a total of three (3) minutes in any one (1) hour. [District Rule 4101, 5.1] Federally Enforceable Through Title V Permit
11. The flare shall be inspected quarterly during operation for visible emissions, using EPA Method 22. If visible emissions are observed, corrective action shall be taken. If visible emissions cannot be eliminated, an EPA Method 9 test shall be conducted within 24 hours. [2520, 9.3.2] Federally Enforceable Through Title V Permit
12. The flame shall be present at all times when combustible gases are vented through the flare. [District Rule 4311, 5.2] Federally Enforceable Through Title V Permit
13. The outlet shall be equipped with an automatic ignition system, or, shall operate with a pilot flame present at all times when combustible gases are vented through the flare, except during purge periods for automatic-ignition equipped flares. [District Rule 4311, 5.3] Federally Enforceable Through Title V Permit
14. Except for flares equipped with a flow-sensing ignition system, a heat sensing device such as a thermocouple, ultraviolet beam sensor, infrared sensor, or an equivalent device, capable of continuously detecting at least one pilot flame or the flare flame is present shall be installed and operated. [District Rule 4311, 5.4] Federally Enforceable Through Title V Permit
15. Flares that use flow-sensing automatic ignition systems and which do not use a continuous flame pilot shall use purge gas for purging. [District Rule 4311, 5.5] Federally Enforceable Through Title V Permit
16. The requirements of SJVAPCD District Rule 4101 (Amended November 15, 2001) are addressed in a previous permit condition. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
17. The requirements of SJVAPCD District Rule 4311 (as amended June 18, 2009) are addressed in this permit. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit