JAN 14 2015

Martha Brock
BreitBurn Operating LP
515 S Flower Street
Los Angeles, CA 90071-2241

RE: Notice of Final Action - Authority to Construct
Facility Number: S-510
Project Number: S-1143169

Dear Ms. Brock:

The Air Pollution Control Officer has issued the Authority to Construct permit to BreitBurn Operating LP for a flare, in western Kern County. Enclosed are the Authority to Construct permit 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 permit was published on 11/29/14. The District's analysis of the proposal was also sent to CARB on 11/26/14. 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 at (661) 392-5500.

Sincerely,

Arnaud Marjollet
Director of Permit Services

AM:dbt/ya

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email

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
34846 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

www.valleyair.org www.healthyairliving.com
AUTHORITY TO CONSTRUCT

PERMIT NO: S-510-27-2

LEGAL OWNER OR OPERATOR: BREITBURN OPERATING LP
MAILING ADDRESS: 515 S FLOWER ST - STE 4800
LOS ANGELES, CA 90071

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
DOW CHANCELLOR LEASES-BELRIDGE OIL FIELD
KERN COUNTY, CA

EQUIPMENT DESCRIPTION:
MODIFICATION OF 1,500 BBL FIXED ROOF WASH TANK WITH VAPOR CONTROL SYSTEM CONSISTING OF
GAS/LIQUID SEPARATOR, GAS BOOT, HEAT EXCHANGER, COMPRESSOR, SUCTION & DISCHARGE SCRUBBERS
SHARED WITH PERMITS S-510-2, '-3, '-7, '-23, '-24, '-25, '-26, '-28, '-29, '-30, '-31 AND '-32: REPLACE VAPOR
CONTROL SYSTEM FLARE S-510-21 WITH FLARE S-510-33

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. 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 Rule 4101]
3. Permittee's crude oil production shall average less than 6,000 bbl/day from all operations within Kern County and
   permittee shall not engage in refining, transporting, or marketing of refined petroleum products. [District Rule 4623]
4. Collected vapors shall be routed to sales line or incinerated in flare S-510-33. [District Rule 2201]
5. Fugitive VOC emissions from the component leaks associated with this tank and vapor control system shall not
   exceed 0.7 lb/day. [District Rule 2201]
6. Fugitive VOC emissions shall be calculated using the EPA "1995 Protocol for Equipment Leak Emissions Estimates"
   (Document EPA-453/R-95-017), Table 2-4, Oil and Gas Production Operations Average Emission Factors. [District
   Rule 2201]

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

Arnaud Marjollet, Director of Permit Services

Southern Regional Office • 34946 Flyover Court • Bakersfield, CA 93308 • (661) 392-5500 • Fax (661) 392-5585
7. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank, and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in leak free condition. The VOC control device shall be either of the following: a vapor return or condensation system that connects to a gas pipeline distribution system, or an approved VOC destruction device that reduces the inlet VOC emissions by at least 95% by weight as determined by the test method specified in Section 6.4.7. [District Rule 4623]

8. Except as otherwise provided on this permit, this tank shall be maintained in a leak-free condition. [District Rule 4623]

9. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 parts per million by volume (ppmv), as methane, above background on a portable hydrocarbon detection instrument that is calibrated with methane in accordance with EPA Method 21. [District Rule 4623]

10. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623]

11. Operator shall visually inspect tank shell, hatches, seals, seams, cable seals, valves, flanges, connectors, and any other piping components directly affixed to the tank and within five feet of the tank at least once per year for liquid leaks, and with a portable hydrocarbon detection instrument conducted in accordance with EPA Method 21 for gas leaks. Operator shall also visually or ultrasonically inspect as appropriate, the external shells and roofs of uninsulated tanks for structural integrity annually. [District Rule 4623, Table 3]

12. Upon detection of a liquid leak, defined as a leak rate of greater than or equal to 30 drops per minute, operator shall repair the leak within 8 hours. For leaks with a liquid leak rate of between 3 and 30 drops per minute, the leaking component shall be repaired within 24 hours after detection. [District Rule 4623, Table 3]

13. Upon detection of a gas leak, defined as a VOC concentration of greater than 10,000 ppmv measured in accordance with EPA Method 21, operator shall take one of the following actions: 1) eliminate the leak within 8 hours after detection; or 2) if the leak cannot be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices, and eliminate the leak within 48 hours after minimization. In no event shall the total time to minimize and eliminate a leak exceed 56 hours after detection. [District Rule 4623, Table 3]

14. Components found to be leaking either liquids or gases shall be immediately affixed with a tag showing the component to be leaking. Operator shall maintain records of the liquid or gas leak detection readings, date/time the leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623, Table 3]

15. Leaking components that have been discovered by the operator that have been immediately tagged and repaired within the timeframes specified in District Rule 4623, Table 3 shall not constitute a violation of this rule. Leaking components as defined by District Rule 4623 discovered by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within the timeframes specified in District Rule 4623, Table 3 shall constitute a violation of this rule. [District Rule 4623, Table 3]

16. If a component type for a given tank is found to leak during an annual inspection, operator shall conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If no components are found to leak after four consecutive quarters, the operator may revert to annual inspections. [District Rule 4623, Table 3]

17. All piping, fittings, and valves on this tank shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leaking provisions of this permit. [District Rule 4623]

18. Any component found to be leaking on two consecutive annual inspections is in violation of the District Rule 4623, even if it is under the voluntary inspection and maintenance program. [District Rule 4623, Table 3]

19. Permittee shall maintain accurate records of the component count for this tank. Permittee shall update such records when new components are approved and installed. [District Rule 2201]

20. Operator shall maintain an inspection log containing the following: 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 8 hours after detection. [District Rules 2201 and 4623]

CONDITIONS CONTINUE ON NEXT PAGE
21. Operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rules 2201 and 4623]
AUTHORITY TO CONSTRUCT

PERMIT NO: S-510-33-0

LEGAL OWNER OR OPERATOR: BREITBURN OPERATING LP
MAILING ADDRESS: 515 S FLOWER ST - STE 4800
LOS ANGELES, CA 90071

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
DOW CHANCELER LEASES-BELRIDGE OIL FIELD
KERN COUNTY, CA

SECTION: NE12 TOWNSHIP: 28S RANGE: 20E

EQUIPMENT DESCRIPTION:
140 MMBTU/HR AIR-ASSISTED PRODUCED GAS FLARE SERVING VAPOR CONTROL SYSTEM LISTED ON S-510-27

CONDITIONS

1. Prior to operating the equipment authorized under this Authority to Construct, the Permit S-510-21 shall be
   surrendered to the District and the associated equipment shall be removed or rendered inoperable. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. 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 Rule 4101]
5. No more than 3,181,818 scf/day nor 66,287,787 scf/yr of gas shall be combusted in flare. [District Rule 2201]
6. Emission rates from the flare shall not exceed any of the following limits: 0.068 lb-NOx/MMBtu (NOx as NO2); 0.057
   lb-SOx/MMBtu; 0.008 lb-PM10/MMBtu; 0.37 lb-CO/MMBtu; and 0.063 lb-VOC/MMBtu (VOC as methane).
   [District Rule 2201]
7. The flame shall be present at all times when combustible gases are vented through the flares. [District Rule 2201]
8. Flare 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 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
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all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO
9. The flares shall be operated according to the manufacturer's specifications, a copy of which shall be maintained and made available for District inspection upon request. [District Rule 2201]

10. The sulfur content of produced gas combusted in the flare shall be monitored and recorded at least once every calendar quarter. Monitoring of the sulfur content of the produced gas shall not be required if the flares do not operate during that period. Records of the results of monitoring of the produced gas sulfur content shall be maintained. [District Rule 2201]

11. Monitoring of the produced gas sulfur content shall be performed using Gas Processors Association Standard 2377; ASTM Method D1072, D3246, D4084, D4810, or D5504; EPA Method 11 or 15; ARB Method 11; a continuous fuel gas monitor that meets the requirements specified in SCAQMD Rule 431.1; or an alternative method approved by the District. [District Rule 2201]

12. The net heating value of the gas combusted by the flare shall be calculated pursuant to 40 CFR 60.18(f)(3) or by using EPA Method 18, ASTM D1945, D1946, and ASTM D2382 if published values are not available or cannot be calculated. [District Rule 2201]

13. To maintain exemption from District Rule 4311, the facility shall maintain records of annual gas combusted, and/or any other information necessary to demonstrate that the Stationary Source Potential to Emit for all processes at the facility is less than 10.0 tons/year of VOC and less than 10.0 tons/year of NOx. [District Rule 4311]

14. The permittee shall maintain records of the total quantity of produced gas (in scf) combusted in the flare each day. [District Rule 2201]

15. All records shall be maintained and retained for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 2201, and 4311]