MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

PERMIT TO OPERATE

B001926

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: AUGUST 2027

OWNER OF OPERATOR (Co.#3254)

5E SVM Operations, LLC
13200 Main Street
Trona, CA 93562

EQUIPMENT LOCATION (Fac.#7)

SVM - West End Plant
80201 Trona Road
Trona, CA 93562

Description:
COOLING TOWER - BORAX consisting of: A Sante Fe Tank and Tower Company cooling tower with design circulation rate of 4,700 gallons per minute and provides cooling for the Borax process. Equipment associated with the cooling tower is:

EQUIPMENT

Capacity	Equipment Description
90	(3) Exhaust fans, @ 30 hp each
280	(3) Utility circulating pumps, 150 hp, 100 hp, and 30 hp

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
[District Rule 204]

Fee Schedule: 1 (c) | Rating: 370 bhp | SIC: 1474 | SCC: 38500101 | Location/UTM(Km): 464E/3951N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

5E SVM Operations, LLC
P.O. Box 367
Trona, CA 93592-0367

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

2. All equipment shall be maintained and operated in strict accord with recommendations of the manufacturer/supplier and/or sound engineering principles.
[District Rule 204]

3. The drift rate shall not exceed 0.002 percent with a maximum circulation rate of 4700 gpm. The maximum emission rate of PM and PM10 shall not exceed 1.07 and 0.73 lb/hr respectively (based on a TDS of 30,000 ppmw with maximum flow rate and drift rate).
[District Regulation XIII - NSR]

4. Weekly tests of the blowdown water quality shall be performed by the owner/operator in accordance with standard test procedures. Based on these tests and a drift rate of 0.0008%, which was the measured drift date in 1990, the mass emission rates for PM and PM10 shall not exceed 1.07 and 0.73 lb/hr respectively. Results of these weekly tests, including mass emission rate, shall be logged and maintained on site for a minimum of five (5) years and provided to District, state or federal personnel upon request.
[District Regulation XIII - NSR]

5. This equipment does not require a regularly scheduled emission compliance test; however, testing may be required at the discretion of the District.
[District Regulation XIII - NSR]

6. A maintenance procedure shall be established that states how often and what procedures will be used to ensure the integrity of the drift eliminators. This procedure is to be kept on-site and be available to District, state or federal personnel upon request.
[District Rule 204]

7. The owner/operator shall maintain a log which, as a minimum, consists of the following:
(a) Date blowdown water quality test was performed,
(b) Concentration of PM and PM10,
(c) Circulation flow rate, and
(d) Mass emission rate of PM and PM10 (lb/hr).

This log shall be maintained on site for a minimum of five (5) years and be provided District, state or federal personnel upon request.
[District Rule 204]