



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

14306 Park Avenue Victorville, CA 92392-2310  
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

**TERMINATED**

B013163

Terminated type Permit has no description information.

**EXPIRES LAST DAY OF: JUNE 2022**

**OWNER OF OPERATOR (Co.#2438)**

Quality Resources  
16254 Beaver Road  
Adelanto, CA 92301

**EQUIPMENT LOCATION (Fac.#3835)**

Quality Resources  
16254 Beaver Road  
Adelanto, CA 92301

**Description:**

PLANT OIL EXTRACTION SYSTEM AND PURIFICATION PROCESSES, CANNABIS consisting of: Ethanol extraction process utilizing one 500 liter extraction vessel manufactured by Northland Stainless. Inc., a centrifuge and one BZB Silver Serpent falling film evaporator manufactured by Bizeebee. Post processing and purification processes use ethanol. Ethanol extraction is not closed loop but does occur at -35 degrees C or lower.

**CONDITIONS:**

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 204]
2. The only volatile organic compound (VOC) solvents that can be used in the Oil Extraction process (includes refinement and distillation) process is ethanol. Prior to changing solvent, the owner/operator must apply for a permit modification and have the approved, modified permit before making the change. [District Regulation XIII]
3. The only non-exempt VOC solvents that can be used in post processing is ethanol. Prior to changing solvent, the owner/operator must apply for a permit modification and have the approved, modified permit before use. [District Regulation XIII]

Fee Schedule: 7 (i)

Rating: 1 device

SIC: 2833

SCC: 3029999

Location/UTM(Km):  
459E/3825N

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.

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By: **COPY**  
**Eldon Heaston**  
Air Pollution Control Officer

4. An operations log for this equipment must be kept for a period of two (2) years, must be kept on site, and must be made available upon request of District personnel. This log shall contain, as a minimum, the following information:
  - a. The date and hours of operation each time the Oil Extraction process is operated;
  - b. Monthly, and calendar year totals of the gallons of all ethanol used in the oil extraction and post processing; and,
  - c. Copies of the Environmental Data Sheet and/or Material Safety Data Sheet (MSDS) for each solvent and material used in the Oil Extraction process.[District Rule 1302]
  
5. The owner/operator must take all steps necessary to preclude odor migration from this facility, including but not limited to:
  - a. If using any internally-exhausting activated carbon canister odor control devices, conduct carbon filter change outs whenever breakthrough is indicated (externally vented odor control devices require a separate District Permit);
  - b. Keeping doors and windows closed to the maximum extent possible; and
  - c. Isolating odor-emitting activities from other areas of the buildings through closing doors and windows.[District Rule 402]
  
6. All solvent storage containers shall be maintained in a leak-free condition at all times when not in use.  
[District Rule 442]
  
7. All VOC containing materials, whether in its form for intended use or as a waste or used product, shall be stored in nonabsorbent, non-leaking containers which shall be kept closed at all times, except when filling or emptying, and disposed of in a manner to prevent evaporation of VOCs into the atmosphere at the Facility.  
[District Rule 442]
  
8. This facility shall not emit greater than 1190 pounds per month VOCs (180 gallons ethanol lost to atmosphere). This limit is observed provided the facility maintains compliance with condition #4.  
[District Rule 442]
  
9. Exhaust from this equipment shall not be vented to the atmosphere through any type of air pollution control device (APCD) without first obtaining an additional APCD permit from the District.  
[District Rules 203, 204, and 219]
  
10. No internal combustion engines with a maximum rated power of 50 bhp or greater may be used at this facility without first obtaining an additional operating permit from the District.  
[District Rules 203, 204, and 219]
  
11. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.  
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]