



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B003481

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: SEPTEMBER 1999**

**OWNER OF OPERATOR (Co.#22)**

BNSF Railway Company  
740 East Carnegie Drive  
San Bernardino, CA 92408

**EQUIPMENT LOCATION (Fac.#236)**

BNSF Railway Co - Barstow  
200 North Avenue H  
Barstow, CA 92311

**Description:**

SOIL REMEDIATION EQUIPMENT consisting of:

**EQUIPMENT**

Capacity	Equipment Description
0	Vapor extraction wells and their piping, valving and connections to appurtenances, inclusive of sampling ports
0	A 200 cfm blower to move gases from the wells to the adsorptive canister
0	A carbon adsorptive canister which will contain approximately 2000 lbs of carbon downstream from the wells

**CONDITIONS:**

1. This equipment shall be in operation in strict accord with the manufacturer's specifications and/or recommendations or good engineering practices at all times.
2. During these operations, determinations for TPH as hexane shall be made using a photo-ionizing detector (PID) or an OVA Model 128 flame ionization detector (FID).

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4013

SCC: 9999999

Location/UTM(Km):  
493E/3861N

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.

BNSF Railway Company  
740 East Carnegie Dr  
  
San Bernardino, CA 92408-3571

By: **COPY**  
**Brad Poiriez**  
Executive Director

3. During operation, Voc samples shall be taken monthly, or more often, in Tedlar bags, for analysis by a laboratory certified by the State of California Department of Health Services (DHS). Samples shall be analyzed for TPH and BTXE. Analysis methods to be used are EPA 8015 (Modified) and 8020 respectively.
4. FIDs shall be calibrated versus methane and PIDs shall be calibrated versus hexane or isobutylene prior to each hour's analysis. The range of calibration gas shall be no more than 0-750 ppmv, as hexane.
5. When the concentration of VOC leaving the 2000 lb carbon canister exceeds 50 ppmv as hexane, the carbon shall be replaced.
6. A log of all PID/FID readings, bag sample collection/analyses and replacement of carbon shall be made, and provided in a report to District personnel on request and at the conclusion of the project The permit number shall appear on all logs and correspondence to the District..