



PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 11/23/90

Application No. 1734000056F001

Effective Date 11/23/90

Permit Fee \$250

This document constitutes issuance to:

HARRISON MINING CORP.
44961 OLD HOPEDALE ROAD
CADIZ

OHIO 43907

of a permit to operate for:

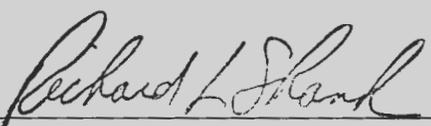
UNPAVED ROADS & PARKING AREAS
PLANT UNPAVED ROADS & PARKING AREAS

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until 11/23/93
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
NORTH OHIO VALLEY AIR AUTHORITY
814 ADAMS ST.
STEUBENVILLE, OH 43952 (614) 282-3908/3303

10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY



Director

APPLICATION NUMBER: 1734000066 F001
FACILITY NAME: Harrison Mining Corp.
EQUIPMENT DESCRIPTION: Unpaved Plant Roads & Parking Areas
COMPANY ID: Plant Roadways & Parking Areas

SPECIAL TERMS AND CONDITIONS

A. Source identification and applicable rules:

The operations covered by this Permit to Operate and the applicable particulate air pollution control regulations are:

1. Unpaved Roads & Parking Areas - OAC Rule 3745-17-08

B. Allowable particulate and fugitive dust emission limitations:

Harrison Mining Corp. shall comply with the applicable requirements of the Ohio Administrative Code and the applicable provisions herein as they relate to the fugitive dust emission source identified in paragraph A upon the effective date of the Permit to Operate.

Plant Unpaved Roadways and Parking Areas

In accordance with the requirements of paragraph B of OAC Rule 3745-17-08, Harrison Mining Corp. shall implement, as often as necessary, a dust suppressant. The dust suppressant useage can be augmented by the use of industrial oil that has been demonstrated to be non-toxic. When waste oil is used for controlling fugitive dust from the unpaved road segments and parking lots, the following restrictions shall be followed.

- a. Harrison Mining Corp. shall certify or possess certification that all waste oil used to control fugitive dust meets the PCB limitations set forth in 40 CFR 761 and that there are no listed hazardous waste or characteristic hazardous waste as set forth in 40 CFR 261.
- b. A record shall be kept for one year on the quantity of all oil applied and its certificate of compliance with 40 CFR 761 and 40 CFR 261. This certificate of compliance should include, but not be limited to, the name of the oil supplier and an analysis of the oil. The analysis shall include a standard PCB test (gas chromatography using electron capture detector, using a column packing of OV-1 or OV-17, and a florisol clean up) and representative sampling methods, EP toxicity test procedures and chemical analysis test methods as specified in 40 CFR 261, App. I, II, and III. This record shall be made available to the Director or his authorized representative for inspection.
- c. Waste oil shall be applied in such a manner as to prevent pollution of waters of the state as required by the Ohio Revised Code Section 6111.
- d. Waste oil shall be applied only to unpaved roads and parking lot surfaces and only between sunrise and sundown (daylight hours).
- e. Waste oil shall not be applied to a water saturated surface nor to surfaces on days of predicted rainfall events.

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- f. Waste oil shall not be applied at an application rate that allows pooling of liquid.
- g. Waste oil shall not be applied to the same surface more frequently than twice a week.
- h. The application of waste oil shall not cause runoff from the application surface.
- i. Waste oil shall not be applied to vegetation near or adjacent to surfaces being treated.
- j. Waste oil shall not be applied within twelve feet of structures crossing bodies of water or drainage ditches.
- k. The discharge of waste oil must stop when the applicator vehicle stops.
- l. The applicator vehicle must be moving at least five miles per hour at all times while the waste oil is being applied.
- m. The applicator vehicle discharge valve shall be locked closed between the waste oil collection point and the specific surfaces which have been approved for waste oil application.
- n. Any valve that provide for tank draining other than through the spreader bar must be locked closed during waste oil application and transport.
- o. The angle of discharge from the applicator vehicle spreader bar shall not be greater than 60 degrees from the perpendicular to the unpaved surface.

Record Keeping

In accordance with the provisions of OAC Rule 3745-35-02, Harrison Mining Corp. shall maintain the following records in the Company's file for review by the Director or his authorized representative.

- (a) The date and time of each treatment of sweeping or dust suppressant.
- (b) The type of treatment and road/parking segment treated.
- (c) The name of the person performing the treatment.
- (d) The application intensity (gallons per area of chemical dust suppressant)

PREPARED BY: Al Carducci
DATE PREPARED: August 1, 1990