



State of Ohio Environmental Protection Agency

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Columbus, Ohio 43266-0149
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George V. Voinovich
Governor

Donald R. Schregardus
Director

Re: Permit to Install
Harrison County
Application No: 17-1148

CERTIFIED MAIL

September 9, 1993

HARRISON COUNTY SANITARY LANDFILL
ROBERT T LAWRY
10700 FRANKSTOWN RD
PITTSBURGH, PA 15235

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations & Permit Section
Division of Air Pollution Control

cc: US EPA
NORTH OHIO VALLEY AIR AUTHORITY

Permit to Install Terms and Conditions

Application No. 17-1148
APS Premise No. 1734000065
Permit Fee: \$1200.00

Name of Facility: HARRISON COUNTY SANITARY LANDFILL

Person to Contact: ROBERT T LAWRY

Address: 10700 FRANKSTOWN RD
PITTSBURGH, PA 15235

Location of proposed source(s): EAST SIDE OF ST RT 9 (2 MI N OF CADIZ)
ARCHER, OHIO

Description of proposed source(s):
NONMETALLIC MINERAL PROCESSING PLANT & STORAGE PILE FOR AGGR
EGATE.

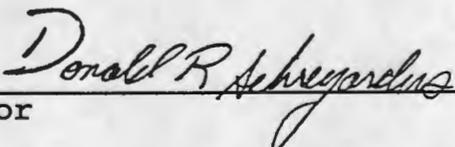
Date of Issuance: September 9, 1993

Effective Date: September 9, 1993

The above named entity is hereby granted a permit to install for the above described source(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Director

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months, if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCE(S)

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Ohio Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

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PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

BEST AVAILABLE TECHNOLOGY

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application and a \$15 application fee must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for HARRISON COUNTY SANITARY LANDFILL located in Harrison County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification/Description</u>	<u>BAT Determination</u>	<u>Applicable Federal and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control & Usage Requirements</u>
F003	Aggregate Storage Piles & Activities	Water Truck & Precautionary Operating Practices	3745-31-05 3745-17-07(B) 3745-17-08(B) 3745-15-06 3745-15-07	PM - No more than one minute of visible emissions/sixty minutes, and 1.33 ton/yr
F004	Aggregate Sizing Handling and Load Out	Water Sprays Precautionary Operating Practices	3745-31-05 3745-17-07(B) 3745-17-08(B) 3745-15-06 3745-15-07 40 CFR 60 Subpart 000	PM - 10 percent opacity as six minute average and 10.05 ton/yr

SUMMARY
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	11.38

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source No.</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
F004	Nonmetallic Minerals Aggregate Plant	000

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

1. Construction date (no later than 30 days after such date);
2. Anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
3. Actual start-up date (within 15 days after such date); and
4. Date of performance testing (at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
Permit Management Unit
P.O. Box 1049
Columbus, OH 43266-0149

and

North Ohio Valley Air Authority
814 Adams
Steubenville, OH 43952

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the North Ohio Valley Air Authority, 814 Adams, Steubenville, Ohio 43952.

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Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance test conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with written certification (see enclosed form) that the facility has constructed in accordance with the permit to install application and the terms and conditions of the permit to install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

Storage Pile Activities - F003

1. Load In

In accordance with the requirements of OAC Rules 3745-31-05 and 3745-17-08(B), Harrison County Sanitary Landfill shall:

- a. employ good operating practices when using any front-end loader;
- b. only operate such loader at the pile's side protected from the wind;
- c. load in only aggregate with sufficient moisture content to minimize or eliminate fugitive dust.

2. Wind Erosion

In accordance with the requirements of OAC Rules 3745-31-05 and 3745-17-08(B), Harrison County Sanitary Landfill shall:

- a. maintain sufficient moisture content in the aggregate storage piles by watering as needed to minimize or eliminate fugitive dust; and
- b. maintain coal storage piles in such size and shape that will minimize or eliminate visible emissions of fugitive dust caused by wind erosion.

3. Load Out

In accordance with the requirements of OAC Rules 3745-31-05 and 3745-17-08(B), Harrison County Sanitary Landfill shall:

- a. load out only aggregate from the storage piles that has sufficient moisture content to minimize or eliminate fugitive dust;
- b. instruct and require front-end loader operators to minimize the free fall distance; and
- c. dusty aggregate shall be wetted prior to removal from the storage piles.

4. Vehicle Traffic

In accordance with the requirements of OAC Rules 3745-31-05 and 3745-17-08(B), Harrison County Sanitary Landfill shall employ water sprays, or sprays of other suitable dust suppressants, as frequently as needed to minimize or eliminate fugitive dust associated with vehicle traffic associated with storage pile activities.

5. Visible Emissions

In accordance with the requirements of OAC Rules 3745-31-05 and 3745-17-08(B), Ohio Valley Transloading Co. shall employ the control measures and operating practices detailed in items 1-4 such that there are no visible emissions of particulate matter except for one minute during any sixty-minute observation period, as determined in accordance with Method 22 of 40 CFR Part 60.

Aggregate Processing - F004

6. Aggregate Processing System

In accordance with the requirements of OAC Rule 3745-17-08(B) and 3745-31-05, Harrison County Sanitary Landfill shall maintain and operate the aggregate sizing system consisting of truck dumping, primary crushing and screening, secondary crushing and screening, product load out with a water spray system of adequate size and location for the wetting of materials sufficiently to minimize or eliminate fugitive dust such that the visible emissions of particulate matter does not exceed ten percent opacity as a six-minute average as determined by Method 9 of 40 CFR Part 60.