

**PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE**

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Date of Issuance 05/26/95

Application No. 0666000050P023

Effective Date 05/26/95

Permit Fee \$000

This document constitutes issuance to:

PORTSMOUTH GASEOUS DIFFUSION PLANT DOE  
P.O. BOX 628  
PIKETON OHIO 45661

of a permit to operate for:

X-735 LANDFILL SOIL VENTING SYSTEM  
X-735 LANDFILL SOIL VENTING SYSTEM

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

1. This permit to operate shall be effective until 05/26/98  
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 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:

OHIO EPA, SOUTHEAST DISTRICT OFFICE (DAPC)  
AIR POLLUTION GROUP 2195 FRONT ST.  
LOGAN, OH 43138 (614) 385-8501

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

OHIO ENVIRONMENTAL PROTECTION AGENCY

*Donald R. Schegardus*

Director

APPLICATION NUMBER: 0666000050 P023  
FACILITY NAME: PORTSMOUTH GASEOUS DIFFUSION PLANT DOE  
EQUIPMENT DESCRIPTION: X-735 LANDFILL SOIL VENTING SYSTEM  
COMPANY ID: X-735 LANDFILL SOIL VENTING SYSTEM

**SPECIAL TERMS AND CONDITIONS**

1. Applicable Rules:

The specific operation(s), equipment and/or property which constitute the air contaminant source and which are covered by this permit are listed in the following table along with the applicable rule(s) of the Ohio Administrative Code:

<u>Operation(s), Equipment and/or Property</u>	<u>Applicable Rule(s) (OAC 3745-)</u>
X-735 Landfill Soil Venting System	3745-31-05 (A)(3)

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source).

2. Allowable Mass Emission Limitation(s) and/or Control Requirements:

The allowable mass emission limitation(s) and/or control requirements for the operation(s), equipment and/or property identified above are specified in the following table:

<u>Operation(s), Equipment and/or Property</u>	<u>Allowable Mass Emission Limitation(s) and/or Control Requirements</u>
X-735 Landfill Soil Venting System	Negligible organic compound emissions per hour.  Negligible radionuclide emissions per hour.

3. Asbestos:

- A. Precautions must be taken when constructing the vent(s) so that landfill cells containing asbestos are not disturbed.
- B. The vent(s) emissions shall be monitored at six (6) month intervals to determine if any asbestos, organic compounds, or radionuclides emissions are present.

4. Modeling and Monitoring:

The source shall not impact the ambient air quality standards of Pike County. Computer modeling and/or other OEPA approved methods shall be used to show that ambient air quality standards of Pike County are not being impacted. Benzene emissions are nil. The emissions of radionuclides and other pollutants from the venting system shall be monitored and modeled at six (6) month intervals to ensure the ambient air standards and the public's health is not being impacted.

5. Reporting Requirement:

The results of all monitoring tests and sampling analysis for the proceeding six (6) months shall be submitted to the Ohio EPA, Southeast District Office, 2195 Front Street, Logan, Ohio 43138, by February 15 and August 15 of each year.

The semiannual report shall include: computer modeling or other OEPA approved method results for radionuclides; total emissions of radionuclides; total asbestos, benzene and total organic compounds emissions.

6. Action on Monitoring Results:

If modeling or sampling shows that ambient air standards are impacted then further control of the source emissions will be required to reduce emissions below those levels. If monitoring/modeling results indicate impact on public health or ambient standards, action will be taken immediately to reduce emissions.

Prepared by: Steve Alspach   
Date prepared: April 19, 1995

SA/bje