



State of Ohio Environmental Protection Agency

STREET ADDRESS:

1800 WaterMark Drive  
Columbus, OH 43215-1099

TELE: (614) 644-3020 FAX: (614) 644-2329

MAILING ADDRESS:

P.O. Box 1049  
Columbus, OH 43216-1049

Re: Permit to Install  
Ashtabula County  
Application No: 02-1874  
NSPS

CERTIFIED MAIL

February 18, 1998

USA WASTE GENEVA LANDFILL  
SAMUEL J DONATO  
4339 TUTTLE ROAD  
GENEVA, OH 44041

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.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission 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 Review Appeals Commission 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 Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
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  
NORTHEAST DISTRICT OFFICE, DAPC  
ASHTABULA HEALTH DEPARTMENT

RECEIVED  
MAR - 4 1998  
OHIO EPA NEDO

George V. Voinovich, Governor  
Nancy P. Hollister, Lt. Governor  
Donald R. Schregardus, Director



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## Permit to Install Terms and Conditions

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Application No. 02-1874  
APS Premise No. 0204030303  
Permit Fee: \$2300.00

Name of Facility: USA WASTE GENEVA LANDFILL

Person to Contact: SAMUEL J DONATO

Address: 4339 TUTTLE ROAD  
GENEVA, OH 44041

Location of proposed source(s): 4339 TUTTLE ROAD  
GENEVA, OHIO

Description of proposed source(s):  
SOIL STOCKPILES, 269000 GALLON STORAGE TANK, 14900 GALLON ST  
ORAGE TANK, 12900 GALLON STORAGE TANK.

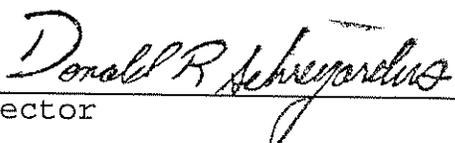
Date of Issuance: February 18, 1998

Effective Date: February 18, 1998

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 SOURCES

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 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 cannot meet applicable standards.

#### PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 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 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 filed no later than thirty days after commencement of operation.

#### SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for USA WASTE GENEVA LANDFILL located in Ashtabula 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 &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
F003	Soil stockpiles	No visible particulate matter emissions except for a period of time not to exceed one minute during any sixty-minute observation period.	3745-31-05 3745-17-07 3745-17-08	7.1 pounds/day of PM, 1.37 TPY of PM; 1 minute of visible emissions in any 60 minute period Less stringent than BAT limit See Additional Special Terms and Conditions A.1 and A.2
T001	269,000 gallon Leachate storage tank	Leachate water storage only	3745-31-05 40 CFR 60 Subpart Kb	0.1 TPY of OC See Additional Special Terms and Conditions
T002	14,900 gallon Leachate storage tank	Leachate water storage only	3745-31-05 40 CFR 60 Subpart Kb	0.1 TPY of OC See Additional Special Terms and Conditions
T003	12,900 gallon Leachate storage tank	Leachate water storage only	3745-31-05 40 CFR 60 Subpart Kb	0.1 TPY of OC See Additional Special Terms and Conditions

**SUMMARY**  
**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
OC	0.3
PM	1.37

**RECORD(S) RETENTION AND AVAILABILITY**

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

**REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to OEPA Northeast District Office - DAPC, 2110 East Aurora Road, Twinsburg, Ohio 44087.

**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 OEPA Northeast District Office - DAPC, 2110 East Aurora Road, Twinsburg, Ohio 44087.

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.

**NEW SOURCE PERFORMANCE STANDARD SUBPART Kb**

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.

<u>Source Number(s):</u>	<u>Tank Size:</u>	<u>Max Vapor Pressure</u>
T001	269,000 gallon	1.0
T002	14,900 gallon	1.0
T003	12,900 gallon	1.0

**ADDITIONAL SPECIAL TERMS AND CONDITIONS**

**I. Soil Stockpiles (F003)**

**A. Operational Restrictions**

1. All loading in and loading out operations, pile working operations, and pile surfaces associated with the storage piles shall periodically be treated with water or other suitable dust suppression chemicals to minimize or eliminate, at all times, visible emissions of fugitive dust and to ensure compliance with the visible emission limitations.
2. The control measures shall be employed for each loading in and loading out operation, pile working operation, and pile surface of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure necessary to minimize or eliminate visible emissions of fugitive dust and to ensure compliance with the visible emission limitations.

**B. Monitoring and/or Recordkeeping Requirements**

1. Each storage pile shall, at a minimum, be inspected by the permittee daily.

The inspections shall be performed during representative, normal storage pile operating conditions. No inspection shall be necessary for wind erosion from the surface of the pile when the

pile is covered with snow and/or ice and for any storage pile activity if precipitation occurs that is sufficient to minimize or eliminate visible emissions of fugitive dust and to ensure compliance with the visible emissions limitations. The suspension of an inspection shall terminate when the event causing the suspension ends.

The permittee may, upon notice to the Northeast District Office of the Ohio EPA, modify the inspection frequency if operating experience indicates that less frequent inspections would be sufficient to minimize or eliminate visible emissions of fugitive dust and to ensure compliance with the visible emission limitations.

2. The permittee shall maintain record of the following information:
  - a. the date each loading in operation, loading out operation, pile working operation, or pile surface was inspected;
  - b. the results of the inspection of each loading in operation, loading out operation, pile working operation, or pile surface (e.g., no treatment needed or treatment determined to be needed);
  - c. the date each loading in operation, loading out operation, pile working, or pile surface was treated or continuous treatment initiated;
  - d. the date and reason any treatment scheduled as a result of an inspection was not performed or initiated; and,
  - e. the date of each required inspection that was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation.

**C. Reporting Requirements**

1. The permittee shall submit quarterly reports that identify any inspection that was not performed due to an exemption for snow and/or ice cover or precipitation. The reports shall also identify any treatment that was scheduled as result of an inspection, and was performed or initiated. These reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

**D. Testing Requirements**

1. The following test methods shall be employed to demonstrate compliance with the allowable visible emission limitations: Method 22 of 40 CFR Part 60, Appendix A.
2. Compliance with the mass emission limitation of this PTI shall be demonstrated in accordance with the following methods:

Emission Limitation

Fugitive particulate emissions limited to 0.21 pound per day and 0.037 ton per year.

Applicable Compliance Method

AP-42 emission factors from Aggregate Handling and Storage Piles; Section 13.2.4, and a compilation of annual materials usage data.

**II. 269,000 Gallon Storage Tank; 14,900 Gallon Storage Tank; 12,900 Gallon Storage Tank (T001, T002, T003)**

**A. Operational Restrictions**

1. The permittee shall only store leachate water from the landfill in these tanks.