



State of Ohio Environmental Protection Agency

STREET ADDRESS:

1800 WaterMark Drive
Columbus, OH 43215-1099

TELE: (614) 644-3020 FAX: (614) 644-8229

MAILING ADDRESS:

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

Re: Permit to Install
Stark County
Application No: 15-1282

CERTIFIED MAIL

March 26, 1997

RECEIVED

MAR 27 1997

COUNTYWIDE

COUNTYWIDE RECYCLING & DISPOSAL FACILITY
TIM VANDERSALL
3619 GRACEMONT STREET SW
EAST SPARTA, OH 44626

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 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
CANTON AIR POLLUTION CONTROL



Permit to Install Terms and Conditions

Application No. 15-1282
APS Premise No. 1576001579
Permit Fee: \$2400.00

Name of Facility: COUNTYWIDE RECYCLING & DISPOSAL FACILITY

Person to Contact: TIM VANDERSALL

Address: 3619 GRACEMONT STREET SW
EAST SPARTA, OH 44626

Location of proposed source(s): 3619 GRACEMONT STREET SW
EAST SPARTA, OHIO

Description of proposed source(s):
LIQUID WASTE SOLIDIFICATION PROCESS.

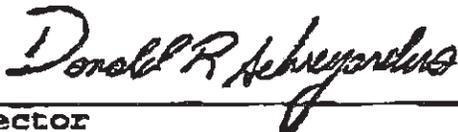
Date of Issuance: March 26, 1997

Effective Date: March 26, 1997

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)

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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.

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AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for COUNTYWIDE RECYCLING & DISPOSAL FACILITY located in Stark 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 & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
F004	Sawdust or other suitable mixing agent and select solid waste storage piles associated with the solidification of non-hazardous liquid wastes into solid wastes operation, Emissions Unit F005; see A.1.a	Use of watering, minimization of drop heights during handling of dusty materials, tarping of sawdust storage pile, operating time and process rate limitations, visible emissions limitations	3745-31-05 including but not limited to 3745-31-05 (A) (3)	Operate this emissions unit in such a manner as to minimize or eliminate visible particulate emissions of fugitive dust and in accord with the requirements of OAC 3745-17-08 (B). VE Limitations: See A.2.a. See the following Additional Special Terms and Conditions
F005	Solidification of non-hazardous liquid wastes into solid wastes; see Additional Special Term and Condition A.1.b.	Use of in-ground mixing tank, use of watering minimization of drop heights during handling of dusty materials, operating time and process rate limitations,	3745-31-05 including but not limited to 3745-31-05 (A) (3)	Operate this emissions unit in such a manner as to minimize or eliminate visible particulate emissions of fugitive dust and in accord with the requirements

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<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
		visible emissions limitations		of OAC 3745-17-08(B). VE Limitations: See A.2.b. See the following Additional Special Terms and Conditions

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	58.5

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 Canton Air Pollution Control, 420 Market Ave. N. , City Hall, Canton, Ohio 44702-1544.

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.

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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 Canton Air Pollution Control, 420 Market Ave. N. , City Hall, Canton, Ohio 44702-1544.

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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Additional Terms and Conditions

1. a. Emissions unit F004, the storage piles associated with emissions unit F005, shall consist of a mixing agent storage pile and a select solid waste storage pile and shall include the following operations: truck unloading, load in and load out of such materials to the piles, and the operation of the front end loader during these operations. The mixing agents may include sawdust or other suitable dry materials.
- b. Emissions unit F005 shall consist of the placement of the mixing agent or select solid waste into an in-ground, open topped, mixing tank and the mixing of the select solid wastes or mixing agents with liquid wastes in the tank to produce solid waste.
2. Visible Particulate Emissions Limitations
 - a. For emissions unit F004, there shall be no visible emissions except for a period of time not to exceed one minute during any sixty minute operating period, except during periods of handling of the materials in the storage piles. During periods of handling of the materials in the storage piles, there shall be no visible particulate emissions which exceed 20% opacity as a three minute average.

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- b. For emissions unit F005, during the placement of the mixing agent or select solid waste into the mixing tank and during the mixing of the select solid wastes or mixing agents with liquid wastes, there shall be no visible particulate emissions which exceed 20% opacity as a three minute average.

B. Operational Restrictions

1. In order to minimize or eliminate visible particulate emissions of fugitive dust:
 - a. the mixing of the liquid wastes and select solid wastes or mixing agent shall take place only in the in-ground tank;
 - b. during the unloading of trucks, the load in and load out of the storage piles, and the loading of the in-ground tank, the drop height shall be minimized;
 - c. the permittee shall maintain and operate a watering system consisting of a permanent water storage tank, hoses, nozzles, and any other necessary equipment to spray water on the select solid wastes and mixing agents. Water shall be sprayed whenever necessary to minimize or eliminate visible particulate emissions of fugitive dust such that there are no violations of the visible particulate emissions limitations in this permit;
 - d. when a storage pile of sawdust is in existence and whenever this emissions unit is not in operation, in addition to any necessary watering as described in the paragraph above, the storage pile shall be covered with a tarp;
 - e. no dusty materials shall be dumped during periods when wind speed exceeds 20 MPH unless the material has been watered prior to the dumping and will be watered during the dumping operation. The permittee shall utilize the wind speed indicator required for the operation of emissions unit F002, Landfill Operations, to obtain wind speed readings; and
 - f. emissions unit F004 and F005 shall be operated such that the handling of the sawdust is minimized in accord with good engineering judgement.
2. The permittee shall not handle any material associated with emissions units F004 more than ten hours per day and 312 days per calendar year. The permittee shall not operate emissions units F005 more than ten hours per day and 312 days per calendar year.

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3. The permittee shall not operate this emissions unit such that amounts of mixing agents being mixed in the in-ground tank exceeds 1050 cubic yards per day.
4. The permittee shall not unload more than 7500 cubic yards of sawdust in any one day and shall not store more than 7500 cubic yards of sawdust at any one time. The permittee shall not unload more than 281,000 cubic yards of sawdust in any one calendar year.

C. Monitoring and/or Recordkeeping Requirements

1. Monitoring Requirements

The permittee or his agent shall perform visible particulate emissions readings during the operations of emissions unit F004 and F005, whenever necessary, and according to the methods listed in Additional Special Term and Condition E.1.b. or E.1.c. as appropriate, to determine when watering is necessary and to prove that there are no visible particulate emissions violations. The person who performs the necessary Method 9 visible particulate emissions readings shall be a certified visible emissions evaluator. Records shall be maintained by the permittee of the visible particulate emissions readings.

2. Recordkeeping Requirements

- a. A record of water applications required by this permit shall be maintained by the permittee. The records of water applications shall be maintained in a bound logbook at the facility site for a period of not less than three years and shall be made available to the Director, or any authorized representative of the Director, for review during normal business hours. The record of each water application shall include which operation(s) was watered, the type of material(s) being watered, and the date of the water application.
- b. The records of the visible particulate emissions readings required by this permit shall be maintained in a bound logbook at the facility site for a period of not less than three years and shall be made available to the Director, or any authorized representative of the Director, for review during normal business hours. The record of visible particulate emissions readings shall include the items recommended to be recorded in the appropriate method.
- c. The permittee shall maintain daily records of the number of hours that this emissions unit was operated, the volume of sawdust unloaded, and the

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volumes of mixing agents mixed in the in-ground tank. These records shall be maintained in a bound logbook at the facility site for a period of not less than three years and shall be made available to the Director, or any authorized representative of the Director, for review during normal business hours.

- d. The permittee shall maintain any records required by the "Waste Management, Inc. Directive Number ED-111" described in Additional Special Term and Condition F.2. as required by this Directive.

D. Reporting Requirements

1. None.

E. Compliance Methods and Testing Requirements

1. Compliance Methods

Compliance with the mass emissions limitation(s) and control/usage requirements in the Air Emission Summary of this Permit to Install listed below shall be determined in accordance with the following method(s):

Emission Limitation/Compliance Method

- a. 58.5 TPY PM / In order to comply with the annual PM emission limitation the permittee shall comply with the visible particulate emissions limitations, the other BAT requirements, monitoring requirements, and recordkeeping requirements of this permit.
- b. For the following operations associated with emissions unit F004 (truck unloading, load in and load out of such materials to the piles, and the operation of the front end loader during these operations), and, for the following operations associated with emissions unit F005 (the placement of the mixing agent or select solid waste into the mixing tank and the mixing of the select solid wastes or mixing agents with liquid wastes): 20% opacity limit as a three minute average / Method 9 in accord with OAC 3745-17-03(B)(3).
- c. For the storage piles, except during periods when associated material is being handled, no visible emissions except for a period of time not to exceed one minute during any sixty minute period / Method 22 in accord with OAC 3745-17-03 (B)(4).

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F. Miscellaneous Requirements

1. Authority to Enter

Pursuant to the authority in OAC rule 3745-77-07(C)(2) or ORC section 3704.03(L), any representative of the Director may, upon presentation of proper identification, enter at any reasonable time upon any portion of the property where this landfill is located, including any improvements thereon, to make inspections, take samples, conduct tests and examine records or reports pertaining to any emissions of air contaminants and any monitoring equipment, emissions control equipment or methods. No operator or agent of this landfill shall act in any manner to refuse, hinder, or thwart this legal right of entry.

2. The permittee shall not process liquid wastes that are hazardous wastes, radioactive wastes, regulated polychlorinated biphenyl (PCB) wastes, or asbestos-containing wastes. In order to comply with this requirement, the permittee shall comply with the "Waste Management, Inc. Directive Number ED-111", with issue date March 2, 1992 and revision date September 27, 1996 which was submitted as part of the permit application.

3. The permittee shall not utilize any combination of select solid wastes or mixing agents and liquid wastes in emission unit F005, which will result in the emissions of any air contaminant, except particulate matter, in excess of the de minimis amounts in accord with the De Minimis Rule, OAC 3745-15-05, unless a Permit to Install (PTI) or PTI modification is obtained from the Ohio EPA prior to beginning such utilization. In addition, the permittee shall not utilize the solid waste from an aluminum foundry known as hot cake as a select solid waste to mix with non-hazardous liquid waste unless a Permit to Install (PTI) or PTI modification is obtained from the Ohio EPA prior to beginning such utilization. The permittee may utilize the solid waste from an aluminum foundry which has been previously weathered as a select solid waste to mix with non-hazardous liquid waste.