



State of Ohio Environmental Protection Agency

**RE: DRAFT PERMIT TO INSTALL
STARK COUNTY**

CERTIFIED MAIL

Street Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:
Lazarus Gov.
Center

Application No: 15-01594
Fac ID: 1576051900

DATE: 5/10/2005

JMW Solid Waste Transfer Station
John Slutz
512 - 45th Street SW
Canton, OH 44706

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **\$1450** will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,
Michael W. Ahern
Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA Canton LAA Stark Co Area Trans Study WV PA

STARK COUNTY

PUBLIC NOTICE

**ISSUANCE OF DRAFT PERMIT TO INSTALL 15-01594 FOR AN AIR CONTAMINANT SOURCE FOR
JMW Solid Waste Transfer Station**

On 5/10/2005 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **JMW Solid Waste Transfer Station**, located at **1800 Allen Ave SE, Canton, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 15-01594:

Solid Waste Transfer Station.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Dan Aleman, Canton City Health Department, 420 Market Avenue, Canton, OH 44702-1544 [(330)489-3385]



**Permit To Install
Terms and Conditions**

**Issue Date: To be entered upon final issuance
Effective Date: To be entered upon final issuance**

DRAFT PERMIT TO INSTALL 15-01594

Application Number: 15-01594
Facility ID: 1576051900
Permit Fee: **To be entered upon final issuance**
Name of Facility: JMW Solid Waste Transfer Station
Person to Contact: John Slutz
Address: 512 - 45th Street SW
Canton, OH 44706

Location of proposed air contaminant source(s) [emissions unit(s)]:
**1800 Allen Ave SE
Canton, Ohio**

Description of proposed emissions unit(s):
Solid Waste Transfer Station.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(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 emissions unit(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 emissions unit(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

JMW Solid Waste Transfer Station

Facility ID: 1576051900

PTI Application: 15-01594

Issued: To be entered upon final issuance

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, 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 air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any

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information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of 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 the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. 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.

9. Construction of New Sources(s)

The proposed emissions unit(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

JMW Solid Waste Transfer Station**Facility ID: 1576051900****PTI Application: 15-01594****Issued: To be entered upon final issuance**

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 cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(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 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 the requirements of this permit or cannot meet applicable standards.

10. 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.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. 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.

13. Source Operation and Operating Permit Requirements 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, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

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14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been 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.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	37.4

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- 2.a** The permittee shall employ best available control measures on all paved roadways and yard areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and yard areas by flushing daily and by sweeping/flushing at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing additional control measures to ensure compliance. Dry sweeping without a vacuum device shall not be performed at this facility.
- 2.b** The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.c** The permittee shall promptly remove within 24 hours, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets outside of the facility onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- 2.d** All vehicles hauling C&DD, which is likely to become airborne, and solid waste, which is likely to become airborne, shall be closed, covered or tarped when coming to or leaving the facility in order to minimize visible particulate emissions of fugitive dust and to eliminate load loss.
- 2.e** The permittee shall post speed limit signs on the paved entrance road . The speed limit shall not exceed 20 miles per hour. The permittee shall post speed limit signs in the paved yard areas. The speed limit shall not exceed 10 miles per hour. The permittee shall develop, maintain, and follow a written policy to handle drivers who exceed the posted speed limits.
- 2.f** Vehicles at this facility shall not travel on any unpaved roadways or unpaved yard areas.
- 2.g** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and yard areas on a daily basis.
2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures except the daily flushing. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended.
3. The permittee may, upon receipt of written approval from the Canton City Health Department, Air Pollution Control Division modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

5. The permittee shall maintain monthly records of the number of truck loads of waste handled at the facility.

D. Reporting Requirements

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1. The permittee shall submit deviation (excursion) reports that identify any of the following occurrences:
 - a. each instance when the daily flushing was not performed, excluding days when daily flushing was not performed due to snow and/or ice cover or precipitation..
 - b. each instance when a control measure that was to be implemented as a result of an inspection was not implemented; and,
 - c. each instance when the daily flushing was not performed, excluding days when daily flushing was not performed due to snow and/or ice cover or precipitation.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these special terms and conditions shall be determined in accordance with the following method(s):

- a. Emissions Limitation:

Annual particulate emissions shall not exceed 37 tons/yr.

Applicable Compliance Method:

Compliance shall be determined by calculating the particulate emissions per calendar year and comparing the calculated particulate emissions per calendar year to the above annual particulate emissions limitation.

Calculate the particulate emissions per calendar year by multiplying the emission factor by the total actual, annual vehicle miles traveled, and by the control efficiency, estimated to be 50%. Per the PTI application, the maximum annual vehicle miles traveled will be 26,760 miles.

The actual annual vehicle miles traveled shall be determined using the actual annual number of truck loads of waste handled at the facility, an average of 20 tons of waste per truck load, and the average number of miles traveled by a waste truck.

The emission factor shall be determined by using the following equation which is based on

Emissions Unit ID: **F001**

equation 2 of section 13.2.1 for Paved Roads dated December 2003. The following equation does not consider the emissions due to vehicle brake wear (C) which was included in equation 2 because these emissions are insignificant.

$$E = k(sL/2)^{0.65} \times (W/3)^{1.5} \times (1-P/4N)$$

where,

E = particulate emission factor (lb/VMT)

k = 0.082 (PE particle size multiplier) from Table 13.2.1-1 of AP-42

sL = 7.4 (average road surface silt loading for MSW landfills) (lb/mi) from Table 13.2.1-4 of AP-42

W = 30 (mean vehicle weight in tons)

P = number of days with at least 0.01 inches of precipitation per year = 150 days, Figure 13.2.1-2, AP-42, section 13.2.1)

N = number of days in the averaging period = 365 days/year

Subject to written approval from the Canton City Health Department, Air pollution Control Division, if more representative values of the parameters used in the above calculations become available, the more representative values shall be used in the calculation.

b. Emissions Limitation:

There shall be no visible particulate emissions except for one minute during any 60-minute period.

Applicable Compliance Method:

Compliance shall be determined with the visible particulate emission limitation for the paved roadways and paved yard areas in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

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PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	OAC rule 3745-15-07
Fugitive emissions from the material handling operations of the Solid Waste Transfer Station with a total enclosure and water spray bars. The material handling operations covered by this permit are identified in term A.2.a below. The materials allowed to be handled are identified in term A.2.b below. This is an Appendix A area.	OAC rule 3745-31-05(A)(3)	
	OAC rule 3745-17-07(B)(1)	
	OAC rule 3745-17-08(B)	

Applicable Emissions
Limitations/Control Measures

Annual particulate emissions shall not exceed 0.33 ton/yr.

There shall be no visible particulate emissions escaping from the enclosure.

Utilize best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust to the extent that the above visible emissions limitation is met (see sections a.2.c through A.2.f).

See term A.V.2 below.

The emission limitation specified by this rule is less stringent than the visible emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).

The control measure requirements specified by this rule are less stringent than the control measure requirements established pursuant to OAC rule 3745-31-05(A)(3).

The requirements specified by this rule are less stringent than the control measure requirements established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a The material handling operations that are covered by this permit and subject to the above

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mentioned requirements are listed below:

- i. unloading of materials from railcars with a backhoe and then loading the materials into trucks with a backhoe;
 - ii. dumping of materials from drop off boxes onto the material handling area and then loading the material into trucks with a backhoe; and
 - iii. the gathering of salvageable materials from the materials handled.
- 2.b** The following materials and only these materials are permitted to be handled at this solid waste transfer station:
- i. Solid Waste (SW) including auto fluff but Municipal Solid Waste (MSW);
 - ii. Construction and Demolition Debris (C&DD);
 - iii. C&DD commingled with materials described in A.2.b.i above;
 - iv. category I non-friable Asbestos-Containing Material (ACM); and,
 - v. soils including (1) waste soils that are classified as a SW, i.e. waste soils that are not hazardous wastes, not commingled with radioactive materials, or not contaminated with PCBs, and (2) soils that are not wastes.
- 2.c** All of the material handling operations identified in term A.2.a above shall be contained within a permanent total enclosure. One end of the enclosure may be open to allow the rail cars and trucks to enter and exit the enclosure. The enclosure shall be designed, built, and operated so that the escape of fugitive dust from the enclosure is minimized and to ensure the above visible emissions limitation is met.
- 2.d** The permittee shall install, operate and maintain water spray bars to minimize the fugitive dust generated from the material handling operations and to meet the above visible emissions limitation.
- Any loads which appear to contain dusty materials shall be watered prior to unloading.
- 2.e** During the handling of any load of dusty material in which the material becomes airborne, the material shall be watered as necessary to minimize visible particulate emissions of fugitive dust.
- 2.f** The permittee shall ensure that the unloading of materials from the rail cars and the loading of materials into trucks shall be done in a manner that will minimize the drop height of the materials.
- 2.i** All materials shall be inspected and all shipping papers reviewed prior to unloading to assure no undesirable materials are included in the shipment. No MSW, Regulated

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Asbestos-Containing Materials (RACM), hazardous wastes, infectious wastes, materials contaminated with radioactive materials, or materials contaminated with PCBs shall be handled in this emissions unit.

B. Operational Restrictions

1. This facility shall be limited to transferring no more than 1,200,000 tons of material per calendar year in this emissions unit.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform inspections on a daily basis of the unloading and loading operations to determine if significant visible emissions are being emitted and shall perform inspections at the doors and at any other large openings of the enclosure to determine if there is any fugitive dust escaping from the enclosure.
2. The purpose of the inspections is to determine the need for operating implementing the control measure in term A.2.e. above. The inspections shall be performed during representative, normal operating conditions.
3. The permittee shall maintain daily records of the following information from the daily inspections:
 - a. The presence or absence of any visible emissions observed escaping from the enclosure;

If visible emissions are observed escaping from the enclosure, the permittee shall also note the total duration of the visible emission incident.
 - b. the date and reason why any inspection was not performed;
 - c. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
 - d. the dates that the control measure(s) were implemented; and,
 - e. the date and reason why any control measure that was shown to be required by the inspection was not performed.
4. The permittee may, upon receipt of written approval from the Canton City Health Department, Air Pollution Control Division modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

5. The permittee shall maintain weekly records of the amount of materials transferred, in tons.
The permittee shall maintain annual records of the amount of materials transferred, in tons.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. identify all days during which any visible fugitive particulate emissions were observed escaping from the enclosure;
 - b. describe any corrective actions taken to eliminate the visible fugitive particulate emissions escaping from the enclosure;
 - c. each day during which an inspection was not performed by the required frequency; and,
 - d. each instance when a control measure that was to be performed as a result of an inspection was not performed.

The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this PTI.

2. The permittee shall submit annual reports to the Canton City Health Department, Air Pollution Control Division identifying the amount of materials (in tons) transferred in the previous calendar year in this emissions unit. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:

- a. Emissions Limitation:

Annual particulate emissions shall not exceed 0.33 ton/yr.

Applicable Compliance Method:

Compliance shall be determined by calculating the particulate emissions per calendar year and comparing the calculated particulate emissions per calendar year to the above annual particulate emissions limitation.

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The uncontrolled emissions for the material handling operations identified above shall be determined by using Equation 1 for aggregate handling contained in AP-42 Section 13.2.4, dated 1/95. In this calculation utilize the parameters contained in the PTI application, 9.90 miles per hour wind speed and 4.00% moisture, and utilize the actual annual tons of material handled. Subject to written approval from the Canton City Health Department, Air Pollution Control Division, if more representative values of the parameters used in Equation 1 become available, the more representative values shall be used in the equation.

Equation 1 $E = k \times 0.0032 \times (U/5)^{1.3} / (M/2)^{1.4}$

where,

E is the uncontrolled emission factor in pounds of PM emitted per ton of waste handled

k is the particle size correction factor which is 0.74 for PM

U is the mean wind speed in miles per hour

M is the waste material moisture content in percent moisture

The control efficiency of the total enclosure is estimated to be 50% and the control efficiency of the water spray bars is estimated to be 50%. The controlled particulate emissions per calendar year is calculated by multiplying the uncontrolled particulate emissions per calendar year by (1-0.5) and by (1-0.5) again. If the controlled particulate emissions per calendar year calculated as above is less than or equal to 0.33 tons of particulate emissions, then compliance is shown.

b. Emissions Limitation:

There shall be no visible particulate emissions escaping from the enclosure.

Applicable Compliance Method:

Compliance shall be determined with the visible particulate emission limitation for the material handling operations in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

2. In the event of the receipt of odor complaints concerning this facility by the Canton City Health Department, Air Pollution Control Division, such that the facility needs to be evaluated as to whether it is causing, permitting, or maintaining a public nuisance, the facility may be

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PTI Application: 15-01504

Issued

Facility ID: 1576051900

Emissions Unit ID: **F003**

required to perform a measurement and characterization of the air contaminants being emitted at the facility in order that the facility may be able to properly evaluate any measures that the facility would undertake to control odors.

F. Miscellaneous Requirements

None