

Facility ID: 1576001700 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Facility ID: 1576001700 Emissions Unit ID: F001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Material Handling Operations for the Landfill Disposal of Construction & Demolition Wastes, Non-toxic Spent Foundry Sand, Non-toxic Fly Ash, Non-toxic Bottom Ash, and other Exempted Wastes.	PTI 15-766 and PTI 15-766 Modification	1.38 Lb PM/Hr 0.62 TPY PM Limit of 450,000 tons per calendar year to be accepted of C&D material and other wastes which have been determined to be non-toxic including non-toxic fly ash, bottom ash, spent foundry sand, and other exempted wastes, with other wastes which have been determined to be non-toxic as defined in Additional Special Term and Condition (B) (1) (b). Visible particulate emissions limitation as defined in Additional Term and Condition (2) (d).

OAC 3745-17-07 (B) (1)

2. Additional Terms and Conditions

- (a) All vehicles hauling construction and demolition (C&D) material shall be closed, covered or tarped coming to or leaving the facility in order to minimize visible emissions of fugitive dust and to eliminate load loss. This facility shall ensure that C&D materials are deposited, spread and compacted in such a manner as to prevent visible emissions of fugitive dust.

When dumping C&D materials, the facility shall implement the following procedures:

 1. Any loads which appear to contain dusty C&D material shall be watered prior to dumping of the load;
 2. No dusty C&D material shall be dumped during periods of high wind speed unless it has been treated to prevent it from becoming airborne;
 3. This facility shall insure that all truckloads of C&D material are unloaded in a manner which will minimize the drop height of the C&D material and be dumped as near to the point of final placement as possible; and
 4. During the dumping of any load of C&D materials, in which dusty materials become airborne, the C&D materials shall be watered as necessary. During handling and stockpiling of the C&D and cover materials, the facility shall implement the following procedures:
 1. Any dusty material to be stored prior to disposal, shall be watered, as necessary, or have a temporary soil cover. All exposed C&D material shall be covered with cover material by the end of each week's operation. To minimize handling of the C&D material, spreading and compacting shall occur in

one operation; and

2. The facility shall minimize the handling and stockpiling of cover material, except for top soil. Unvegetated cover material and soil in the waste disposal area must be periodically wetted with water and shall be handled to minimize or eliminate visible particulate emissions of fugitive dust. The frequency and amounts of this watering shall depend on weather conditions, cover material conditions and soil conditions.

The visible particulate emissions of fugitive dust from C&D material handling and cover soil application operations described in Additional Terms and Conditions No's. 2 (b) and 2 (c), shall not exceed twenty percent (20%) opacity as a three minute average, to be determined using Test Method 9 as defined in Ohio Administrative Code (OAC) rule 3745-17-03 (B) (3).

Asbestos Requirements:

1. The facility shall not accept for disposal any NESHAP regulated Asbestos Containing Material (RACM) as defined in the NESHAP Regulation for Asbestos, 40 CFR Part 61, Subpart M, section 141 amended 11/20/90 or any subsequent revisions or as defined in any Environmental Protection Agency Interpretive Rules concerning the NESHAP Regulation for Asbestos. This regulation defines RACM as " (a) Friable asbestos material, (b) Category I nonfriable asbestos containing material that has become friable, (c) Category I nonfriable asbestos containing material that will be or has been subjected to sanding , grinding, cutting, or abrading, or (d) Category II nonfriable asbestos containing material that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart."

2. For asbestos materials, this facility shall be limited to accepting :

A. Asbestos materials which contain less than or equal to one percent asbestos;

B. Category I nonfriable asbestos containing material that has not or will not be subjected to sanding, grinding, cutting, or abrading. Category I nonfriable asbestos containing material means asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the method specified in Appendix A, subpart F, 40 CFR part 763, section 1, Polarized Light Microscopy; and

C. Category II nonfriable asbestos containing material that has not become crumbled, pulverized, or reduced to powder by the forces that acted on the material in the course of demolition and renovation operations. Category II friable asbestos containing material means all other nonfriable asbestos containing material that is not defined as Category I nonfriable asbestos containing material.

3. This facility shall ensure that any asbestos containing materials as defined in Additional Term and Condition No. 2 (e) (2) (B) and No. 2 (e) (2) (C), shall not become friable while at the landfill. If any asbestos material arrives at or becomes friable at the landfill, this facility shall adequately wet or encapsulate it if necessary to prevent visible emissions, and shall cover it with at least six (6) inches of non asbestos containing material before the end of the operating day.

4. All terms stated in Additional Terms and Conditions 2 (e) are defined in the NESHAP regulation for Asbestos, 40 CFR Part 61, Subpart M, Section 141 amended 11/20/90 or any subsequent revisions or in any Environmental Protection Agency Interpretive ruling concerning the NESHAP for Asbestos.

B. Operational Restrictions

1. Materials Allowed to be Accepted for Disposal
 - (A) This facility shall be limited to accepting for disposal, only:
 - (i) . C&D material as defined in Ohio Revised Code 3714.01 (C); and
 - (ii) Other wastes which have been determined to be non-toxic.

Other wastes which have been determined to be non-toxic shall be limited to:

- (a) Spent foundry sand generated from foundry operations;
- (b) Fly ash generated by fuel burning operations which burn as fuel primarily coal;
- (c) Bottom ash generated by fuel burning operations which burn as fuel primarily coal; and,
- (d) Other Exempted Wastes. "Other Exempted Wastes" shall be defined as in Definition 2 of the Ohio EPA's Division of Surface Water Proposed Policy Number DSW 0400.028, specifically, Other Exempted Wastes means wastes that are exempted from Solid Waste Regulation, not including non-toxic fly ash, bottom ash, and spent foundry sand.

Other wastes which have been determined to be non-toxic shall be determined to be such by following the procedures in the definitions and in the material testing requirements in the Ohio EPA's Division of Surface Water Proposed Policy Number DSW 0400.028, entitled DISPOSAL OF NON-TOXIC BOTTOM ASH, FLY ASH AND SPENT FOUNDRY SAND, AND OTHER EXEMPTED WASTES except that the reporting requirements in number 5 of the Material Testing Requirements do not have to be followed as written. Instead of submitting reports to the appropriate Ohio EPA district office, the annual report and exceedance report shall be submitted to On Environmental Services, Inc. by the entity performing the testing.

2. Materials not allowed to be accepted for disposal
 - (i) Bottom ash, fly ash, or spent foundry sands that exceed the non-toxic criteria in the Definitions and Material Testing Requirements in the Division of Surface Water document number DSW 0400. 028;
 - (ii) Other Exempted Wastes that exceed the non-toxic criteria in the Definitions and Material Testing Requirements in the Division of Surface Water document number DSW 0400. 028;

- (iii) Foundry sands commingled with other wastes such as cans, casting scraps, pallets, etc. which shall be regarded as solid wastes;
 - (iv) Any material containing less than twenty percent solids or one that contains free standing liquids;
 - (v) Municipal Solid Waste;
 - (vi) Any waste containing infectious and chemotherapeutic waste materials;
 - (vii) Any waste containing radioactive waste material;
 - (viii) Tires, freezers, refrigerators, and air containers; and
 - (ix) Burning or smoldering waste.
3. Annual Amount of Materials Allowed to be Accepted for Disposal
- This facility shall be limited to accepting no more than 450,000 tons per calendar year of materials with materials as defined in Special Term and Condition B (1).
- C. Monitoring and/or Record Keeping Requirements**
1. Recordkeeping Requirements
- (A) This facility shall maintain daily records in a bound logbook of:
- (i) The type(s) of materials received with type meaning C&D material, spent foundry sand, fly ash, bottom ash, or other exempted materials;
 - (ii) The number of tons of each type of material received;
 - (iii) The number of tons of all types of material received; and
 - (iv) Any watering operations performed.
- (B) This facility shall maintain daily records in a separate file of the originals or copies of the On Environmental Services, Inc. "Exempt Waste Profile" (including the Analysis information performed for the waste generator) and "Exempt Waste Approval Form" for each truck load of spent foundry sand, fly ash, bottom ash, or Other Exempted Wastes received. No such records need to be maintained for C&D Material received. If more than one truck load of a single type of waste from the same waste generator is received in a single day, then only one set of the "Exempt Waste Profile" and Exempt Waste Approval Form" need be maintained for the group of truck loads.
- (C) These records shall be maintained for a period of not less than three years and the records shall be available for review by the Director or his representative at the facility during normal business hours.
- D. Reporting Requirements**
1. Reporting Requirements
- (A) Other Exempted Wastes Notification
- Within 30 days of this facility's acceptance for disposal of any Other Exempted Wastes, and within 30 days of this facility's acceptance of any additional Other Exempted Wastes for which a notification has not already been submitted, this facility shall submit a written notification of the acceptance for disposal of Other Exempted Wastes. The written notification shall contain the date of acceptance of the Other Exempted Wastes, a copy of the On Environmental Services, Inc. Exempt Waste Profile and Exempt Waste Approval Form for the Other Exempted Wastes being accepted, an estimate of the potential emissions of air contaminants from the handling of the wastes, and any control measures taken to control fugitive dust from the material handling of the Other Exempted Wastes.
- (B) Annual Waste and Emissions Report
- Each year, this facility shall submit an annual report covering the previous calendar year's operations by February fifteenth of the current calendar year.
- This report shall contain:
- (i) The number of tons of each of the types of waste materials defined in Special term and Condition B (1) (a) & B (1) (b), accepted for disposal in the previous calendar year, and
 - (ii) The actual amount of particulate matter emissions, in tons per year, generated from the operation of Source F001 during the previous calendar year.
- The notifications required by subpart A and the annual reports required by subpart B of this Special Term and Condition shall be submitted to the Canton City Health Department, Air Pollution Control Division, 420 Market Avenue North, Canton, Ohio 44702-1544.
- E. Testing Requirements**
1. None
- F. Miscellaneous Requirements**
- 1. There shall be no open burning in violation of Ohio Administrative Code 3745-19 at this facility.
 - 2. This emissions unit may not cause a public nuisance in violation of Ohio Administrative Code rule 3745-15-07.

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Facility ID: 1576001700 Emissions Unit ID: F002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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Plant Roadways and Parking Lots for the C&D Landfill	PTI 15-766 and PTI 15-766 Modification	33 TPY PM
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See the Following Additional Terms and Conditions.

2. Additional Terms and Conditions

- (a) FOR PAVED ROADWAYS
 1. This facility shall pave the entrance to the facility on State Route 43 and 183 with asphalt as per the Permit To Install application;
 2. This facility shall clean the paved roads and parking areas at least once daily and more often if necessary to meet the visible emission limit in Additional Term and Condition No. 2 (a) 7. The cleaning shall be performed using flushing water, vacuum sweeping with vacuum sweeping equipment which utilizes a fabric filter, or flushing and sweeping. The facility shall maintain and operate such equipment to clean the paved road and parking areas;
 3. This facility, by whatever means at their disposal, shall maintain the paved roadways within the facility free of gross quantities of mud or foreign material in order to prevent tracking of materials onto the road surfaces and sides of public roadways which are outside the facility. This action shall be performed at least once per day and more often if necessary;
 4. Should mud, dust, or other foreign materials be deposited onto the public roadways at the point(s) of venue to this facility, such material shall be cleaned off the public roadways on a daily basis;
 5. In order to minimize the deposition of mud or foreign materials onto public roadways from this facility, all vehicles which enter or exit the facility, and which travel on the public roadways, while in the facility, shall remain on the developed facility roadways and parking lots to the extent possible to avoid picking up mud or other materials on the vehicle tires or undercarriages;
 6. All materials which are spilled on the facility roadways must be cleaned up promptly to avoid tracking the material.
 7. Speed zones of no more than 10 miles per hour shall be established, posted, and enforced by the owner or operator for all vehicles within the facility or facility controlled access roads.
 8. For the paved roads and parking areas, there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period with compliance to be determined using Test Method 22 as defined in OAC rule 3745-17-03 (B) (4).
FOR UNPAVED ROADWAYS AND PARKING LOTS
 1. The facility roadbeds shall be aggregate covered, unless paved. This facility shall apply suitable dust suppressant materials as often as necessary to meet the visible particulate limitation in Additional Term and Condition No. 2 (b) (6). The use of dust suppression chemicals may be supplemented by the application of water but the use of dust suppression chemicals shall be the major method of dust control.
 2. Should materials as stated in Additional Term and Condition No. 2 (a) (4) be deposited onto the public roadways at the point(s) of venue to the facility, such material must be cleaned off the public road on a daily basis.
 3. In order to minimize the deposition of mud or foreign materials onto public roadways from this facility, all vehicles which enter or exit the facility, and which travel on the public roadways, while in the facility,

shall remain on the developed facility roadways and parking lots to the extent possible to avoid picking up mud or other materials on the vehicle tires or undercarriages.

4. All materials which are spilled on the facility roadways must be cleaned up promptly to avoid tracking the material.

5. Speed zones of no more than 10 miles per hour shall be established, posted, and enforced by the owner or operator for all vehicles within the facility or facility controlled access roads.

6. There shall be no visible particulate emissions from any unpaved roadway or parking lot, except for a period of time not to exceed three minutes during any sixty-minute observation period with compliance to be determined using Test Method 22 as defined in OAC rule 3745-17-03 (B) (4).

The roadway and parking lot watering requirements described in Additional Terms and Conditions A.2.a.2 and A.2.b.1 shall be waived during wet conditions and when there is sufficient moisture to prevent visible particulate emissions of fugitive dust, or, when the ambient temperature is too low to use watering as a control method.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. This facility shall maintain the following records:
The dates and type of cleanup of any materials deposited on the public roadways;
The date, time, and method of cleaning the facility's paved roads;
The date and time when dust suppressants or water were applied to the paved and unpaved roadways and parking lots (If water is not applied due to wet conditions or temperature, this shall be documented.);
The amount of dust suppressant chemicals purchased per year and the total amounts applied during the year.
2. These records shall be maintained at the facility in a bound logbook for a period of not less than three years and the records shall be available for review by the Director or his representative during normal business hours.

D. Reporting Requirements

1. None

E. Testing Requirements

1. None

F. Miscellaneous Requirements

1. None