

Facility Name: Trey Company - Far Hills
OEPA Premises #0857083146
PTI #08-3827

ADDITIONAL SPECIAL TERMS & CONDITIONS

A. Additional Terms and Conditions

Emissions Unit F001 - Construction and Demolition Landfill

1. Reasonably Available Control Measures for All Waste Materials Except Asbestos-Containing Materials

The permittee shall ensure that solid wastes are deposited, spread and compacted in such a manner as to minimize or prevent visible emissions of dust. All truckloads of solid waste shall be unloaded in a manner which will minimize the drop height of the solid wastes. Any dusty materials or wastes likely to become airborne shall be watered as necessary prior to or during dumping operations in order to minimize or eliminate visible emissions of fugitive dust. Watering shall be conducted in such a manner as to avoid the pooling of liquids and runoff. No dusty material shall be dumped during periods of high wind speed, unless the material has been treated to prevent fugitive dust emissions from becoming airborne.

2. All vehicles hauling construction and demolition (C&D) materials 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.

The permittee shall ensure C&D materials are deposited, spread and compacted in such a manner as to minimize or prevent visible particulate emissions of fugitive dust.

3. When dumping C&D materials, the permittee shall implement the following procedures:

a. Any loads which appear to contain dusty C&D materials shall be watered prior to dumping of the load.

b. No dusty C&D materials shall be dumped during periods of high wind speed, unless they have been treated to prevent them from becoming airborne.

c. The permittee shall ensure that all truckloads of

C&D materials are unloaded in a manner which will minimize the drop height of the C&D materials and are dumped as near to the point of final placement as possible.

- d. During the dumping of any load of C&D materials, in which dusty C&D materials become airborne, the C&D materials shall be watered as necessary to minimize visible particulate emissions of fugitive dust.
4. When handling and stockpiling C&D materials and/or cover materials, the permittee shall implement the following procedures:
- a. Any dusty C&D materials to be stored prior to disposal, shall be watered, as necessary, or have a temporary soil cover. All exposed C&D materials shall be covered with cover materials by the end of each week's operation. To minimize handling of the C&D materials, spreading and compacting shall occur in one operation.
 - b. The permittee shall minimize the handling and the stockpiling of cover materials, except for top soil. Unvegetated cover materials and soil in the waste disposal area must be periodically wetted with water and shall be handled in such a manner as to minimize or eliminate visible particulate emissions of fugitive dust. The frequency and amounts of this water application will depend on weather conditions, cover material conditions, and soil conditions.
 - c. A record of water applications required by these terms and conditions shall be maintained 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 visible particulate emissions of fugitive dust from C&D material handling and covering operations described in these terms and conditions shall not exceed twenty percent (20%) opacity as a three-minute average, determined using USEPA Method 9 as specified in OAC rule 3745-17-03(B).

5. The permittee shall employ best available control measures on all unpaved roadways and parking 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 unpaved roadways and parking areas with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
6. 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 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.
7. Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.
8. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
9. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

10. 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

Emissions Unit F001 - Construction and Demolition Landfill

1. The permittee shall not accept for disposal any NESHAP Regulated Asbestos Containing Material (RACM) as defined in the NESHAP for Asbestos, 40 CFR, Part 61, Subpart M, section 141 amended 11/20/90 or any subsequent revisions. 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." In addition, the permittee shall not accept for disposal any Category II nonfriable asbestos containing material. For asbestos materials, the permittee shall be limited to accepting Category I nonfriable asbestos containing material that has not or will not be subjected to sanding, grinding, cutting, or abrading. The permittee shall ensure that any Category I nonfriable asbestos containing material which has not or will not be subjected to sanding, grinding, cutting, or abrading shall not become friable during processing at the landfill. Any asbestos containing material that is or becomes friable is subject to the above-mentioned NESHAP regulation. (All terms stated in this term and condition are as defined in 40 CFR 61.141 amended 11/20/90, or any subsequent revisions.)
2. There shall be no open burning, in violation of OAC Chapter 3745-19, at this facility.
3. Application of waste oil as a dust suppressant is prohibited.
4. Disposal of any asbestos or asbestos containing waste at this location is prohibited.

C. Monitoring and/or Record Keeping Requirements

1. 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 the permit. Such records may be maintained in computerized form.

Emissions Unit F001 - Construction and Demolition Landfill

2. The permittee shall maintain records of the volume of materials received each day. These records shall be maintained for a period of not less than five years, and the records shall be available for review by the Director or his representative during normal business hours.

Emissions Unit F002 - Unpaved Roadways and Parking Areas

3. Except as otherwise provided in this section, the permittee shall perform inspections of the unpaved roadways and parking areas at a minimum frequency of once per week.
4. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspections are 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) changed, except if the next required inspection is within one week.
5. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less

frequent inspections would be sufficient to ensure compliance with the above-mentioned visible applicable requirements.

6. 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 fugitive control measures.
 - c. The date the control measures were implemented.
 - d. On a calendar quarter basis, the total number of days the control measures were implemented and the number of days where snow and/or ice cover or precipitation were sufficient to not require control measures.

The information required in 6.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

Emissions Unit F002 - Unpaved Roadways and Parking Areas

1. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:
 - a. Each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for 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.
2. These quarterly deviation (excursion) reports shall be submitted in the following manner:
 - a. Reports of any required monitoring and/or record

keeping 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 record keeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventative 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 quarter. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

E. Testing Requirements and Compliance Determinations

Emissions Unit F001 - Construction and Demolition Landfill

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

Emission Limitation

20 percent opacity, as a 3-minute average

Applicable Compliance Method

Compliance shall be determined in accordance with OAC rule 3745-17-03(B) (3).

Emissions Unit F002 - Unpaved Roadways and Parking Areas

2. Compliance with the emission limitation(s) in these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation
6.34 TPY particulates

Applicable Compliance Method

Compliance shall be determined in accordance with the equation specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 13.2.2. The result shall then be multiplied by a control efficiency of 50 percent due to dust suppression control measures.

3. Compliance with the emission limitations for the unpaved roadways and parking areas identified above shall be determined 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

Emissions Unit F001 - Construction and Demolition Landfill

1. 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.

Prepared by: Julie L. Mesloh
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