

PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT

**Wabash Valley Landfill
316 Spring Valley Road
Wabash, Indiana 46992**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T169-10186-00058	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: March 9, 1999

First Minor Permit Modification No.: 169-11166-00058	Affected pages: 3, 4, 20 - 26, 26a
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

- C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]
- C.14 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5]
- C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)]
- C.17 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]
- C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)]
- C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

Stratospheric Ozone Protection

- C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

D.1 FACILITY OPERATION CONDITIONS - A municipal solid waste landfill

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- D.1.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]
- D.1.2 Municipal Solid Waste Landfill NSPS [326 IAC 8-2-12] [40CFR 60.752, Subpart WWW]
- D.1.3 Operational Standards for Collection and Control Systems [40CFR 60.753]

Compliance Determination Requirements

- D.1.4 Testing Requirements [326 IAC 2-7-6(1),(6)] [40CFR 60.754]

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

- D.1.5 Monitoring [40CFR 60.756]
- D.1.6 Compliance Provisions [40CFR 60.755]

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

- D.1.7 Non Methane Organic Compound (NMOC) Rate Calculation [40CFR 60.754]
- D.1.8 Reporting Requirements [40CFR 60.757]
- D.1.9 Recordkeeping Requirements [326 IAC 12] [40CFR 60.758]

D.2 FACILITY OPERATION CONDITIONS - One (1) 55 gallon parts washing machine

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- D.2.1 Volatile Organic Compound (VOC)
- D.2.2 Volatile Organic Compound (VOC)

Compliance Determination Requirements

- D.2.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

**Certification
Emergency/Deviation Occurrence Report
Semi-Annual Compliance Monitoring Report**

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary municipal solid waste landfill.

Responsible Official: Dan Magoun
Source Address: 316 Spring Valley Road, Wabash, Indiana 46992
Mailing Address: P.O. Box 406, Wabash, Indiana 46992
SIC Code: 4953
County Location: Wabash County
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Minor Source, under PSD
Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) municipal solid waste landfill with a design capacity of 4.049682 million megegrams (Mg) and 5.1721652 million cubic meters.
- (b) one (1) landfill gas collection and control system consisting of one (1) skid-mounted landfill gas blower, one (1) condensate knockout, one (1) 1200 scfm utility-type open flare, an automatic shut-off valve, a thermal dispersion flow meter, and a Chromel-Alumel thermocouple for pilot confirmation.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

- (a) One (1) 55 gallon reservoir, covered, Krystal Kleen parts cleaning machine with an annual throughput on 330 gallons per year.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability). made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section

D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less than one (1) hour until such time as the continuous monitor is back in operation.

- (b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

C.12 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present in a process in more than the threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
 - (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
 - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
 - (3) A verification to IDEM, OAM, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.14 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
 - (1) This condition;
 - (2) The Compliance Determination Requirements in Section D of this permit;
 - (3) The Compliance Monitoring Requirements in Section D of this permit;
 - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and

- (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :
 - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
 - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
 - (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;
 - (3) An automatic measurement was taken when the process was not operating; or
 - (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.

- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6][326 IAC 2-7-19 (e)]

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements and be used for the purpose of a Part 70 fee assessment:
- (1) Indicate actual emissions of criteria pollutants from the source;
 - (2) Indicate actual emissions of other regulated pollutants from the source.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:
- Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

C.17 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

- (a) With the exception of performance tests conducted in accordance with Section C-Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations,

sampling, maintenance procedures, or record keeping, reasons for this must be recorded.

- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAM, representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and
 - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
 - (1) Copies of all reports required by this permit;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within

ninety (90) days of permit issuance.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Semi-annual Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported.
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any semi-annual report shall be submitted within thirty (30) days of the end of the reporting period.
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports.
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Stratospheric Ozone Protection

C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be

certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] A municipal solid waste landfill with a design capacity of 4.049682 million megagrams (Mg) and 5.1721652 million cubic meters. This landfill is equipped with a landfill gas collection and control system consisting of one (1) skid-mounted landfill gas blower, one (1) condensate knockout, one (1) 1200 scfm utility-type open flare, an automatic shut-off valve, a thermal dispersion flow meter, and a Chromel-Alumel thermocouple for pilot confirmation.

D.1.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 60, Subpart WWW.

D.1.2 Municipal Solid Waste Landfill NSPS [326 IAC 12] [40CFR 60.752, Subpart WWW]

The municipal solid waste landfill has a design capacity greater than 2.5 million megagrams (Mg) and shall either comply with 40CFR 60.752 (b)(2) or calculate the non methane organic compound (NMOC) emission rate for the landfill using the procedures specified in 40CFR 60.754. (The Permittee's Tier 1 analysis was submitted on January 14, 1998, and the Tier 2 analysis was submitted on April 21, 1998.)

D.1.3 Operational Standards for Collection and Control Systems [40CFR 60.753]

In order to comply with 40CFR 60.752 (b)(2)(ii) the Permittee shall:

- (1) Operate the collection system such that gas is collected from each area, cell, or group of cells in the municipal solid waste landfill in which solid waste has been in place for five years if active or 2 years or more if closed or at final grade.
- (2) Operate the collection system with negative pressure at each wellhead except under the following conditions:
 - (a) Fire or increased well temperature. The Permittee shall record instances when positive pressure occurs in efforts to avoid a fire. These records shall be submitted with the annual reports as provided in 40CFR 60.757(f)(1).
 - (b) Use of a geomembrane or synthetic cover. The Permittee shall develop acceptable pressure limits in the design plan.
 - (c) A decommissioned well. A well may experience a static positive pressure after shut down to accommodate for declining flows. All design changes shall be approved by the Office of Air Management (OAM).
- (3) Operate each interior wellhead in the collection system with a landfill gas temperature less than 55EC and with either a nitrogen level less than 20 percent or an oxygen level less than 5 percent. The Permittee may establish a higher operating temperature, nitrogen, or oxygen value at a particular well. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires or significantly inhibit anaerobic decomposition by killing methanogens.

- (a) The nitrogen level shall be determined using Method 3C, unless an alternative method is established as allowed by 40CFR 60.752 (b)(2)(i).
- (b) Unless an alternative test method is established as allowed by 40CFR 60.752 (b)(2)(i), the oxygen shall be determined by an oxygen meter using Method 3A except that; the span shall be set so that the regulatory limit is between 20 and 50 percent of the span; a data recorder is not required; only two calibration gases are required, a zero and span, and ambient air may be used as the span; a

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
SEMI-ANNUAL COMPLIANCE MONITORING REPORT**

Source Name: Wabash Valley Landfill
Source Address: 316 Spring Valley Road, Wabash, Indiana 46992
Mailing Address: P.O. Box 406, Wabash, Indiana 46992
Part 70 Permit No.: T169-10186-00058

Months: _____ **to** _____ **Year:** _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted semi-annually. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviation

Form Completed By: _____
Title/Position: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

Mr. Dan Magoun
Wabash Valley Landfill
P.O. Box 406
Wabash, Indiana 46992

Re: 169-11166
First Minor Permit Modification to
Part 70 No.: T 169-10186-00058

Dear Mr. Magoun:

Wabash Valley Landfill was issued a permit on March 9, 1999 for the operation of a municipal solid waste landfill. A letter requesting changes to this permit was received on July 2, 1999. A second letter requesting additional changes to the permit was received on July 20, 1999. Pursuant to the provisions of 326 IAC 2-7-12 a minor permit modification to this permit is hereby approved as described below (bolded language has been added to the permit, the language with a line through it has been deleted from the permit).

- (A) Pursuant to Wabash Valley Landfill's letter of July 2, 1999, requesting a source modification to provide for the construction, installation and operation of a landfill gas collection and control system, the following source modifications are hereby incorporated into the source's Part 70 permit:
- (1) The Emission Units and Pollution Control Equipment Summary on Page 4 has been changed as follows:
- (b) **one (1) landfill gas collection and control system consisting of one (1) skid-mounted landfill gas blower, one (1) condensate knockout, one (1) 1200 scfm utility-type open flare, an automatic shut-off valve, a thermal dispersion flow meter, and a Chromel-Alumel thermocouple for pilot confirmation.**
- (2) The Facility Description on page 22 has been changed as follows:
- Facility Description [326 IAC 2-7-5(15)] A municipal solid waste landfill with a design capacity of 4.049682 million megegrams (Mg) and 5.1721652 million cubic meters. **This landfill is equipped with a landfill gas collection and control system consisting of one (1) skid-mounted landfill gas blower, one (1) condensate knockout, one (1) 1200 scfm utility-type open flare, an automatic shut-off valve, a thermal dispersion flow meter, and a Chromel-Alumel thermocouple for pilot confirmation.**
- (B) In the letter submitted by Wabash Valley Landfill on July 20, 1999, the source requested the Emergency Reduction Plan requirement, pursuant to 326 IAC 1-5-2, be removed as a permit condition. This permit condition is a standard condition generally included in Part 70 permits as part of the corrective actions and response steps pursuant to 326 IAC 2-7-5 and 326 IAC 2-7-6. Although Wabash Valley Landfill is subject to the requirements of 326 IAC 2-7 because it is a source subject to a standard, limitation, or other requirement under Section 111 of the CAA, the source does not have the potential to emit one

hundred (100) tons per year or more of any pollutant and is therefore not subject to the requirements of 326 IAC 1-5-2. The permit is hereby modified as follows:

- (1) Condition C.13 Emergency Reductions Plans on page 21 of 46 has been deleted as follows:

~~C.13—Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]—
Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):~~

~~(a) —The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.~~

~~(b) —These ERPs shall be submitted for approval to:~~

~~Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~within ninety (90) days after the date of issuance of this permit.~~

~~The ERP does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).~~

~~(c) —If the ERP is disapproved by IDEM, OAM, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.~~

~~(d) —These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.~~

~~(e) —Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.~~

~~(f) —Upon direct notification by IDEM, OAM, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]~~

* All subsequent conditions and the Table of Contents have been renumbered as necessary.

- (C) In the letter submitted July 20, 1999, the source requested the method of calculating potential emissions be changed to use the AP-42 default value for NMOC concentration of 595 ppmv instead of the 50 ppmv value obtained from the source’s Tier 2 test. The emissions calculations referred to by Wabash Valley Landfill are only in the Technical Support Document and do not represent a permit condition for which a permit modification is necessary. For purposes of clarification, use of the AP-42 default value is acceptable for calculating emissions for the annual emission statement required pursuant to 326 IAC 2-6 (Permit Condition C.17). Potential emissions calculated for purposes of compliance with 40 CFR 60.757 (Permit Condition D.1.8), shall be calculated with the values indicated in the rule at 40 CFR 60.754(a) or (b) as applicable and as indicated in Permit Condition D.1.8(2).

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Rachel Meredith, OAM, 100 North Senate

Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call at (800) 451-6027, press 0 and ask for Rachel Meredith or extension (3-5691), or dial (317) 233-5691.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

RLM

cc: File - Wabash County
U.S. EPA, Region V
Wabash County Health Department
Air Compliance Section Inspector - Ryan Hillman
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

Mr. Dan Magoun
Wabash Valley Landfill
P.O. Box 406
Wabash, Indiana 46992

Re: 169-11166
First Minor Permit Modification to
Part 70 No.: T 169-10186-00058

Dear Mr. Magoun:

Wabash Valley Landfill was issued a permit on March 9, 1999 for the operation of a municipal solid waste landfill. A letter requesting changes to this permit was received on July 2, 1999. A second letter requesting additional changes to the permit was received on July 20, 1999. Pursuant to the provisions of 326 IAC 2-7-12 a minor permit modification to this permit is hereby approved as described below (bolded language has been added to the permit, the language with a line through it has been deleted from the permit).

- (A) Pursuant to Wabash Valley Landfill's letter of July 2, 1999, requesting a source modification to provide for the construction, installation and operation of a landfill gas collection and control system, the following source modifications are hereby incorporated into the source's Part 70 permit:
- (1) The Emission Units and Pollution Control Equipment Summary on Page 4 has been changed as follows:
- (b) **one (1) landfill gas collection and control system consisting of one (1) skid-mounted landfill gas blower, one (1) condensate knockout, one (1) 1200 scfm utility-type open flare, an automatic shut-off valve, a thermal dispersion flow meter, and a Chromel-Alumel thermocouple for pilot confirmation.**
- (2) The Facility Description on page 22 has been changed as follows:
- Facility Description [326 IAC 2-7-5(15)] A municipal solid waste landfill with a design capacity of 4.049682 million megegrams (Mg) and 5.1721652 million cubic meters. **This landfill is equipped with a landfill gas collection and control system consisting of one (1) skid-mounted landfill gas blower, one (1) condensate knockout, one (1) 1200 scfm utility-type open flare, an automatic shut-off valve, a thermal dispersion flow meter, and a Chromel-Alumel thermocouple for pilot confirmation.**
- (B) In the letter submitted by Wabash Valley Landfill on July 20, 1999, the source requested the Emergency Reduction Plan requirement, pursuant to 326 IAC 1-5-2, be removed as a permit condition. This permit condition is a standard condition generally included in Part 70 permits as part of the corrective actions and response steps pursuant to 326 IAC 2-7-5 and 326 IAC 2-7-6. Although Wabash Valley Landfill is subject to the requirements of 326 IAC 2-7 because it is a source subject to a standard, limitation, or other requirement under Section 111 of the CAA, the source does not have the potential to emit one

hundred (100) tons per year or more of any pollutant and is therefore not subject to the requirements of 326 IAC 1-5-2. The permit is hereby modified as follows:

- (1) Condition C.13 Emergency Reductions Plans on page 21 of 46 has been deleted as follows:

~~C.13—Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]—
Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):~~

~~(a) —The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.~~

~~(b) —These ERPs shall be submitted for approval to:~~

~~Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~within ninety (90) days after the date of issuance of this permit.~~

~~The ERP does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).~~

~~(c) —If the ERP is disapproved by IDEM, OAM, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.~~

~~(d) —These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.~~

~~(e) —Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.~~

~~(f) —Upon direct notification by IDEM, OAM, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]~~

* All subsequent conditions and the Table of Contents have been renumbered as necessary.

- (C) In the letter submitted July 20, 1999, the source requested the method of calculating potential emissions be changed to use the AP-42 default value for NMOC concentration of 595 ppmv instead of the 50 ppmv value obtained from the source's Tier 2 test. The emissions calculations referred to by Wabash Valley Landfill are only in the Technical Support Document and do not represent a permit condition for which a permit modification is necessary. For purposes of clarification, use of the AP-42 default value is acceptable for calculating emissions for the annual emission statement required pursuant to 326 IAC 2-6 (Permit Condition C.17). Potential emissions calculated for purposes of compliance with 40 CFR 60.757 (Permit Condition D.1.8), shall be calculated with the values indicated in the rule at 40 CFR 60.754(a) or (b) as applicable and as indicated in Permit Condition D.1.8(2).

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Rachel Meredith, OAM, 100 North Senate

Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call at (800) 451-6027, press 0 and ask for Rachel Meredith or extension (3-5691), or dial (317) 233-5691.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

RLM

cc: File - Wabash County
U.S. EPA, Region V
Wabash County Health Department
Air Compliance Section Inspector - Ryan Hillman
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner