



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

## CERTIFIED MAIL

June 10, 2013

Erie County Board of Commissioners  
2900 South Columbus Avenue  
Sandusky, OH 44870

**RE: Permit to Install # 03-18534  
Erie County Sanitary Landfill  
Vertical Expansion**

Dear Sir or Madam:

The Ohio Environmental Protection Agency, pursuant to Ohio Administrative Code Rule 3745-27-02 and the rules adopted thereunder, has reviewed the application for a permit with accompanying detail plans, specifications and/or information (hereinafter referred to as "application") regarding the above-referenced facility. This application has been approved by the Director subject to the conditions of compliance contained in the permit approval enclosed herewith and with all applicable laws, rules and standards. All construction must be supervised by an engineer or expert qualified in such work. Because the permit approval contains conditions of compliance, I urge you to read it carefully.

You are requested to submit within thirty (30) days of the date of issuance of this Permit to Install, the required permit fee balance of eleven thousand eight hundred eighty-five dollars and thirty-four cents (\$12,285.34 - \$400.00 = \$11,885.34) payable to **Treasurer, State of Ohio**. Please send the required payment to:

Ohio Environmental Protection Agency  
Permit to Install Fee  
Dept L-2711  
Columbus, OH 43260-2711

Payment of the \$11,885.34 fee within 30 days is a requirement of ORC Sections 3745.11 (Q) and (V). Failure to timely submit the required permit fee will result in an assessment of late penalties.

You are hereby notified that this action of the Director of Environmental Protection (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Appeals Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed at the following address:

Environmental Review Appeals Commission  
77 South High Street 17<sup>th</sup> Floor  
Columbus, Ohio 43215

If you have any questions, please contact the Ohio EPA District Office to which you submitted your application.

Sincerely,



Georgia Frakes, Management Analyst  
Division of Materials & Waste Management

Enclosures: Permit to Install and Invoices

cc: Brad Mitchell, DMWM, CO  
Scott Hester, DMWM, CO  
Fanny Haritos, CO, DMWM  
Ned O'Loughlin, DMWM, NWDO  
Erie County Health Department

OHIO ENVIRONMENTAL PROTECTION AGENCY  
PERMIT TO INSTALL

OHIO E.P.A.

JUN 10 2013

ENTERED DIRECTOR'S JOURNAL

Application Number: 03-18534  
Application Received: December 08, 2006  
Permit Fee: \$12285.34  
Permit Fee Balance: \$11885.34

Applicant: Erie County Board of Commissioners

Address: 2900 South Columbus Avenue  
Sandusky, Ohio 44870

Facility: Erie County Sanitary Landfill

Location: The Facility is located along Hoover Road, approximately 1/2  
mile southeast of Huron-Avery Road.  
Milan, Ohio

Permit: Vertical Expansion

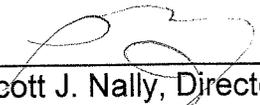
Issuance Date: June 10, 2013

Effective Date: June 10, 2013

The above-named entity is hereby issued a permit to install (permit) for the above-described source pursuant to Ohio Administrative Code (OAC) Rule 3745-27-02. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed and/or modified in accordance with the plans, specifications, and/or information accompanying the permit application, the above-described source of environmental pollutants will operate in compliance with applicable state and federal laws, rules, and regulations, and does not constitute expressed or implied assurances that, if constructed and/or modified in accordance with those plans, specifications, and/or information accompanying the permit application, the above-described source of environmental pollutants will be granted the necessary operating permits and/or licenses. This permit is issued subject to the attached conditions which are hereby incorporated and made a part hereof.

Ohio Environmental Protection Agency

I certify this to be a true and accurate copy of the  
official documents as filed in the records of the Ohio  
Environmental Protection Agency.

  
\_\_\_\_\_  
Scott J. Nally, Director

By: Donna Lassiter Date: 6-10-13

## PERMIT SUMMARY

This FINAL permit to install (PTI Number 03-18534) authorizes a vertical expansion at the Erie County Sanitary Landfill (Facility), an existing municipal solid waste landfill in Erie County. The Erie County Board of Commissioners is the applicant for the permit and is the operator of the Facility.

Specifically, this PTI authorizes a vertical expansion of the existing landfill by steepening the external slopes of the Facility from 4H:1V to 3H:1V. This vertical expansion of the approved limits of waste placement will create an additional 1.23 million cubic yards of permitted airspace, which increases the total disposal capacity at the Facility to 8.07 million cubic yards. The total acreage within the limits of waste placement will remain 60.6 acres. With the expansion, the Facility has a projected life of about 22 years at the authorized maximum daily waste receipt of 800 tons and about 36 years at the current average gate receipt rate.

As with the existing permit, this vertical expansion permit will incorporate into its construction such features as a composite liner system (recompacted clay and a geomembrane liner), a leachate collection system, a surface water management system, a ground water monitoring system, an explosive gas monitoring system, an explosive gas extraction system, and a final closure cap system. The permit also incorporates 30 years of post-closure care and financial assurance for closure and post-closure care.

This summary is provided solely for informational purposes and does not constitute a part of, or otherwise affect, the attached permit.

## PERMIT CONDITIONS

1. The Director of the Ohio Environmental Protection Agency (Ohio EPA), or an authorized representative, may enter upon the premises of the above-named applicant (permittee) at any reasonable time during construction and operation for the purpose of making inspections, conducting tests, or examining records or reports pertaining to the construction, modification, or installation of the above-described source of environmental pollutants (municipal solid waste disposal facility).
2. The Facility shall be constructed in strict accordance with the plans, specifications, and information submitted to Ohio EPA which constitute this permit. There shall be no deviation from the approved permit or the permit conditions without the express, written approval of Ohio EPA. Any deviation from the approved permit or

the permit conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of this permit does not constitute an assurance that the Facility will operate in compliance with all Ohio laws and regulations. Additional landfill components shall be installed upon orders of Ohio EPA if the Facility is inadequate or cannot meet applicable standards.

3. The facility's AMDWR is established to be 800 tons. The permittee shall not accept more than 800 tons of waste per day for disposal at the facility. This tonnage includes both solid waste and exempt waste, including, but not limited to, construction and demolition debris.
4. Issuance of this permit does not relieve the permittee of the duty to comply with all applicable federal, state, and local laws, ordinances, and regulations.
5. This permit may be modified, or alternatively revoked and reissued, by the Director of Ohio EPA to comply with any revisions to OAC Chapter 3745-27 applicable to this municipal solid waste disposal facility.
6. The permittee shall provide for the proper maintenance and operation of the Facility in accordance with the provisions of OAC Chapter 3745-27.
7. Nothing in this permit shall be construed to authorize any waiver from the requirements of any applicable federal or state laws or regulations except as specified herein. This permit shall not be interpreted to release the permittee from responsibility under Ohio Revised Code (ORC) Chapters 3704, 3714, 3734, or 6111; under the Federal Clean Water Act, the Resource Conservation and Recovery Act, or the Comprehensive Environmental Response, Compensation, and Liability Act; or from other applicable requirements for remedying conditions resulting from any release of contaminants to the environment.
8. This permit does not authorize the acceptance of any hazardous or infectious wastes, except for those excluded from hazardous or infectious waste regulation by ORC Chapter 3734.
9. This permit does not authorize the acceptance of any asbestos or asbestos-containing waste material that is subject to the provisions of NESHAP, 40 CFR Part 61, Subpart M. No such asbestos or asbestos-containing waste material may be accepted without first obtaining the necessary permits from Ohio EPA.
10. Not later than seven days prior to starting any construction authorized by this permit, the permittee shall submit to Ohio EPA, Northwest District Office (NWDO),

Division of Materials and Waste Management (DMWM) written notification of the anticipated construction start date, so that construction can be routinely inspected by Ohio EPA, NWDO, DMWM.

11. The permittee shall perform the following activities during construction and operation of the Facility in accordance with the cited provisions of OAC Chapter 3745-27 as follows:
  - a. The test pad required by OAC Rule 3745-27-08(E) shall be constructed and a report containing the test results shall be submitted to Ohio EPA, NWDO not later than 14 days prior to the intended construction date of the landfill component that the test pad models.
  - b. The pre-construction tests required by OAC Rule 3745-27-08(D) shall be performed and the test results submitted to Ohio EPA, NWDO not later than seven days prior to the intended use of the materials in construction.
  - c. The pre-construction interface tests required by OAC Rule 3745-27-08(G) shall be performed and the test results submitted to Ohio EPA, NWDO not later than seven days prior to the use of each geosynthetic material authorized by this permit.
  - d. The construction certification report required by OAC Rule 3745-27-08(H) shall be submitted to Ohio EPA, NWDO not later than 45 days prior to the anticipated date of waste receipt. Pursuant to OAC Rule 3745-27-19(C)(1), the permittee shall not accept waste in a phase until Ohio EPA, NWDO provides written concurrence of the construction certification report for that phase.
12. The permittee shall provide for the following inspections and facility maintenance:
  - a. The permittee shall provide for daily inspection of the Facility and completion of the Municipal Solid Waste Landfill Daily Log of Operations, Form 3. Written results of the inspections, including any corrective actions taken, shall be made available to Ohio EPA or the Erie County Health Department upon request.
  - b. Surface water control structures, including sedimentation ponds, sedimentation pond discharge structures, pipes, ditches, and culverts, shall be inspected at least weekly for erosion, clogging, or failure and prompt

corrective action shall be taken if necessary. Written results of the inspections, including a discussion of any corrective actions taken, any water quality samples taken, and the date and weather conditions, shall be recorded on the required daily log forms. The information shall be maintained on site and submitted to Ohio EPA, DMWM, NWDO or the Erie County Health Department, upon request.

- c. To ensure proper operation of the sedimentation pond(s), the pond(s) shall be cleaned out as necessary when the volume of the settled particles necessitates cleaning based on inspection results or to maintain the storage volume required by OAC Rule 3745-27-08(D)(3).
13. The permittee shall fund a new financial assurance instrument or adjust the amount listed on the existing financial assurance instrument in accordance with OAC Rules 3745-27-15, 3745-27-16, and 3745-27-17 for the current cost estimates of the facility, including the costs for the newly authorized disposal area. Funding shall be completed prior to waste acceptance in any disposal area newly authorized by this permit to install.
14. A summary of each month's daily waste receipts and leachate generation volumes shall be submitted to Ohio EPA, DMWM, NWDO by the 15<sup>th</sup> day of the following month. The summary report shall include the day of the month with the corresponding tonnage and types of waste received for that day. In addition, the summary report shall include the monthly totals of in-district and out-of-district waste received for each category of the reported waste streams. The report shall also provide information regarding leachate transported off-site, including the date of transport, the volume transported, and the destination of the transported leachate.
15. Construction certification reports for any constructed or repaired engineered component of the Facility shall be completed, certified, and submitted not later than two years after the start of construction or repair of the engineered component.
16. The permittee shall construct and fill the landfill in accordance with the 6-series drawings submitted as part of the PTI application and shall commence construction of the final cap system in accordance with the 6-series drawings, regardless of whether or not the entire phase has reached final elevations.
17. Ohio EPA shall be notified at least 2 days prior to any soil sampling at the site and 2 days prior to any other repair to an existing engineered component.

18. The permittee shall comply with the requirements of all previously issued authorizing documents for the Facility, except, to the extent that this permit specifies requirements different from, or in addition to, the requirements of those previously issued authorizing documents, the permittee shall comply with this permit. This permit, and the terms and conditions herein, shall take precedence over any conflicting requirements.

**END OF PERMIT CONDITIONS**

# Ohio EPA Invoice/Receipt

Date Printed: June 10, 2013

Revenue ID: 933645

Please include this Revenue ID with all correspondence.

Place ID: 13359

Information: Erie County Sanitary Landfill  
10102 Hoover Rd  
Milan, OH 44846-9711

Due Date: July 10, 2013

Amount Due: \$11,885.34

Effective Date: June 10, 2013

Revenue Description: DSIWM- Permit to Install (Solid Waste)  
Program Name: Solid Waste Programs  
Reason: Fee balance for final permit to install.

For some Revenues, Interest and/or Penalties may be charged for late payment.

Next Interest Date (if applicable):

Next Penalty Date (if applicable):

## Remittance Advice

Detach Here - Please Return This Portion With Your Payment

Place ID: 13359

Information: Erie County Sanitary Landfill  
10102 Hoover Rd  
Milan, OH 44846-9711

Due Date: Jul 10, 2013

Amount Due: \$11,885.34

Secondary Type/Id: FNPDE / OH0111597

Revenue Type: PTISW

Amount Enclosed: \$ \_\_\_\_\_

Please write this number on your check. Revenue ID: 933645  
Make check or money order payable to "Treasurer, State of Ohio"

Remit to: Ohio Environmental Protection Agency - OFA  
Department L-2711  
Columbus, OH 43260-2711

For Ohio EPA use only

Check ID: \_\_\_\_\_

Check Date: \_\_\_\_\_

Check Number: \_\_\_\_\_

Check Amount: \$ \_\_\_\_\_

1188534

PTISW

933645