



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

March 24, 2015

Jerry Ross
Mahoning Landfill, Inc.
3510 Garfield Road
New Springfield, Ohio 44443

**Re: Mahoning Landfill, Inc.
Permit - Long Term
Draft for Public Comment
Municipal Solid Waste Landfills
Mahoning County
MSWL018785**

Subject: Draft Permit to Install #02-23009, Mahoning Landfill, Inc.

Dear Mr. Ross:

The application for a Permit to Install (PTI) with accompanying plans and specifications for the above referenced facility has been reviewed by the staff of the Ohio EPA. It is the recommendation of the staff that the Director issue a PTI since your proposal appears to comply with applicable Ohio solid waste rules.

Therefore, enclosed please find a Permit to Install which is being issued to you today in draft form pursuant to Ohio Revised Code Chapter 3734 and the rules adopted thereunder.

A public notice concerning the issuance of this draft Permit to Install will appear in the following newspapers: Boardman News, and The Vindicator. A public hearing will be held at 6:00 p.m. on Thursday, May 7, 2015, at the Springfield Township Administration Building, 3475 E. South Range Road, New Springfield, Ohio 44443 in Mahoning County. Written comments will be accepted for the Director's consideration until the close of business on Friday, May 15, 2015. The application may be reviewed in accordance with Ohio EPA's file review procedures by contacting Ohio EPA Northeast District Office, 2110 E. Aurora Road, Twinsburg, Ohio 44087, Tel: (330) 963-1200.

Following the close of the public comment period, the Director may issue a final Permit to Install upon such terms and conditions as he finds necessary to ensure that the operation of your facility is in accordance with Ohio's solid waste rules.

Mahoning Landfill, Inc.
Page 2

Please be advised that the detailed plans which you had submitted with your application will be transmitted with the issuance of the final permit. If you have any questions concerning this draft Permit to Install, please contact the Ohio EPA Northeast District Office at the above address and telephone number.

Sincerely,



Demitria Crumiell-Hagens, Administrative Professional II
Division of Materials and Waste Management

Enclosure

cc: Brad Mitchell, DMWM, CO
Scott Hester, DMWM, CO
Mike Settles, PIC
Lynn Sowers, DMWM, SWDO
Clarissa Gereby, DMWM, SWDO
Patricia Sweeney, Mahoning County District Board of Health

DRAFT

OHIO ENVIRONMENTAL PROTECTION AGENCY
PERMIT TO INSTALL

Application Number: 02-23009
Application Received: April 6, 2009
Permit Fee: \$80,000.00
Permit Fee Balance: \$80,000.00 - \$400.00 = \$79,600.00

Applicant: Mahoning Landfill, Inc.

Address: 3510 Garfield Road
New Springfield, OH 44443

Facility: Mahoning Landfill

Location: 3510 Garfield Road
New Springfield, OH 44443

Permit: Vertical and Lateral Expansion

Issuance Date:

Effective Date:

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

Craig W. Butler, Director

PERMIT SUMMARY

This is a DRAFT Permit-to-Install (PTI 02-23009) which, upon final issuance, will authorize vertical and lateral expansion of the approved limits of waste placement at Mahoning Landfill (Facility), an existing municipal solid waste landfill located at 3510 Garfield Road, New Springfield, Ohio 44443 in Mahoning County. Mahoning Landfill, Inc. (MLI) is the owner, operator, and the PTI applicant. PTI 02-23009 was received on April 6, 2009, with the most recent revision received on September 29, 2014.

The approved disposal capacity will increase by approximately 14.33 million cubic yards to 24.11 million cubic yards. The total acreage within the limits of waste placement will increase by 51.6 acres to a total of 109.6 acres. The anticipated life expectancy is 53.5 years based on the anticipated average daily waste receipt of 960 tons.

The existing facility and the proposed expansion are designed/constructed with a composite liner system (recompacted clay, geosynthetic clay liner, 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 composite final closure cap system. The permit incorporates 30 years of post-closure care and financial assurance for closure and post-closure care.

Leachate is currently collected by the composite liner/leachate collection system which directs leachate to sumps. Leachate is then pumped through forcemains to leachate holding tanks. The leachate is hauled offsite to the City of Beaver Falls, PA waste water treatment plant.

A gas extraction system exists for the Facility and is designed to draw the gas by extraction wells to be incinerated or used for electricity production. The gas collection system has been updated in this permit to meet current requirements.

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 Facility's authorized maximum daily waste receipt (AMDWR) is hereby established to be 4,000 tons. This AMDWR supersedes any previously established AMDWR for the Facility.
2. 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).

3. The Facility shall be constructed in strict accordance with the plans, specifications, and information submitted to Ohio EPA which constitutes this permit. There shall be no deviation from the approved permit or 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 these plans 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.
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 shall apply only to those facilities shown on the plans, specifications, and information submitted as part of PTI 02-23009, received April 6, 2009, and revised through September 29, 2014.
6. 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.
7. 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.
8. The permittee shall provide for the proper maintenance and operation of the Facility in accordance with the provisions of OAC Chapter 3745-27.
9. The permittee shall ensure that all proposed monitoring wells are installed and sampling has been initiated prior to waste placement in each sequenced phase of the landfill.
10. The permittee shall, as soon as possible, but not later than one (1) year from the date of installation of all proposed and replacement monitoring wells, sample and statistically analyze the ground water analysis data from these wells in accordance with OAC Rules 3745-27-10(C) and (D).

11. 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.
12. This permit does not authorize the acceptance of any hazardous or infectious wastes, except those excluded from hazardous or infectious waste regulation by ORC Chapter 3734.
13. 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.
14. Not later than seven (7) days prior to starting any construction authorized under this permit, the permittee shall submit to Ohio EPA, Division of Materials and Waste Management (DMWM), Northeast District Office (NEDO) and the Mahoning County District Board of Health written notification of the anticipated construction start date so that construction of the Facility can be routinely inspected by Ohio EPA, DMWM, NEDO and the Mahoning County District Board of Health.
15. 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 pre-construction tests required by OAC Rule 3745-27-08(D) shall be performed and the test results submitted to Ohio EPA, DMWM, NEDO not later than seven (7) days prior to the intended use of the materials in construction.
 - b. The pre-construction interface tests required by OAC Rule 3745-27-08(G) shall be performed and the test results submitted to Ohio EPA, DMWM, NEDO not later than seven (7) days prior to the use of each geosynthetic material authorized by this permit.
 - c. The construction certification report required by OAC Rule 3745-27-08(H) shall be submitted to Ohio EPA, DMWM, NEDO and the Mahoning County District Board of Health not later than forty-five (45) days prior to the anticipated date of waste receipt in any newly constructed areas. Pursuant to OAC Rule 3745-27-19(C)(1), the permittee shall not accept

waste in a phase until Ohio EPA, DMWM, NEDO provides written concurrence of the construction certification report for that phase.

16. 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 Mahoning County District Board of Health upon request.
 - b. The permittee shall provide for weekly inspection of surface water control structures, including sedimentation ponds, sedimentation pond discharge structures, constructed wetlands, ditches, and culverts and completion of the Municipal Solid Waste Landfill Daily Log of Operations, Form 4. Prompt corrective action shall be taken if necessary. Written results of the inspections, including any corrective actions taken, shall be made available to Ohio EPA or the Mahoning County District Board of Health 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).
17. The permittee shall fund a new financial assurance instrument or increase 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.

END OF PERMIT CONDITIONS