



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

March 6, 2020

Rumpke Waste, Inc.
3990 Generation Drive
Cincinnati, OH 45251

**Re: Pike Sanitation Landfill
Permit - Long Term
Approval
Municipal Solid Waste Landfills
Pike County
MSWL018806**

Subject: Final Permit to Install Application for Pike Sanitation Landfill

Dear Madam or Sir:

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. Also enclosed is a Response to Comments.

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 seventeen thousand three hundred forty dollars and no cents (\$17,740.00 - \$400.00 application fee = \$17,340.00), 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

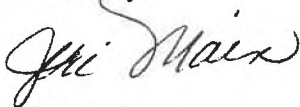
Payment of the fee balance within 30 days is a requirement of ORC Sections 3745.11 (Q) and (V). Failure to timely submit the required permit fee will result in an assessment of late penalties.

You are hereby notified that this action of the Director of Ohio EPA (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. The appeal must be filed with the 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 with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
30 East Broad Street, 4th Floor
Columbus, Ohio 43215

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

Sincerely,



Jeri Main,
Division of Materials and Waste Management

Enclosure

Ec: Jessica Hirashima, DMWM, CO
Jeremy Carrol, DMWM, CO
Craig Walkenspaw, DMWM, SEDO
Richard Fox, DMWM, SEDO
Joseph Goicochea, DMWM, SEDO
Jessica Johnson, PIC, CO
David Bruce Downard, David.downard@rumpke.com
Mike Brewster, pcghd@bright.net

OHIO ENVIRONMENTAL PROTECTION AGENCY

PERMIT TO INSTALL

Application Number: 06-08453
Application Received: July 12, 2016
Permit Fee: \$17,740
Permit Fee Balance: \$17,340

Applicant: Rumpke Waste, Inc.
Address: 3990 Generation Drive
Cincinnati, OH 45251

Facility: Pike Sanitation Landfill

Location: The facility is located at 11775 State Route 220, which is approximately three miles southeast of Waverly, Seal Township, Pike County.

Permit: Vertical and Lateral Expansion, and Authorized Maximum Daily Waste Receipt Increase, Municipal Solid Waste Landfill

Issuance Date: **MARCH 6, 2020**

Ohio EPA MAR 6 '20
Entered Directors Journal

Effective Date: **MARCH 6, 2020**

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



Laurie A. Stevenson, Director

PERMIT SUMMARY

This permit (PTI Number 06-08453) authorizes the following: increase the landfill's final slopes from 4H:1V to 3H:1V; reconfigure the grades of the floor and the leachate collection system away from Sump No. 1; incorporate the five acres of the inactive scrap tire monocell; create a one-acre vertical and lateral expansion of the approved limits of waste placement; and increase the authorized maximum daily waste receipt (AMDWR) from 2,000 tons to 4,000 tons at the existing Pike Sanitation Landfill (Facility) in Pike County. Rumpke Waste, Inc. is the owner, operator and permittee.

The vertical and lateral expansion is creating an additional 1,774,000 cubic yards of approved disposal capacity, which increases the total disposal capacity to 26,054,000 cubic yards. In addition to incorporating the five acres of the inactive scrap tire monocell, the total acreage within the limits of waste placement is increasing by one-acre, which increases the permitted total footprint to 133 acres. The life of the Facility is calculated to be 15.7 years at the AMDWR of 4,000 tons or 41.8 years at the anticipated average daily waste receipt of 1,500 tons.

The Facility is incorporating into its construction such features as a composite liner system (recompacted clay and a geomembrane liner), a leachate collection and management 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. All but some 0.5 acres of the scrap tire monocell will be overlaid by a separatory liner and subsequent municipal solid waste placed during Phase 5D's development and filling. The permit also incorporates 30 years of post-closure care and financial assurance for closure and post-closure care.

This above 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 (Director), 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 the Ohio EPA which constitute 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 plans or the permit conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of 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. 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.
4. This permit shall apply only to the Facility shown on the plans, specifications, and information submitted as part of PTI Application Number 06-08453, received on July 12, 2016, with subsequent revisions received through April 24, 2019.
5. This permit may be modified, or alternatively revoked and reissued, 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 under this permit, the permittee shall submit to Ohio EPA, Division of Materials and Waste Management (DMWM), Southeast District Office (SEDO) and the Pike County General Health District written notification of the anticipated construction start date so that construction of the Facility can be routinely inspected by Ohio EPA, DMWM, SEDO and the Pike County General Health District.
11. The permittee shall perform the following activities during construction of the Facility in accordance with the cited provisions of OAC Chapter 3745-27:

- 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, SEDO not later than seven 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, SEDO not later than seven 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, SEDO and the Pike County General Health District not later than 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 (or cell) until Ohio EPA, DMWM, SEDO provides written concurrence of the construction certification report for that phase (or cell).
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 Pike County General Health District upon request.
 - b. The permittee shall provide for the 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 actions shall be taken if necessary. Written results of the inspections, including any corrective actions taken, shall be made available to Ohio EPA or the Pike County General Health District upon request.
 - c. To ensure proper operation of the sedimentation pond(s), the pond(s) shall be evaluated annually and 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 execute and fund a financial assurance instrument or increase the amount listed on the existing financial instrument in accordance with OAC Rules 3745-27-15, 3745-27-16, and 3745-27-17 for the current cost estimates of the Facility. Funding shall be completed prior to waste acceptance in

any disposal area newly authorized by this permit.

14. The Facility's authorized maximum daily waste receipt (AMDWR) is established to be 4,000 tons. The permittee shall not accept more than 4,000 tons of solid waste for disposal at the Facility on any calendar day. This limit supersedes any previously established AMDWR for the Facility.
15. 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 conditions herein, shall take precedence over any conflicting requirements.

END OF PERMIT CONDITIONS