



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

September 29, 2014

Bruce Downard, Landfill Manager
11775 State Route 220 East
Waverly, Ohio 45690

**Re: Pike Sanitation Landfill
Permit - Long Term
Approval
Municipal Solid Waste Landfills
Pike County
MSWL018311**

**Subject: Final Permit to Install #06-08451
Pike Sanitation Landfill
Issuance Pursuant to Rule 3745-27-02**

Dear Mr. Downard:

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 six hundred dollars (\$1,000.00 - \$400.00 application fee = \$600.00), 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 \$600.00 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.



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Pike Sanitation Landfill, PTI# 06-08451
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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
17th Floor
Columbus, Ohio 43215

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

Sincerely,

A handwritten signature in cursive script that reads "Demitria Crumiell-Hagens".

Demitria Crumiell-Hagens, Administrative Professional II
Division of Materials & Waste Management
Enclosures: Permit to Install and Invoice
cc: Joe Goicochea, SEDO, DMWM
Scott Hester, CO, DMWM
Rick Fox, NWDO, DMWM
Pike County General Health

Pike Sanitation Landfill
Permit-Long Term
Approval
Municipal Solid Waste Landfills
Pike County
MSWL018311

Permit-Long Term
Exemption

OHIO ENVIRONMENTAL PROTECTION AGENCY
PERMIT TO INSTALL

OHIO E.P.A.

SEP 26 2014

Application Number: 06-08451
Application Received: July 1, 2014
Solid Waste Permit Fee: \$1,000.00
Solid Waste Permit Fee Balance: \$600.00

REGISTERED DIRECTOR'S JOURNAL
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.

Applicant: Rumpke Waste, Inc.
Address: 10795 Hughes Road
Cincinnati, Ohio 45251

By: Donna Cassler Date: 9-26-14

Name: Pike Sanitation Landfill - Scrap Tire Monocell Facility

Location: 11775 State Route 220, Waverly, Seal Township, Pike County, Ohio

PTI: Vertical Expansion

Issuance Date: SEP 26 2014

Effective Date: SEP 26 2014

The above-named entity is hereby issued a permit-to-install (permit) for the above described source pursuant 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 Final permit-to-install (PTI No. 06-08451) which authorizes vertical expansion of the Pike Sanitation Landfill - Scrap Tire Monocell Facility (Monocell), an existing scrap tire monocell which is part of the Pike Sanitation Landfill (Facility) located in Pike County. Rumpke Waste, Inc. (Rumpke) is the applicant for the permit-to-install.

This permit increases the Monocell's approved disposal capacity by 40,000 cubic yards, to a total of approximately 203,000 cubic yards. The footprint of the expansion area is two acres, most of which is located directly over the Monocell's existing four-acre footprint. A small portion of the expansion will overlie the contiguous municipal solid waste disposal area. No soil separator barrier will be used in the overlain area to allow for the unimpeded flow of leachate to the leachate collection system. Ultimately, the Monocell will be closed under the Facility's final cap system.

The Monocell's design includes the following: an eighteen (18)-inch recompacted soil liner; a leachate collection system; a surface water management system; a ground water monitoring system; and a municipal solid waste cap system. The permit also incorporates thirty (30) years of post-closure care and financial assurance for closure and post-closure care.

This permit grants Rumpke three exemptions: from Ohio Revised Code (ORC) Section 3734.06(A) as it relates to the Monocell's license fee; from OAC Rules 3745-27-69(C) and 3745-27-19(I), which require, in part, the owner or operator of a sanitary landfill facility to use scales as the sole means of determining gate receipts; and from OAC Rules 3745-27-75(C) and 2745-27-19(B)(2), which require, in part, that the owner or operator conduct all operations at a sanitary landfill facility in strict compliance with the applicable authorizing document(s).

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 any 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 (scrap tire monocell facility).
2. The Monocell 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 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 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 the Ohio EPA if the Monocell 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 approval shall apply only to the facilities shown on the plans submitted as part of PTI Application No. 06-08451, received on July 1, 2014, with subsequent revisions received on August 11, 2014.
5. This permit approval may be modified, or alternatively revoked and reissued, to comply with any revisions to OAC Chapter 3745-27 applicable to the Monocell.
6. The permittee shall provide for the proper maintenance and operation of the Monocell 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 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 in the Monocell.
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.
10. Not later than seven (7) days prior to starting any construction authorized by this permit, the permittee shall submit to Ohio EPA, Southeast District Office (SEDO), Division of Materials and Waste Management (DMWM) and the Pike County Health Department (PCHD) written notification of the anticipated construction start date so that construction can be routinely inspected by Ohio EPA, SEDO, DMWM and PCHD.
11. The permittee shall provide for the following inspections and facility maintenance:
 - a. The permittee shall provide for daily inspection of the Monocell and completion of the Daily Inspection Checklist and the Daily Log of Operations. Written results of the inspections, including any corrective measures employed, shall be made available to Ohio EPA, DMWM, SEDO or the PCHD.

- b. Surface water control structures, including sedimentation basins, sedimentation basin 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. A log documenting inspection results, any corrective measures taken, any water quality samples taken, and the date and weather conditions during any water quality sampling shall be maintained on site and submitted to Ohio EPA, DMWM, SEDO or the PCHD upon request.
 - c. To ensure proper operation of sedimentation basins, the basins shall be cleaned out when the sediment storage volume, as measured at the principal spillway, has reached sixty (60) percent of the height of the principal spillway. This height shall be measured from the base of the sedimentation pond to the inlet elevation of the principal spillway.
- 12. The permittee shall maintain the financial assurance for the Monocell in accordance with OAC Rules 3745-27-15, 3745-27-16, and 3745-27-17 for the current cost estimates.
 - 13. The permittee shall not conduct leachate recirculation at the Monocell without prior written approval from Ohio EPA.
 - 14. The permittee shall continue to comply with all existing applicable authorizing documents for the Facility. However, the design, construction, operation, closure, and post-closure activities authorized by this permit (PTI No. 06-08451), as set forth in the plans, specifications and information submitted in the application for this permit and the conditions set forth in this permit, shall take precedence over any conflicting plans, specifications, information, or conditions.

END OF PERMIT CONDITIONS

EXEMPTIONS

Pursuant to Director's Final Findings and Orders (Orders) issued on July 31, 2013 and modified on August 9, 2013, Rumpke and Pike Sanitation Inc. agreed, in part, to remove and properly manage scrap tires that had been previously amassed at the Facility by Pike Sanitation Inc., the previous owner and operator of the Facility and Monocell, not later than eighteen (18) months after the effective date of the Orders. Rumpke has proposed to dispose of the scrap tires in the Monocell, using off-road earth moving vehicles (rock trucks), at a rate of up to 850 tons per day. The existing authorized maximum daily waste receipt (AMDWR) for the Monocell is 2 tons.

Pursuant to ORC Section 3734.02(G) and OAC Rule 3745-27-03(B), the Director may, by order, exempt any person generating, collecting, storing, treating, disposing of, or transporting solid wastes, including scrap tires, in such quantities or under such circumstances that, in the determination of the director, are unlikely to adversely affect the public health or safety or the environment from any requirement of ORC Chapter 3734 or any rules adopted thereunder.

Exemption from Requirement to Conduct all Construction and Operation in Strict Compliance with Authorizing Documents

OAC Rules 3745-27-19(B)(2) and 3745-27-75(C) require the owner or operator of a sanitary landfill facility and a scrap tire monocell facility, respectively, to conduct all construction and operation at the facility in strict compliance with the applicable authorizing documents. Rumpke has requested limited exemption from the requirement that all construction and operation at the Monocell be conducted in strict compliance with the authorizing documents, including permits. Specifically, Rumpke has requested an exemption from the application of the Monocell's AMDWR to the acceptance of the scrap tires amassed at the Facility. Rumpke proposes to dispose of scrap tires in the Monocell at a rate of up to 850 tons per day, which is in excess of the Monocell's approved AMDWR of 2 tons, established in PTI Number 06-07468 issued on December 13, 2004. Disposing of the amassed scrap tires in a more efficient and expeditious manner than allowed under the Monocell's current AMDWR of 2 tons will significantly reduce the potential for nuisance or hazard to public health or safety or the environment associated with the amassed scrap tires. Rumpke has demonstrated that it has sufficient manpower and equipment available at the Facility and Monocell to safely dispose of scrap tires at a rate of up to 850 tons per day.

Granting a limited exemption from the requirements to conduct all construction and operation at the Monocell in strict accordance with the authorizing documents, in order to allow acceptance of the amassed tires in the manner specified in the request, is unlikely to adversely affect the public health or safety or the environment. Therefore, pursuant to ORC Section 3734.02(G) and OAC Rule 3745-27-03(B), Rumpke is hereby granted an exemption from the requirement to conduct all construction and operation at the Monocell in strict accordance with PTI Number 06-07468 only to the extent that Rumpke need not comply with the AMDWR established in Permit to install Number 06-07468 issued December 13, 2004, with regards to the acceptance or disposal of the amassed scrap tires. During the period of the exemption, Rumpke is hereby authorized to accept at the Monocell 850 tons of scrap tires per calendar day. This exemption expires on January 31, 2015 unless otherwise revoked.

Exemption from ORC Section 3734.06(A)

ORC Section 3734.06(A) establishes annual fees for solid waste facility licenses. For scrap tire monocell facilities, the facility's AMDWR is used for the purpose of establishing the amount of the annual license fee. For a scrap tire monocell facility, the annual license fee is \$5,000.00 when the facility's AMDWR is 100 tons or less and \$60,000.00 when the facility's AMDWR is 501 tons or greater. The Monocell's current AMDWR is 2 tons, as established in PTI Number 06-07468 issued on December 13, 2004 and, therefore, the current annual license fee is \$5,000.00. Rumpke intends to dispose of the scrap tires amassed at the Facility in the Monocell at a rate of up to 850 tons per day in

order to properly dispose of the scrap tires more expeditiously than allowed under the Monocell's AMDWR of 2 tons, which will significantly reduce the potential for nuisance or hazard to public health or safety or the environment. To the extent that ORC Section 3734.06(A) would establish an annual license fee at the Monocell higher than the current annual license fee of \$5,000.00, Rumpke has requested relief from any requirement to remit the higher annual license fee for the purpose of disposing of the remaining amassed scrap tires.

To the extent that ORC Section 3734.06(A) would establish a higher annual license fee for Rumpke's intended activities to dispose of the scrap tires amassed at the Facility in the Monocell, at a rate of up to 850 tons per day for the period authorized in the above exemption, granting an exemption from the requirement to remit such higher annual license fee for the Monocell is unlikely to adversely affect public health or safety or the environment.

Therefore, Rumpke is hereby granted an exemption from the requirement to pay a higher annual license fee for the Monocell, to the extent that ORC 3734.06(A) would establish a higher fee based on the receipt of up to 850 tons per day of the amassed scrap tires for the period authorized in the above exemption. This exemption expires on January 31, 2015 unless otherwise revoked.

Exemption from the Requirement to Use Scales

OAC Rules 3745-27-69(C)(1) and 3745-27-19(I) require, in part, that the owner or operator of a scrap tire monocell facility use scales as the sole means of determining gate receipts.

Rumpke intends to use large, off-road rock trucks to transport the remaining scrap tires amassed at the Facility to the Monocell for disposal. Due to the size of the off-road rock trucks, they are unable to traverse the scales. Therefore, Rumpke has requested that daily gate receipts be determined based on the actual truck count multiplied by 7.6 tons per truck, as established through the demonstration conducted on October 29, 2013 in accordance with Order Number 2 of Director's Final Findings and Orders issued on October 28, 2013, rather than by using scales as required by OAC Rules 3745-27-69(C) and 3745-27-19(I). Rumpke proposes to use off-road rock trucks with the same volume as those used in the October 29, 2013 demonstration.

Granting an exemption from the requirement to use scales as the sole means of determining gate receipts to accommodate using off-road rock trucks to dispose of scrap tires amassed at the Facility in the Monocell, in the manner proposed in the request, is unlikely to adversely affect the public health or safety or the environment. Therefore, Rumpke is hereby granted an exemption from the requirement of OAC Rules 3745-27-69(C) and 3745-27-19(I) to use scales as the sole means of determining gate receipts. This exemption is limited to the disposal of the scrap tires amassed at the Facility in the Monocell and expires on January 31, 2015 unless otherwise revoked.

Ohio EPA Invoice/Receipt

Date Printed: September 29, 2014

Revenue ID: 1002151

Please include this Revenue ID with all correspondence.

Place ID: 34780

Information: Pike Sanitation Landfill
11775 State Route 220 East
Waverly, OH 45690-

Due Date:

Amount Due:

Effective Date: September 29, 2014

Revenue Description: DSIWM- Permit to Install (Solid Waste)
Program Name: Solid Waste Programs
Reason: Permit Fee Balance Due

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: 34780

Information: Pike Sanitation Landfill
11775 State Route 220 East
Waverly, OH 45690-

Due Date:

Amount Due:

Secondary Type/Id: AIRFI / 0666000003

Revenue Type: PTISW

Amount Enclosed: \$ _____

Please write this number on your check. Revenue ID: 1002151
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: \$ _____

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