

OHIO ENVIRONMENTAL PROTECTION AGENCY
(PERMIT TO INSTALL)

Application Number: 06-5133
Application Received: April 14, 1997
Permit Fee: \$80,000.00
Permit Fee Balance: \$79,600.00

Applicant: Rumpke Waste, Inc.
Address: 10795 Hughes Road
City, State, Zip: Cincinnati, Ohio 45251
Telephone: (513) 851-0122

Name: Beech Hollow Sanitary Landfill
Location: 39 degrees 8' 00" latitude 82 degrees 27' 30" longitude, on township Road 353 approximately 3/4 mile north of the Appalachian Highway, approximately 2 miles northeast of Wellston, Milton township, Ohio.

PTI: Vertical and Lateral Expansion

Issuance Date: JUL 31 2003

Effective Date: JUL 31 2003

The above-named entity is hereby issued a permit approval (permit-to-install) for the above described source pursuant to Chapter 3745-31 of the Ohio Administrative Code (OAC). Issuance of this permit approval (permit-to-install) 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 approval (permit-to-install) is issued subject to the attached conditions which are hereby incorporated and made a part hereof.

Ohio Environmental Protection Agency

Christopher Jones, Director

Only this original and certified copy of the
official record shall be valid for the purposes of the Ohio
Environmental Protection Agency.

Christopher Jones 7/21/03

H O E N M
JUL 31 2003
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PERMIT SUMMARY

This is a Final Vertical and Lateral Expansion Permit to Install (PTI# 06-5133) for the construction and operation of the Beech Hollow Sanitary Landfill, located on township Road 353 approximately 3/4 mile north of the Appalachian Highway, approximately 2 miles northeast of Wellston, Ohio.

The proposed solid waste disposal area is approximately 178 acres, which is approximately 47 acres less than what was permitted on August 22, 1994. The PTI proposes an authorized maximum daily waste receipt (AMDWR) of 2,500 tons, but Rumpke Waste, Inc. anticipates the average daily waste receipt to be 800 tons. The operational life of the landfill would be over 104 years based on the average (expected) gate receipts, or 33.3 years based on the AMDWR. This permit would authorize approximately 34 million cubic yards of disposal capacity which is approximately 12 million cubic yards of additional disposal capacity.

This landfill currently has and will continue to incorporate into its construction such features as a composite (clay/geosynthetic membrane) liner system, a leachate collection and management system, a ground water monitoring system, an explosive gas extraction system, a final closure cap system, and 30 years of post-closure care.

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

PTI CONDITIONS

1. Issuance of this permit does not relieve the applicant (permittee) of the duty to comply with all applicable federal, state, and local laws, ordinances, and regulations.
2. The Director, or his authorized representatives, 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 as a part of the application for this permit to the Director. There may be no deviation from the approved plans without the express, written approval of the Ohio Environmental Protection Agency (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 these plans does not constitute

an assurance that the proposed 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 proposed municipal solid waste disposal facility is inadequate or cannot meet applicable standards.

4. This approval shall apply only to the facility shown on the plans submitted as part of PTI application number 06-5133.
5. The authorized maximum daily waste receipt (AMDWR) is 2,500 tons.
6. This permit may be modified, or alternatively revoked and reissued, to comply with any revisions to OAC Chapters 3745-27 and 3745-31 applicable to this municipal solid waste disposal facility.
7. The permittee shall provide for the proper maintenance and operation of the municipal solid waste facility in accordance with the provisions of OAC Chapter 3745-27.
8. Nothing in this permit shall be interpreted to release the permittee from responsibility under Chapters 3704, 3734, or 6111 of the Ohio Revised Code (ORC); under the Federal Clean Water 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.
9. Ohio EPA, Southeast District Office (SEDO) and the Jackson County Health Department, if on the Director's approved list, shall be notified in writing of the construction starting date prior to the start of construction so that construction of this facility can be routinely inspected by Ohio EPA, SEDO or the Jackson County Health Department, if on the Director's approved list, before being placed into operation.
10. 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.
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:

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- a. The test pad required by OAC Rule 3745-27-08 shall be constructed and a report containing the test results shall be submitted to Ohio EPA, SEDO no later than fourteen (14) days prior to the initial construction date of the landfill component which the test pad models.
 - b. The following pre-construction tests for the material to be used as recompacted soil liner, or cap soil barrier layer shall be performed at the frequency required by OAC Rule 3745-27-08 or the specification in the authorizing document(s) and the results submitted to Ohio EPA, SEDO; maximum dry density and optimum moisture content according to ASTM D698 (standard proctor) or ASTM D1557 (modified proctor), grain size distribution according to ASTM D422 (sieve and hydrometer), Atterberg limits according to ASTM D4318, recompacted laboratory permeability according to ASTM D5084 (falling head), and interface shear strength according to ASTM D5321 (direct shear test). The construction material shall not be used until seven (7) days after the results have been submitted, unless Ohio EPA, SEDO authorizes the use of the material prior to the end of the seven day period.
12. The permittee shall not accept waste in a phase or sub-phase until the construction certification report required by OAC Rule 3745-27-19 has been submitted to Ohio EPA, SEDO and the Jackson County Health Department, if on the Director's **approved** list, and the permittee has received written concurrence from Ohio EPA SEDO for that phase or sub-phase.
13. The permittee shall provide for the following inspections and facility maintenance:
 - a. The permittee shall provide for daily inspection of the disposal facility and completion of the daily inspection checklist and the municipal solid waste disposal facility daily log of operations. Written results of the inspections, including any corrective measures employed, shall be made available to Ohio EPA, SEDO or the Jackson County Health Department, if on the Director's approved list, upon request.
 - b. Surface water control structures, including sedimentation ponds, sedimentation pond discharge structures, pipes, ditches, and culverts, shall be inspected at least monthly for erosion, clogging, or failure, and prompt corrective action shall be taken if necessary. A log including inspection results, any corrective measures, and the date and weather conditions during any water quality sampling, shall be maintained on-site and submitted to Ohio EPA, SEDO or the Jackson County Health Department, if on the Director's approved list, upon request.

- c. To ensure proper operation of sedimentation ponds, the ponds shall be cleaned out completely every year or when the volume of settled particles necessitates cleaning based either on inspection results or to maintain the storage volume required by OAC Rule 3745-27-08(C)(6)(d).
14. The permittee shall obtain all necessary NPDES permits prior discharging from any new point source authorized by this permit to surface waters of the state.
15. Prior to excavation or construction activities in any areas subject to sections 401 and/or 404 of the Clean Water Act (33 United States Code Sections 1341 and 1344), the permittee shall obtain all applicable permits and approvals and shall submit copies to Ohio EPA SEDO.
16. Prior to excavation or construction activities subject to ORC Section 6111.021 which may impact isolated wetlands, the permittee shall obtain all applicable permits and approvals. Obtaining appropriate authorization from Ohio EPA does not alleviate the need to obtain other Federal, State, or local permits, approvals, or authorizations required by law.
17. The permittee shall execute and fund a financial assurance instrument meeting the requirements of OAC Rules 3745-27-15, 3745-27-16, and 3745-27-17 prior to waste acceptance in any disposal area newly authorized by this permit-to-install.
18. Pursuant to ORC Sections 3745.11(Q) and (V), payment of the solid waste permit-to-install fee balance, in the amount of seventy nine thousand six hundred dollars (\$79,600) payable to "Treasurer, State of Ohio," shall be submitted to Ohio EPA, Attn.: Fiscal Administration, P.O. Box 1049, Columbus, Ohio, 43216-1049. The fee balance shall be submitted within thirty (30) days of the effective date of this permit approval. Failure to timely submit the required permit fee balance will result in assessment of late penalties in accordance with ORC Sections 3745.11(Q) and (V).

END OF CONDITIONS