

OHIO ENVIRONMENTAL PROTECTION AGENCY

PERMIT TO INSTALL

Application Number: 644748
Application Received: January 9, 2008
Permit Fee: \$35,000.00
Permit Fee Balance: \$34,600.00

Applicant: Solid Waste Authority of Central Ohio
Address: 4239 London-Groveport Road
Grove City, OH 43123

Facility: Franklin County Sanitary Landfill
Address: 4239 London-Groveport Road
Grove City, OH 43123

Location: The facility is located on State Route 665 (London-Groveport Rd.), 0.7 miles west from its intersection with Interstate Route 71, Jackson Township, Franklin County.

Permit: Vertical 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

Chris Korleski, Director

PERMIT SUMMARY

This final permit (PTI Number 644748) authorizes vertical expansion of the approved limits of waste placement at the Franklin County Sanitary Landfill (Facility), an existing municipal solid waste disposal facility located in Franklin County. The Solid Waste Authority of Central Ohio is the applicant for the permit and the owner and operator of the Facility.

The vertical expansion will create an additional 3.5 million cubic yards of permitted airspace, which increases the total permitted disposal capacity from 48.4 million cubic yards to 51.9 million cubic yards. The total acreage within the limits of waste placement will be reduced by 79 acres, from 362 acres to 283 acres. In total, the Facility will have approximately 16.5 years of disposal capacity based on the authorized maximum daily waste receipt of 6,000 tons or approximately 29.5 years of disposal capacity based on the anticipated daily waste receipt of 3,140 tons.

The Facility will have incorporated into its construction such features as a separatory liner system (recompacted clay), 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 permit grants an exemption, pursuant to Ohio Revised Code (ORC) Section 3734.02(G), from the siting criterion in OAC Rule 3745-27-07(H)(2)(d), which requires that a sanitary landfill facility not be located above an unconsolidated aquifer system capable of sustaining a yield of 100 gallons per minute (gpm) for a 24-hour period to an existing or future water supply well located within 1,000 feet of the limits of solid waste placement of the sanitary landfill facility.

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 as part of the application for this permit. There may be no deviation from the approved plans 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 these plans does not constitute an assurance that the Facility will operate in compliance with all Ohio laws and regulations. Additional 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 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.
5. The permittee shall provide for the proper maintenance and operation of the Facility in accordance with the provisions of OAC Chapter 3745-27.
6. 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.
7. 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.
8. 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.
9. Not later than seven days prior to starting any construction authorized under this permit, the permittee shall submit to Ohio EPA, Division of Solid and Infectious Waste Management (DSIWM), Central District Office (CDO) and the Franklin County Health Department (FCHD) written notification of the anticipated

construction start date so that construction of the Facility can be routinely inspected by Ohio EPA, DSIWM, CDO and FCHD before being placed into operation.

10. 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, DSIWM, CDO not later than seven days prior to the intended use of the materials in construction.
 - b. 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, DSIWM, CDO not later than 14 days prior to the initial construction date of the landfill component that the test pad models. Each lift of the test pad shall be tested for the maximum dry density and optimum moisture content according to ASTM D698-00a (standard proctor) or ASTM D1557-00 (modified proctor), for grain size distribution using ASTM D422-63 (sieve and hydrometer), and for Atterberg limits using ASTM D4318-00. The test methods above shall be performed at least twice for each lift of the test pad.
 - 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, DSIWM, CDO 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, DSIWM, CDO and FCHD 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, DSIWM, CDO provides written concurrence of the construction certification report for that phase.

END OF PERMIT CONDITIONS

EXEMPTION FROM OAC RULE 3745-27-07(H)(2)(d)

The permittee has requested an exemption from OAC Rule 3745-27-07(H)(2)(d), which requires that a sanitary landfill facility not be located above an unconsolidated aquifer system capable of sustaining a yield of 100 gpm for a 24-hour period to an existing or

future water supply well located within 1,000 feet of the limits of solid waste placement of the sanitary landfill facility.

Pursuant to ORC Section 3734.02(G), the director may, by order, exempt any person generating, collecting, storing, treating, disposing of, or transporting solid wastes, or processing solid wastes that consist of 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 to obtain a registration certificate, permit, or license or comply with other requirements of ORC Chapter 3734.

Because low-permeability, fine-grained gray tills immediately underlying the Facility and overlying the 100-gpm aquifer system provide protection to the aquifer system from potential impacts from the Facility, granting an exemption from OAC Rule 3745-27-07(H)(2)(d) is unlikely to adversely affect the public health or safety or the environment. Therefore, pursuant to ORC Section 3734.02(G), the permittee is hereby exempted from OAC Rule 3745-27-07(H)(2)(d), which requires that a sanitary landfill facility not be located above an unconsolidated aquifer system capable of sustaining a yield of 100 gpm for a 24-hour period to an existing or future water supply well located within 1,000 feet of the limits of solid waste placement of the sanitary landfill facility. This exemption shall remain in effect throughout the effective period of this permit unless otherwise revoked.