

# OHIO ENVIRONMENTAL PROTECTION AGENCY

## (PERMIT TO INSTALL)

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Application Number: 03-16456  
Application Received: September 10, 2004  
Permit Fee: \$45,303.80  
Permit Fee Balance: \$44,903.80

Applicant: Noble Road Landfill, Inc.  
Address: 170 Noble Road East  
Shiloh, Ohio 44878

Facility: Noble Road Landfill

Location: The facility is located ½ mile east of the intersection of State Route 13 and Noble Road on the south side of Noble Road, Butler Township, Richland 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

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Chris Korleski, Director

## **PERMIT SUMMARY**

This is a draft permit (PTI # 03-16456) which, if issued as a final permit, authorizes vertical expansion of the approved limits of waste placement at the existing Noble Road Landfill (Facility), located at 170 Noble Road East in Butler Township, Richland County, Ohio.

This permit authorizes a vertical expansion to raise the permitted top of waste grades. This vertical expansion is over the existing constructed areas and the unconstructed areas within the permitted limits of waste. The horizontal limits of waste do not change. This permit also raises the bottom limits of unconstructed Cells 5 through 8.

The net effect of raising the bottom and top of waste grades is a permitted airspace increase of approximately 4,500,000 cubic yards on 102 acres of composite lined area. This will give the Facility a total permitted airspace of 20,100,000 cubic yards. The expansion will provide a total of 22.2 years of disposal capacity based on the average gate waste receipt or 7.4 years based on maximum authorized waste acceptance rate of 6,000 tons/day.

The Facility will have incorporated 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, 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 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 a 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 Facility 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 those facilities shown on the plans submitted as part of PTI Application Number 03-16456 received on September 10, 2004, with subsequent revisions received through May 21, 2008.
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 municipal solid waste disposal 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-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 Solid and Infectious Waste Management (DSIWM), Northwest District Office (NWDO) and the Richland County Health Department written notification of the anticipated construction start

date so that construction of this Facility can be routinely inspected by Ohio EPA, DSIWM, NWDO and the Richland County Health Department before being placed into operation.

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:
  - a. 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, NWDO not later than 14 days prior to the intended construction date of the landfill component that the test pad models.
  - b. The pre-construction tests required by OAC Rule 3745-27-08(D) shall be performed and the test results submitted to Ohio EPA, DSIWM, NWDO not later than seven days prior to the intended use of the materials in construction.
  - 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, NWDO 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, NWDO 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, NWDO provides written concurrence of the construction certification report for that phase.
12. The Facility shall be constructed and filled in accordance with the six-series drawings submitted as part of the PTI application. Transitional cover shall be placed over Cells 1, 2, and 3 as final waste grades are achieved in each of these cells. The final cap shall be built in accordance with the design shown in the cross section detail B on plan sheet 7C.
13. A summary of each month's daily waste receipts and leachate generation volumes shall be submitted to Ohio EPA, DSIWM, NWDO by the 15<sup>th</sup> day of the following month. The summary report shall include the day of the month with the corresponding tonnage of waste received for that day. In addition, the summary report shall include the monthly totals of in-district and out-of-district waste received for each category of the reported waste streams. The report shall also provide

information regarding leachate transported off-site, including the date of transport, the volume transported, and the destination of the transported leachate.

14. Construction certification reports for any constructed or repaired engineered component of the Facility shall be submitted to Ohio EPA, DSIWM, NWDO prior to April 1st of the year immediately following construction or repair.
15. In order to monitor the hydrology of Fowler Woods Nature Preserve, the owner/operator must comply with the requirements of the Upper Till Monitoring Plan contained in the ground water monitoring plan.
16. In the event that the monitoring results from the Upper Till Monitoring Plan indicate that landfill construction and/or operations are impacting the hydrology of the nature preserve, the owner/operator shall begin implementing the contingency plan contained in the Upper Till Monitoring Plan. Corrective measures shall be implemented until such time as Ohio EPA determines the impact to the hydrology at the nature preserve has been eliminated. The owner/operator shall adhere to the requirements of these approved plans and any imposed conditions for the duration of this permit.
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.
18. Pursuant to ORC Sections 3745.11(Q) and (V), payment of the solid waste permit to install fee balance, in the amount of \$44,903.80 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**