



Michigan Department of Environmental Quality  
Waste and Hazardous Materials Division

**SOLID WASTE DISPOSAL AREA CONSTRUCTION PERMIT**

This construction permit is issued under the provisions of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, MCL 324.11501 et seq., to permit the construction of a solid waste disposal area (Facility) in the state of Michigan. This permit does not obviate the necessity of obtaining other authorization as may be required by state law.

FACILITY NAME: Delta County Landfill

PERMITTEE/FACILITY OWNER: Delta Solid Waste Management Authority

PROPERTY OWNER: Delta Solid Waste Management Authority and the City of Escanaba

TYPE OF FACILITY: Municipal Solid Waste Landfill

FACILITY ID: 410730

COUNTY: Delta

PERMIT NUMBER: 4103

ISSUE DATE: July 9, 2009

EXPIRATION DATE: One year from date of issuance unless development of the Facility begins within the year.

FACILITY DESCRIPTION: The Delta County Landfill, a Municipal Solid Waste Landfill, consists of 277.9 acres located in the N 1/2 of Section 22 and the S 1/2 of Section 15, T39N, R23W, Wells Township, Delta County, Michigan. The Facility is identified in Attachment A and is fully described in this permit.

RESPONSIBLE PARTY: Donald Pyle  
Delta Solid Waste Management Authority  
P.O. Box 198  
Escanaba, Michigan 49829-0198

This permit is subject to revocation by the Director of the Michigan Department of Environmental Quality (Director) if the Director finds that the disposal area is not being constructed or operated in accordance with the approved plans, the conditions of a permit or license, Part 115, or the rules promulgated under Part 115. This permit shall be available through the applicant during its term and remains the property of the Director. Failure to comply with the terms and provisions of this permit may result in legal action leading to civil and/or criminal penalties as stipulated in Part 115.

**THIS PERMIT IS NOT TRANSFERABLE UNLESS PRIOR AUTHORIZATION HAS BEEN OBTAINED FROM THE DIRECTOR**

  
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Steven E. Chester  
Director  
Michigan Department of Environmental Quality

Permittee/Facility Owner: Delta Solid Waste Management Authority  
Facility Name: Delta County Landfill  
Construction Permit Number: 4103  
Issue Date: July 9, 2009

The permittee shall comply with all terms of this permit and the provisions of Part 115 and its rules. This permit includes the permit application and any attachments to this permit.

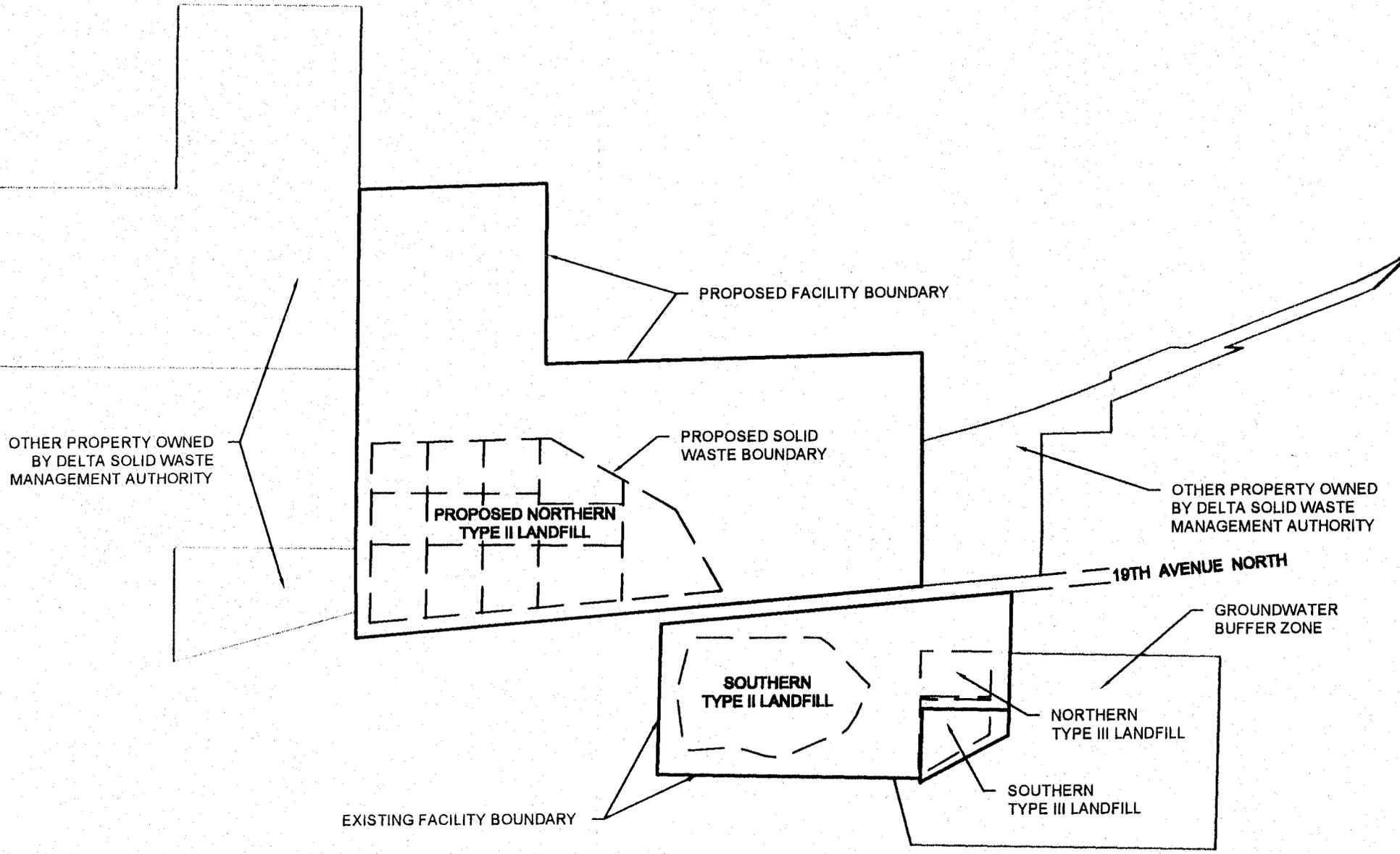
1. The permittee shall construct the Facility in a manner that will not violate any state or federal law.
2. This permit authorizes the construction of the disposal area as defined in the Application for Permit to Construct a Solid Waste Disposal Area (Application) documents dated February 26, 2009, and received by the Michigan Department of Environmental Quality (MDEQ) on February 27, 2009. The new disposal area authorized by this permit shall not be utilized for the disposal of solid waste until an operating license for the disposal area is issued by the MDEQ.
3. The attached map (Attachment A) shows the Facility, the area permitted for construction, area(s) authorized for the placement and/or acceptance of solid waste, monitoring points, leachate storage units, site roads, and related appurtenances.
4. Issuance of this permit is based on the assumption that the information submitted by the Applicant in the Application dated February 26, 2009, received by the MDEQ on February 27, 2009, and any subsequent amendments is accurate. Any inaccuracies or deviations found in this information may be grounds for the revocation or modification of this permit and/or other enforcement action. The permittee shall inform the MDEQ's Waste and Hazardous Materials Division, Upper Peninsula District Supervisor, of any known inaccuracies and/or any deviation in the information of the Application that would affect the permittee's ability to comply with the applicable rules or permit conditions. This permit is issued based on MDEQ review of the Application, EQP 5506. The Application includes the following documents or their approved revisions that are incorporated by reference and become enforceable portions of this permit:
  - a. Application Form EQP 5506.
  - b. Fee in the amount of \$1,500.
  - c. Construction Permit Application for Delta County Northern Expansion: Engineering Report prepared by Engineering & Environmental Solutions, LLC, dated February 2009 and amended June 2009.
  - d. Construction Permit Application for Delta County Northern Expansion: Environmental Assessment Report prepared by Engineering & Environmental Solutions, LLC, dated February 2009 and amended June 2009.
  - e. Construction Permit Application for Delta County Northern Expansion: Construction Quality Assurance Plan prepared by Engineering & Environmental Solutions, LLC, dated February 2009 and amended June 2009.
  - f. Construction Permit Application for Delta County Northern Expansion: Operational Plan prepared by Engineering & Environmental Solutions, LLC, dated February 2009 and amended June 2009.
  - g. Construction Permit Application for Delta County Northern Expansion: Hydrogeological Investigation Report, Volumes 1, 2 and 3, prepared by Engineering & Environmental Solutions, LLC, dated February 2009 and amended June 2009.
  - h. Construction Permit Application for Delta County Northern Expansion: Hydrogeological Monitoring Plan, Volumes 1 and 2, prepared by Engineering & Environmental Solutions, LLC, dated February 2009 and amended June 2009.

Permittee/Facility Owner: Delta Solid Waste Management Authority  
Facility Name: Delta County Landfill  
Construction Permit Number: 4103  
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- i. Construction Permit Application for Delta County Northern Expansion: Engineering Plans (Sheet 1 of 37) prepared by Engineering & Environmental Solutions, LLC, dated February 2009 and amended June 2009.
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to the MDEQ's Waste and Hazardous Materials Division, Upper Peninsula District Office.
6. **VARIANCES:** None.
7. **SPECIAL CONDITIONS:** None.
8. **TERM:** This construction permit shall expire one year after the date of issuance, unless development under the construction permit is initiated within that year.

**END OF PERMIT**

# FACILITY MAP

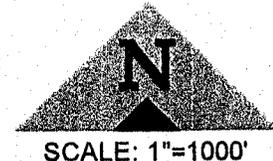


ATTACHMENT A

## DELTA COUNTY LANDFILL NORTHERN EXPANSION CONSTRUCTION PERMIT

### Engineering & Environmental Solutions, LLC

200 North Franklin Street, Suite 202, Zeeland, Michigan 49464 Phone: (616) 931-3960 Fax: (616) 931-3970 www.GoEESolutions.com



JOB NO. 003-07-001