



Michigan Department of Environmental Quality
Office of Waste Management and Radiological Protection

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: Niagara Development, LLC d.b.a. Niagara Development Partners

PERMITTEE/FACILITY OWNER: Niagara Development, LLC

PROPERTY OWNER: Niagara Development, LLC

TYPE OF FACILITY: Type III Low-Hazard Industrial Waste Landfill and Type III Construction/Demolition Waste Landfill

FACILITY ID: 470397

COUNTY: Dickinson

PERMIT NUMBER: 4144

ISSUE DATE: May 8, 2015

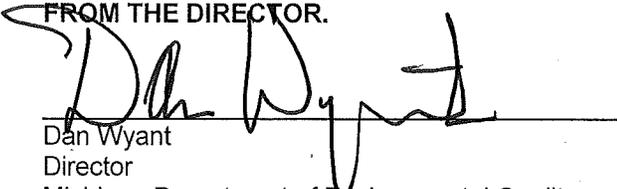
EXPIRATION DATE: One year from date of issuance unless development of the Facility begins within the year.

FACILITY DESCRIPTION: The Niagara Development, LLC d.b.a. Niagara Development Partners, a Type III low-hazard industrial waste and Type III construction and demolition waste landfill, consists of 68.00 acres located in the E 1/2 of the SW 1/4 of Section 13, T39N, R30W, Breitung Township, Dickinson County, Michigan. The Facility is identified in Attachment A and is fully described in this permit.

RESPONSIBLE PARTY: Mr. Nick Ghere, Site Manager
Niagara Development, LLC
1101 Mill Street
Niagara, Wisconsin 54151
906-282-1281

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.


Dan Wyant
Director
Michigan Department of Environmental Quality

Permittee/Facility Owner: Niagara Development, LLC
Facility Name: Niagara Development, LLC d.b.a. Niagara Development Partners
Construction Permit Number: 4144
Issue Date: May 8, 2015

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 May 21, 2014, and received by the Michigan Department of Environmental Quality (MDEQ), on August 22, 2014. 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 May 21, 2014, received by the MDEQ on August 22, 2014, revised January 6, 2015, January 16, 2015, and April 3, 2015, 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 Office of Waste Management and Radiological Protection (OWMRP), 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 \$750.
 - c. Construction Permit Application, Niagara Development Type III Landfill, Dickinson County, Volume I of II prepared for Niagara Worldwide by Golder Associates dated January 2015 that contains the following:
 - i. Section A – General Information (revised April 2015)
 - ii. Section B – Environmental Assessment
 - iii. Section C – Hydrogeologic Study
 - iv. Section D – Hydrogeologic Monitoring Plan (revised April 2015)
 - d. Construction Permit Application, Niagara Development Type III Landfill, Dickinson County, Volume II of II prepared for Niagara Worldwide by Golder Associates dated January 2015 that contains the following:
 - i. Section E – Topographic Maps
 - ii. Section F – Engineering Report (revised April 2015)
 - iii. Section G – Operations Plan
 - iv. Section H – Construction Quality Assurance Plan (revised April 2015)
 - v. Section I – Engineering Drawings (revised April 2015)
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to the MDEQ's OWMRP, Upper Peninsula District Office.

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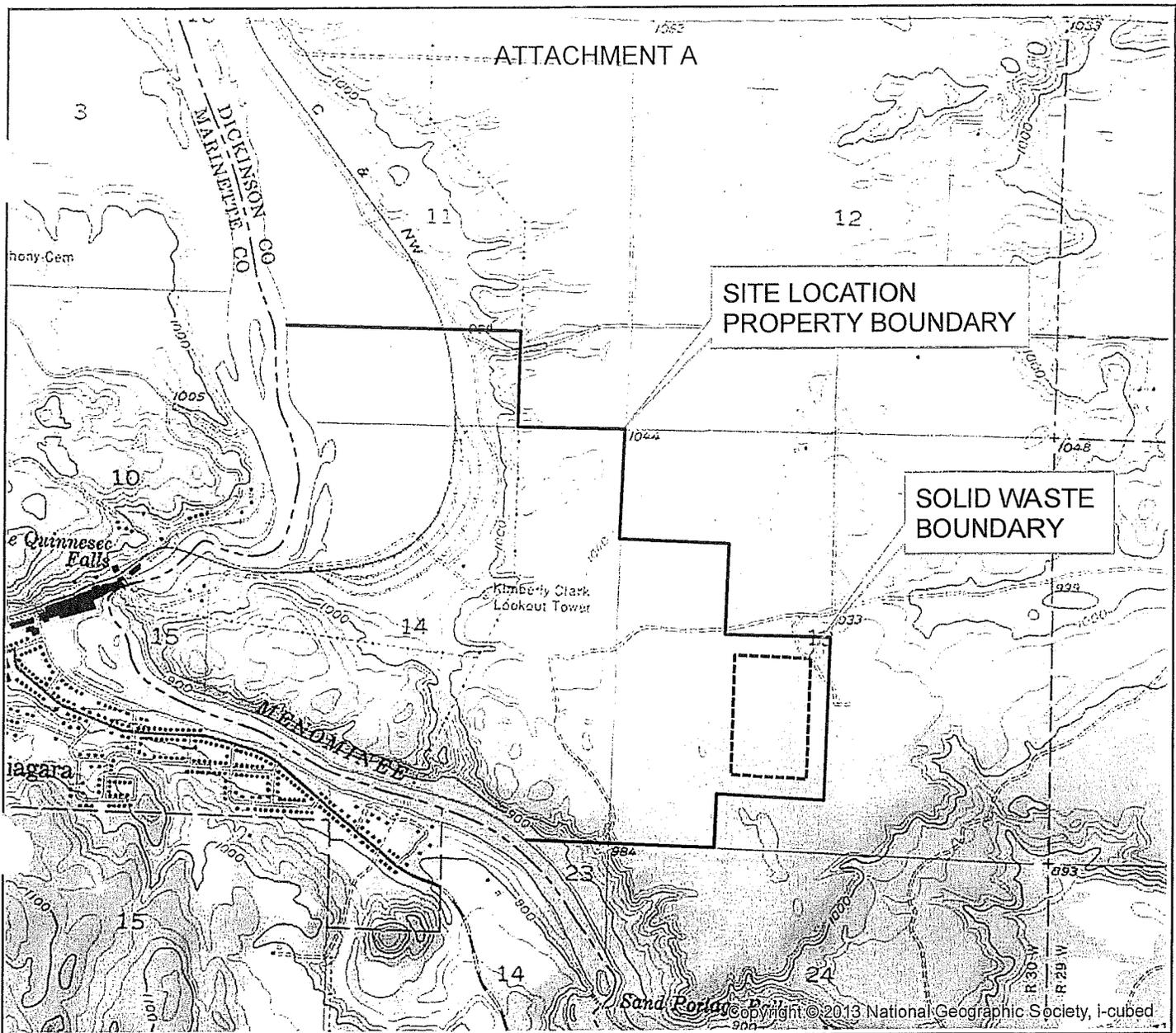
6. **VARIANCES:** None.

7. **SPECIAL CONDITIONS:**

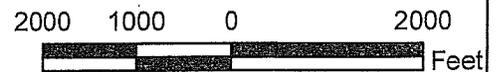
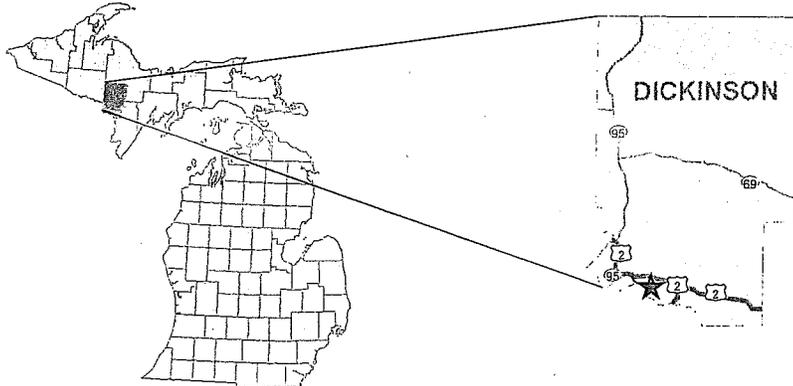
- a. All future landfill cells at the Niagara Development, LLC will be constructed with a single composite liner system that includes a geomembrane on top of a geosynthetic clay liner.
 - b. The Action Flow Rate (AFR) for the Secondary Collection System at the Niagara Development, LLC is 25 gallons/acre/day. Monthly reports showing the AFRs shall be kept at the landfill.
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

ATTACHMENT A



REFERENCE: Esri, DeLorme, NAVTEQ, TomTom, Intermap, iPC, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community



CLIENT
 NIAGARA WORLDWIDE
 DICKINSON COUNTY, MICHIGAN

PROJECT
 TYPE III LANDFILL
 PERMIT APPLICATION

CONSULTANT

YYYY-MM-DD 2014-12-10

TITLE
 SITE LOCATION MAP



PREPARED JJS

DESIGN JJS

REVIEW TDJ

APPROVED DML

PROJECT No
 1414160

CONSULTANT

Rev

FIGURE

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