



Waste Management 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, MCL 324.11501 et seq., (Part 115), 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 clearances and permits as may be required by state law.

FACILITY NAME: Adrian Landfill

GRANTED TO: Adrian Landfill, Inc.

TYPE OF FACILITY: Type II Landfill

FACILITY ID: 46-000031

COUNTY: Lenawee

PERMIT NUMBER: 0371

ISSUE DATE: February 10, 1999

EXPIRATION DATE: One year after date of issue unless development of Facility begins within the year.

FACILITY DESCRIPTION: The Type II sanitary landfill known as the Adrian Landfill consists of 380.4 acres located in the portions of the SW ¼ of Section 5, the SE ¼ of Section 6, the N ½ of Section 7, and the NW ¼ of Section 8, T7S, R4E, Palmyra Township, Lenawee County, Michigan. The Facility is identified in Attachment A and is fully described in this permit.

RESPONSIBLE PARTY TO CONTACT: Mr. William Cramb, General Manager
Adrian Landfill, Inc.
1970 North Ogden Highway
Adrian, Michigan 49221
517-263-7080

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, this Part, or the rules promulgated under this Part. This permit shall be available through the applicant during the entire effective date 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.


Russell J. Harding, Director

Applicant: Adrian Landfill, Inc.
Facility Name: Adrian Landfill
Construction Permit No. 0371
February 1999

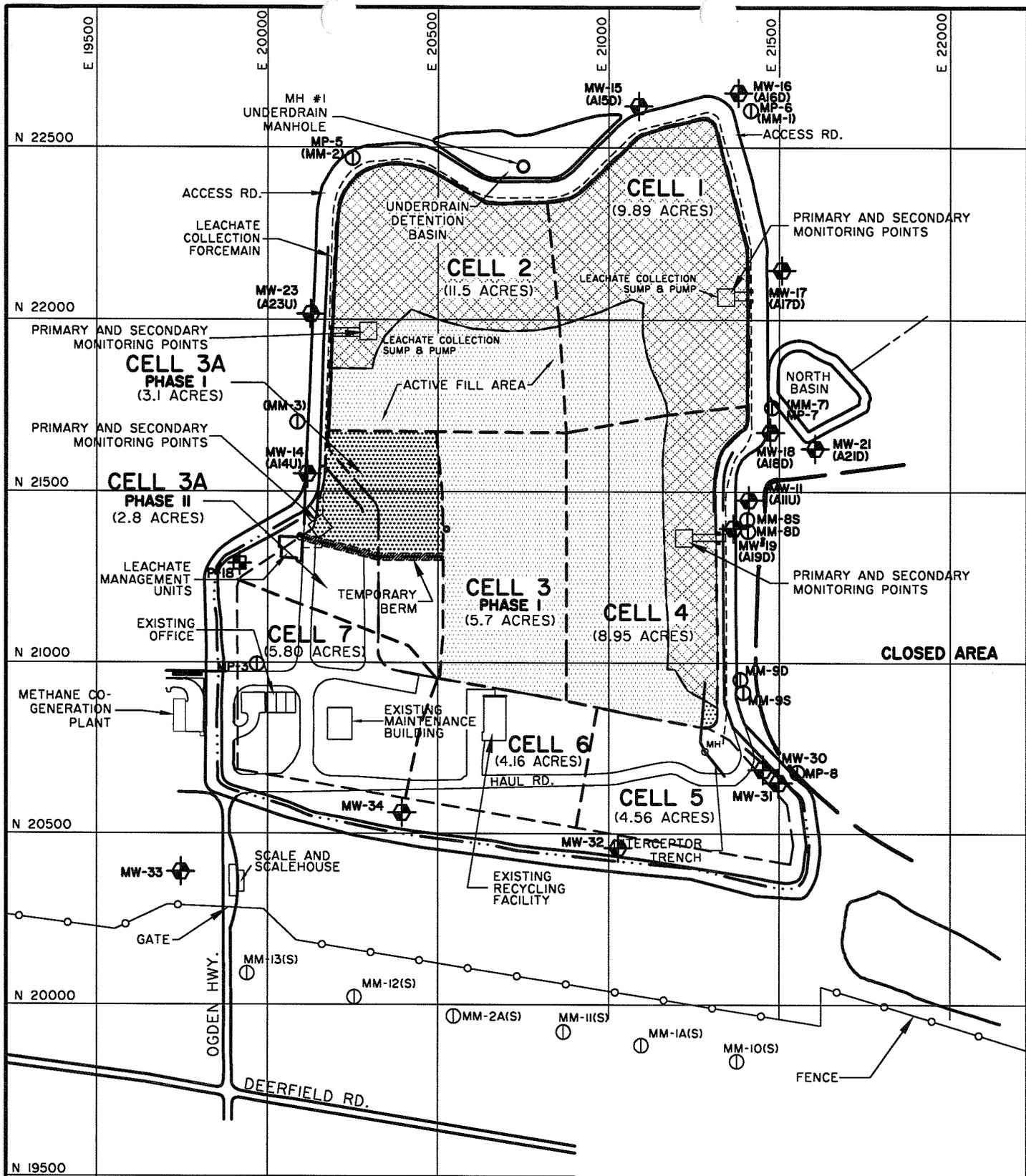
The permittee shall comply with all terms of this permit and the provisions of Part 115 and its rules. This permit includes the permit application and any attachments to this permit.

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 Solid Waste Disposal Area Construction Permit (Application) documents, dated October 19, 1998, and received by the Michigan Department of Environmental Quality (Department) on October 21, 1998. 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 Department.
3. The attached map (Attachment A) shows the Facility, the area permitted for construction, monitoring points, leachate storage units, methane cogeneration plant, detention basins, site roads, and related appurtenances.
4. Issuance of this permit is based on the assumption that the information submitted in the Application, dated October 19, 1998, received by the Department on October 21, 1998, 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 Department's Waste Management Division, Jackson District Supervisor, of any known inaccuracies and/or any deviation in the information of the Application which would affect the permittee's ability to comply with the applicable rules or permit conditions. This permit is issued based on Department review of the Application. The Application includes the following documents or their approved revisions which are incorporated by reference and become enforceable portions of this permit:
 - a. Application Form EQP 5506.
 - b. Fee in the amount of \$ 1,750.00.
 - c. Environmental Assessment titled, "Environmental Assessment for the Allied Waste Industries, Inc. (Adrian Landfill) Northwest Area Expansion," prepared by Hull & Associates, Inc., Toledo, Ohio, dated June 1998 and revised October 1998.
 - d. Hydrogeological Report titled, "Hydrogeology of the Proposed Expansion of the Northwest Area at the Allied Waste Industries, Inc., Adrian Landfill, Adrian, Michigan," prepared by Metcalf & Eddy, Inc., Cleveland, Ohio, dated June 1998.
 - e. Hydrogeological Monitoring Plan consisting of the following documents:
 - i. "Groundwater Monitoring Plan for the Proposed Expansion of the Northwest Area at the Allied Waste Industries, Inc., Adrian Landfill, Adrian, Michigan," prepared by Metcalf & Eddy, Inc., Cleveland, Ohio, dated June 1998, and revised September 1998.
 - ii. Leachate Collection System Monitoring Plan titled, "Primary Leachate and Secondary Collection System Monitoring Plan for the Allied Waste Industries, Inc., (Adrian Landfill) Northwest Area Expansion," prepared by Hull & Associates, Inc., Toledo, Ohio, dated June 1998, and revised October 1998.

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- iii. Surface Water Monitoring Plan titled, "Surface Water Monitoring Plan for the Allied Waste Industries, Inc. (Adrian Landfill) Northwest Area Expansion," prepared by Hull & Associates, Inc., Toledo, Ohio, dated June 1998.
 - f. Topographic Maps prepared by Hull & Associates, Inc., Toledo, Ohio, contained in the Engineering Plans, dated June 1988, and revised September 23, 1998, and October 5, 1998.
 - g. Engineering Report titled, "Design, Construction and Operations Report for the Allied Waste Industries, Inc. (Adrian Landfill) Northwest Area Expansion, Volume I and II," prepared by Hull & Associates, Inc., Toledo, Ohio, dated June 1998, and revised September 8, 1998, September 9, 1998, September 17, 1998, and January 25, 1999.
 - h. Engineering Plans titled, "Allied Waste Industries, Inc., Northwest Area Expansion Plans, Palmyra Twp., Lenawee Co., Michigan," prepared by Hull & Associates, Inc., Toledo, Ohio, dated June 1988, and revised September 23, 1998, October 5, 1998, November 9, 1998, November 19, 1998, November 20, 1998, December 29, 1998, January 25, 1999, and February 2, 1999.
 - i. Operation Plans titled, "Operation Plan," contained in Volume II, Appendix I, of the Engineering Report, prepared by Hull & Associates, Inc., Toledo, Ohio, dated June 1998.
 - j. Construction Quality Assurance Program titled, "Construction Quality Assurance/Construction Quality Control Plan for Construction of Environmental Protection Components for the Allied Waste Industries, Inc., (Adrian Landfill) Northwest Area Expansion," prepared by Hull & Associates, Inc., Toledo, Ohio, dated June 1998.
 - k. Closure and Post Closure Plan titled, "Closure/Post-Closure Plan for the Allied Waste Industries, Inc., (Adrian Landfill) Northwest Area Expansion," prepared by Hull & Associates, Inc., Toledo, Ohio, dated June 1998.
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to the Department's Waste Management Division, Jackson District Office.
6. **VARIANCES:** The permittee is granted the following variance(s) from Part 115 and/or its rules: None.
7. **SPECIAL CONDITIONS:**
- a. Prior to or at the time of applying for a license for Cells 5 and 6, the permittee shall submit documentation to the Department's Waste Management Division, Jackson District Office, to verify that the residential well located at 3446 Deerfield Road has been properly abandoned.
 - b. The permittee shall not allow solid waste to be transported along the access road located south of the solid waste boundary. However, the permittee may allow solid waste to be transported along the access road if the permittee first has submitted documentation to the Department's Waste Management Division, Jackson District Office, to verify that all domestic wells located within 800 feet of the access road have been properly abandoned.

END OF PERMIT



LEGEND

- P-18 - PIEZOMETER
- MW-33 - MONITOR WELL
- (MM-3) - METHANE PROBE
- CLOSED AREA (16.8 ACRES*)
- CURRENT AREA (22.35 ACRES*)

Hull & Associates, Inc.
TOLEDO, OHIO

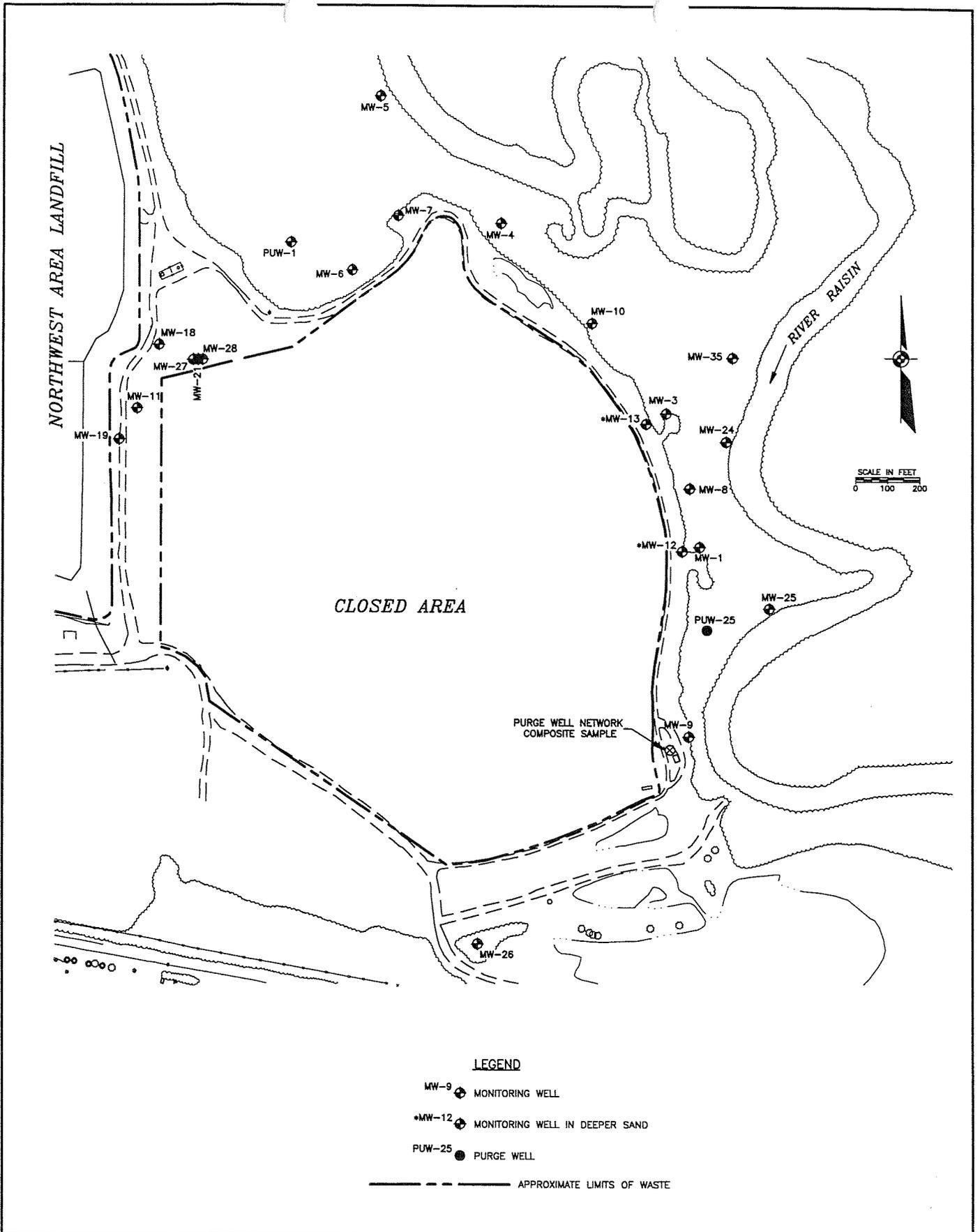
ADRIAN LANDFILL, INC.
NORTHWEST AREA

FACILITY MAP

PALMYRA TWP., LENAWEE CO., MICH.

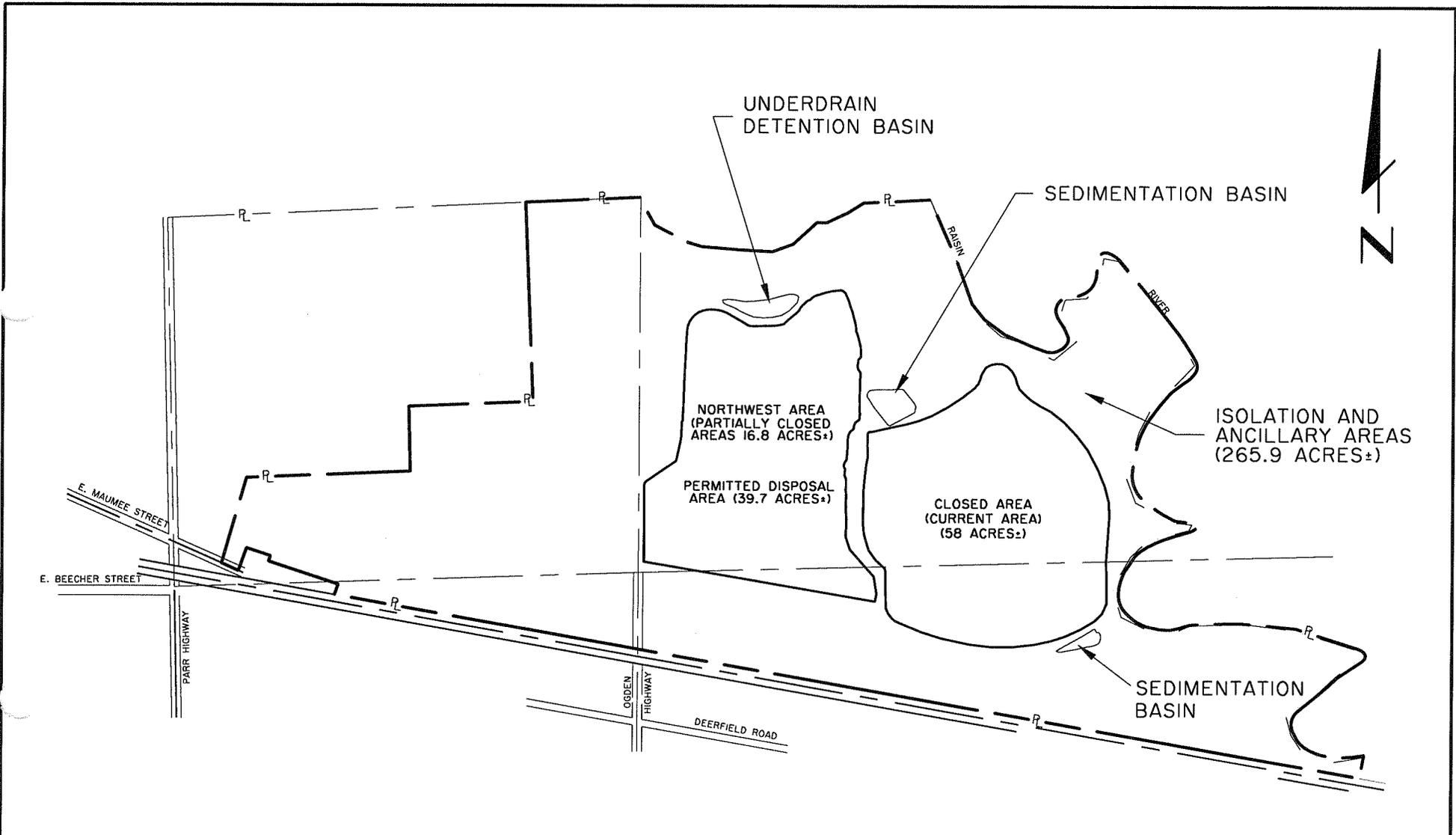
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JUNE 1998 (REVISED OCT. 1998, NOV. 1999) LAL076

LAL076.100.001.DWG
11/24/99 BKRALL



ADRIAN LANDFILL, INC.
CLOSED AREA
 PROPOSED GROUNDWATER MONITORING SYSTEM
 ADRIAN, MICHIGAN

PROJECT NUMBER 981-1050	
FILE NAME ADRPGMS	FIGURE 1



TOTAL ACREAGE

NW AREA PERMITTED DISPOSAL AREA =	39.7 ACRES±
NW AREA PARTIALLY CLOSED ACRES =	16.8 ACRES±
CLOSED AREAS =	58 ACRES±
ANCILLARY AND ISOLATIONS AREAS =	265.9 ACRES±
TOTAL SITE ACRAGE =	380.4 ACRES±



SCALE IN FEET

Hull & Associates, Inc. TOLEDO, OHIO	
ADRIAN LANDFILL, INC.	
OVERALL SITE MAP	
PALMYRA TWP., LENAWEE CO., MICHIGAN	
DATE:	JUNE 1998 (REVISED NOV. 1999)
	LAL071

LAL076.100.0012.DWG
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