DEQ

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: Manistique Papers, Inc. Type III Landfill

PERMITTEE/FACILITY OWNER: Manistique Papers, Inc.

PROPERTY OWNER: Manistique Papers, Inc.

TYPE OF FACILITY: Type III Low-Hazard Industrial Waste Landfill

FACILITY ID: 77-000018

COUNTY: Schoolcraft

PERMIT NUMBER: 4052

ISSUE DATE: July 10, 2003

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

FACILITY DESCRIPTION: The Manistique Papers, Inc. Type III Landfill, a Type III Low-Hazard Industrial Waste Landfill, consists of 550 acres located in the SW 1/4, Section 25, E 1/2 Section 26, NE 1/4 Section 35 and the NW 1/4 of Section 36, T42N, R16W, Hiawatha Township, Schoolcraft County, Michigan. The Facility is identified in Attachment A and is fully described in this permit.

RESPONSIBLE PARTY: Mr. Alan Olsen, Project Manager
Manistique Papers, Inc.
453 South Mackinac Avenue
Manistique, Michigan 49854
906-341-4236

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.

Steven E. Chester, Director
Michigan Department of Environmental Quality

Permittee/Facility Owner: Manistique Papers, Inc.
Facility Name: Manistique Papers, Inc. Type III Landfill
Construction Permit Number: 4052
Issue Date: July 10, 2003

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 March 18, 2003, and received by the Michigan Department of Environmental Quality (Department) on March 21, 2003. 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, 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 March 18, 2003, received by the Department on March 21, 2003, 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 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 Department 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. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Environmental Assessment, prepared by Bittner Engineering, Inc., dated March 20, 2003, and revised April 8, 2003.

   d. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Engineering Documents, prepared by Bittner Engineering, Inc., and dated March 20, 2003.

   e. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Hydrogeological Report, prepared by Bittner Engineering, Inc., and dated March 20, 2003.

   f. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Hydrogeological Monitoring Plan, prepared by Bittner Engineering, Inc., and dated March 20, 2003.

   g. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Engineering Plans, Sheets 1-15, prepared by Bittner Engineering, Inc., and dated March 20, 2003.

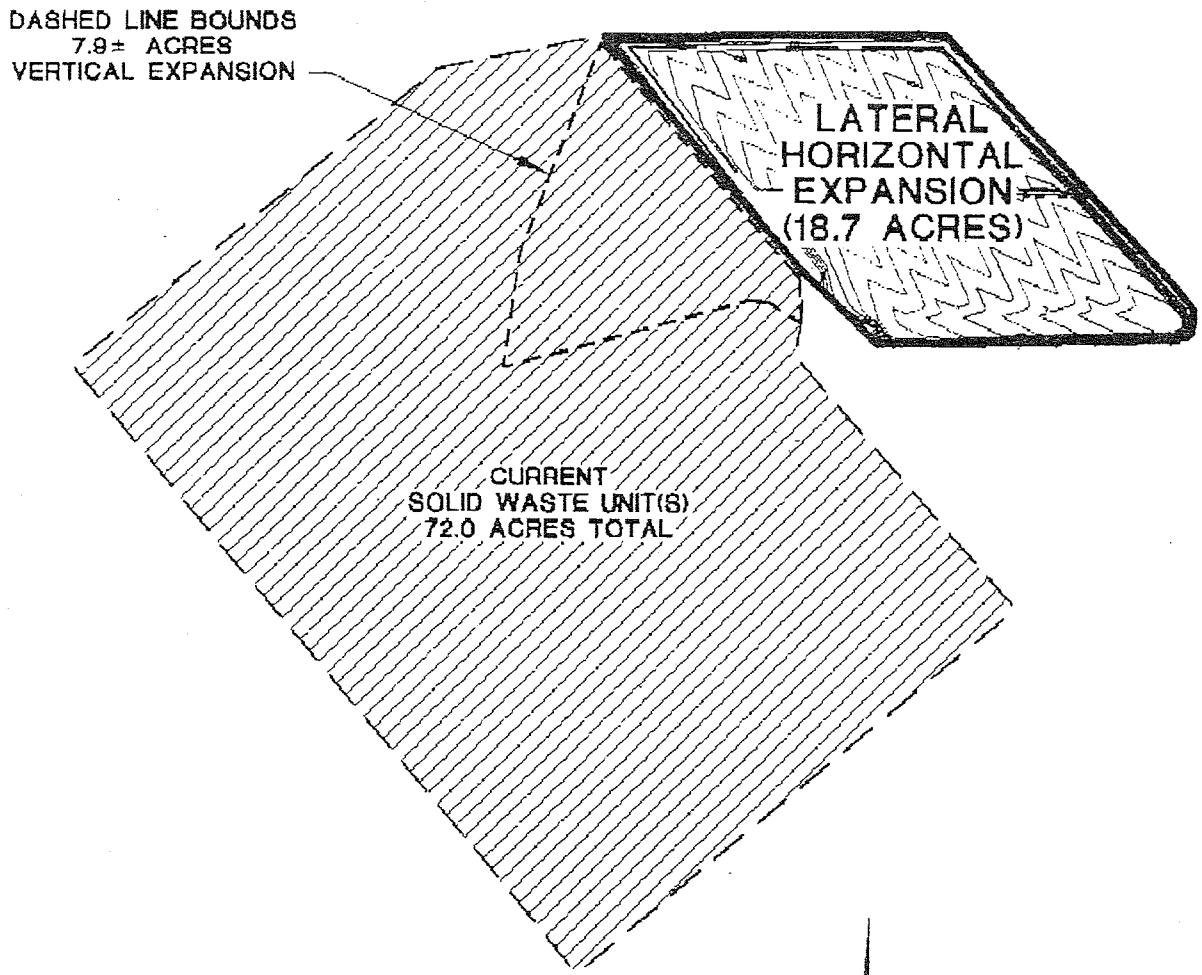
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to the Department's Waste and Hazardous Materials Division, Upper Peninsula District Office.

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.

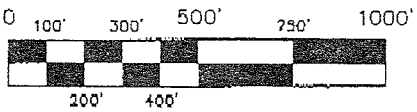
END OF PERMIT



LANDFILL PLAN

SCALE: 1" ≈ 500'

GRAPHIC SCALE

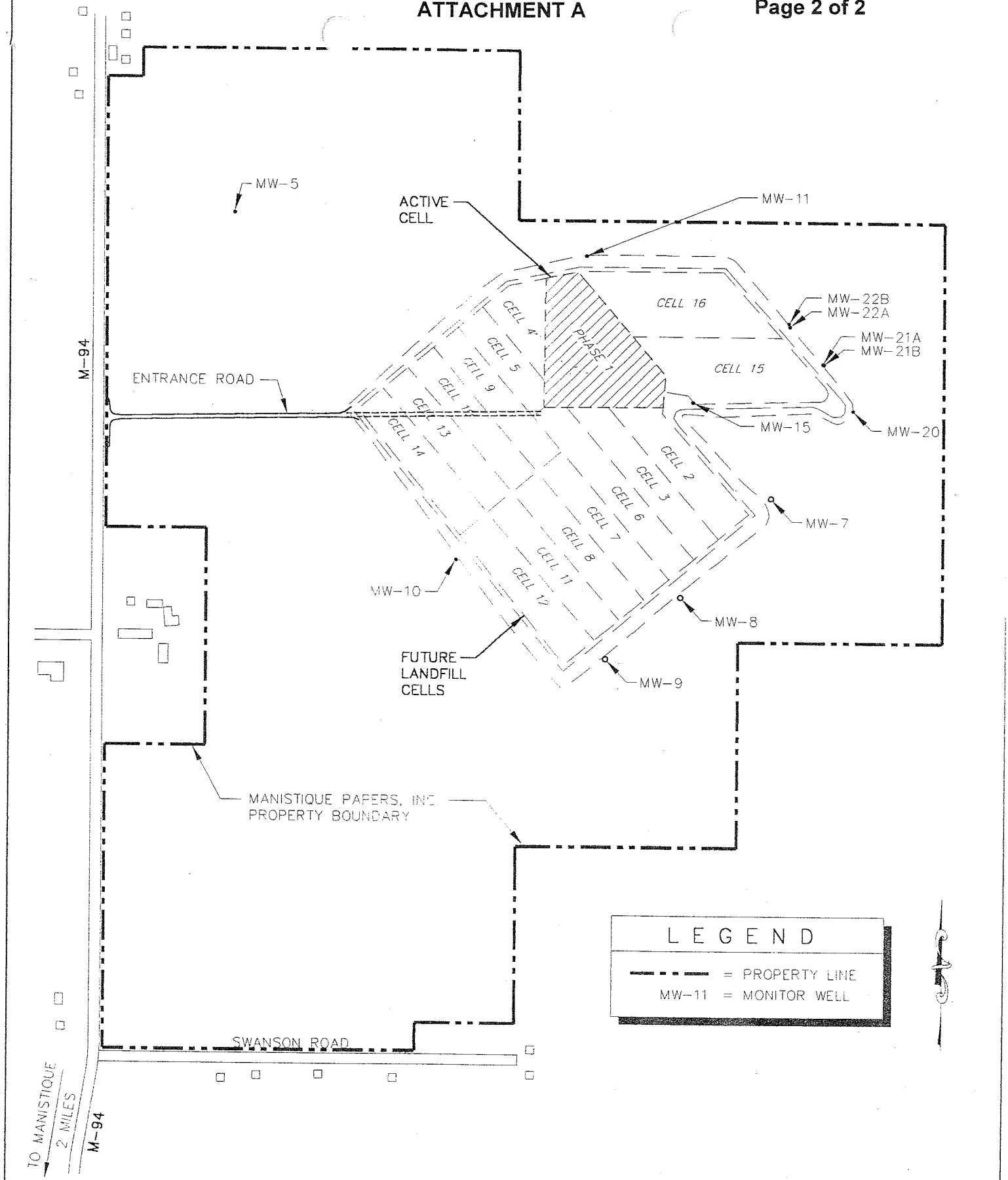


CURRENT ACTIVE FILL AREA	10.5 ACRES
CURRENT UNCONSTRUCTED AREA	61.5 ACRES
TOTAL CURRENT SOLID WASTE UNIT(S)	72.0 ACRES
LATERAL EXPANSION	18.7 ACRES
TOTAL SOLID WASTE BOUNDARY	90.7 ACRES
VERTICAL EXPANSION	7.9± ACRES

BITTNER ENGINEERING, INC.
113 SOUTH 10th STREET
ESCANABA, MICHIGAN 49829
906-789-1611 Email: bittner@charterm.net

SCALE:	1"≈500'	DATE:	7-8-03
DRAWN:	CHB	CHECKED:	DBB

MANISTIQUE PAPERS, INC. TYPE III LANDFILL
LATERAL (HORIZONTAL) AND
VERTICAL EXPANSION



BITTNER ENGINEERING, INC.
113 SOUTH 10th STREET
ESCANABA, MICHIGAN 49829
906-789-1511

SCALE: NONE	DATE: 4/7/2003
DRAWN: AJC	CHECKED: MJS

MANISTIQUE PAPERS, INC.

TYPE III LANDFILL HORIZONTAL & VERTICAL EXPANSION

SITE MAP