



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

SOLID WASTE DISPOSAL AREA OPERATING LICENSE

This license 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., and authorizes the operation of this solid waste disposal area (Facility) in the state of Michigan. This license does not obviate the need to obtain other authorizations as may be required by state law.

FACILITY NAME: Haywire Landfill

LICENSEE/OPERATOR: Zellar MPI Real Estate, Inc.

FACILITY OWNER: Zellar MPI Real Estate, Inc.

PROPERTY OWNER: Zellar MPI Real Estate, Inc.

FACILITY TYPE(S): Type III Low Hazard Industrial Landfill

FACILITY ID NUMBER: 478695

COUNTY: Schoolcraft

LICENSE NUMBER: 9479

ISSUE DATE: July 14, 2016

EXPIRATION DATE: July 14, 2021

FACILITY DESCRIPTION: The Haywire Landfill, a Type III low hazard industrial landfill, consists of 550 acres located in the SW 1/4 of Section 25, E 1/2 of Section 26, NE 1/4 of Section 35 and NW 1/4 of Section 36, T42N, R16W, Hiawatha Township, Schoolcraft County, Michigan, as identified in Attachment A and fully described in this license.

AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE: Phase 1, Cell 15 and Cell 16, totaling 28.5 acres.

RESPONSIBLE PARTY: Mr. Mark Ozoga, Environmental Manager
Zellar MPI Real Estate, Inc.
2725 West Highway 2
Gulliver, Michigan 49840
906-341-4228

FIRST OPERATING LICENSE: This License Number 9479 is the first operating license issued for this Facility to this licensee.

This license is subject to revocation by the Director of the Michigan Department of Environmental Quality, if the Director finds that this Facility 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. Failure to comply with the terms and provisions of this license may result in legal action leading to civil and/or criminal penalties pursuant to Part 115. This license shall be available through the licensee during its term and remains the property of the Director.

THIS LICENSE IS NOT TRANSFERABLE.

Carrie Hardigan, Acting Chief, Solid Waste Section
Office of Waste Management and Radiological Protection

Licensee: Zellar MPI Real Estate, Inc.
Facility Name: Haywire Landfill
Operating License Number: 9479
Issue Date: July 14, 2016

The licensee shall comply with all terms of this license and the provisions of Part 115 and the administrative rules implementing Part 115 (Part 115 Rules). This license includes the license application and any attachments to this license.

1. The licensee shall operate the Facility in a manner that will prevent violations of any state or federal law.
2. The following portions of the Facility are authorized to receive solid waste by this license:

ACTIVE PORTIONS NOT AT FINAL GRADE: The area(s) identified as Phase 1, Cell 15 and Cell 16 were authorized to receive waste by the previous license. This area's total acreage is 28.5 acres.

3. The following portions of the Facility **WILL BE** authorized to receive solid waste by this license following approval by the Michigan Department of Environmental Quality (MDEQ) of construction certification: None.
4. The following portions of the Facility are **NOT** authorized to receive solid waste by this license:

UNCONSTRUCTED AREA(S) WITHOUT FINANCIAL ASSURANCE: The area(s) identified as Cells 2-14 are not constructed and are not included in the calculation of financial assurance as required by Section 11523 of Part 115. This area's total acreage is 62.2 acres.

5. The attached map (Attachment A) shows the Facility, the area permitted for construction, monitoring points, leachate storage units, site roads, other disposal areas, and related appurtenances.
6. Issuance of this license is conditioned on the accuracy of the information submitted by the Applicant in the Application for License to Operate a Solid Waste Disposal Area (Application) received by the MDEQ on November 3, 2015, and any subsequent amendments. Any material or intentional inaccuracies found in that information is grounds for the revocation or modification of this license and may be grounds for enforcement action. The licensee shall inform the MDEQ's Office of Waste Management and Radiological Protection (OWMRP), Upper Peninsula District Supervisor, of any inaccuracies in the information in the Application upon discovery.
7. This license is issued based on the MDEQ's review of the Application, submitted by Zellar MPI Real Estate, Inc., for the haywire Landfill, dated October 30, 2015, and revised on November 3, 2015. The Application consists of the following:
 - a. Application Form EQP 5507.
 - b. Application fee in the amount of \$2,500.00.
 - c. Certification of construction by N/A.
 - d. Waste Characterization: N/A.
 - e. Restrictive Covenant:

The Manistique Papers, Inc. restrictive covenant on 90.7 acres is on file at the Schoolcraft County Register of Deeds recorded on June 6, 2007, as Liber 179 pages 81-84. A copy is on file with the MDEQ.

- f. Perpetual Care Fund Agreement, established as a standby escrow account, signed by Mr. James Zellar, Vice President, of Zellar MPI Real Estate, Inc. on October 30, 2015, was executed by the MDEQ on July 14, 2016.

Licensee: Zellar MPI Real Estate, Inc.
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g. Financial Assurance.

i. Financial Assurance Required:

The amount of financial assurance required for this Facility was calculated based on the calculation worksheet form EQP 5507A entitled, "Form A, Financial Assurance Required," and includes a Surety Bond of \$20,000.00 per acre of licensed landfill, and the Perpetual Care Fund requirement.

The Facility has provided financial assurance totaling \$736,763.77 based on the requirements of Section 11523 of Part 115, consisting of a combination of the Perpetual Care Fund established under Section 11525 of Part 115, and the bonding requirements of Section 11523 (1)(a) of Part 115. The financial assurance mechanisms used by the Facility are summarized below in Items ii and iii, respectively.

ii. Financial Assurance Provided Via a Perpetual Care Fund:

The Perpetual Care Fund Agreement statement showed a balance of \$166,763.77 in the Facility's Perpetual Care Fund as of October 30, 2015.

iii. Financial Assurance Provided Via Bond:

The following financial assurance has been received from the Applicant to meet the amount of financial assurance required:

Irrevocable Letters of Credit	\$570,000.00
Total Amount Received:	\$570,000.00

8. The following documents approved with Construction Permit Number(s) 4052 issued to the Manistique Papers, Inc. on July 10, 2003, are incorporated in this license by reference:

- a. 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.
- b. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Engineering Documents, prepared by Bittner Engineering, Inc., dated March 20, 2003.
- c. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Hydrogeological Report, prepared by Bittner Engineering, Inc., dated March 20, 2003.
- d. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Engineering Plans, prepared by Bittner Engineering, Inc., dated March 20, 2003.

9. The following additional documents, approved since the issuance of the construction permit(s) referenced in Item 8, are incorporated in this license by reference:

- a. Manistique Papers, Inc. Type III Landfill Horizontal and Vertical Expansion, Hydrogeological Monitoring Plan, prepared by Bittner Engineering, Inc. dated March 19, 2007, and revised August 2010.
- b. Slope Stability and Standing Water Plan for the FutureMark Manistique Type III Landfill prepared by FutureMark Manistique and dated February 12, 2014.

10. Consent Order/Judgment Number: Consent Order Number OWMRP 115-01-16 entered on July 11, 2016, is incorporated into this license by reference.

11. The licensee shall repair any portion of the certified liner or leachate collection system that is found to be deficient or damaged during the term of this license unless determined otherwise by the MDEQ.

Licensee: Zellar MPI Real Estate, Inc.
Facility Name: Haywire Landfill
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12. The licensee shall have repairs to any portion of the certified liner or leachate collection system recertified by a registered professional engineer in accordance with R 299.4921 of the Part 115 Rules and approved by the MDEQ before receiving waste in that portion of the certified liner or leachate collection system. The licensee shall submit the recertification to the MDEQ's OWMRP, Upper Peninsula District Office Supervisor, for review and approval.
13. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, dated March 19, 2007, and revised August 2010. The sampling analytical results shall be submitted to the MDEQ's OWMRP, Upper Peninsula and Cadillac District Office.
14. Modifications to the approved hydrogeological monitoring plan referenced in Item 13 may be approved, in writing, by the OWMRP, Upper Peninsula District Supervisor. Proposed revisions must be submitted in a format specified by the MDEQ.
15. Leachate may be recirculated if a leachate recirculation plan has been approved, in writing, by the OWMRP, Upper Peninsula District Supervisor.
16. Modifications to approved engineering plans that constitute an upgrading, as defined in R 299.4106a(l) of the Part 115 Rules, may be approved, in writing, by the OWMRP, Upper Peninsula District Supervisor.
17. Requests for alternate daily cover may be approved, in writing, by the OWMRP, Upper Peninsula District Supervisor.
18. Leakage Control Criteria: N/A.
19. **VARIANCES:** N/A.
20. **SPECIAL CONDITIONS:**

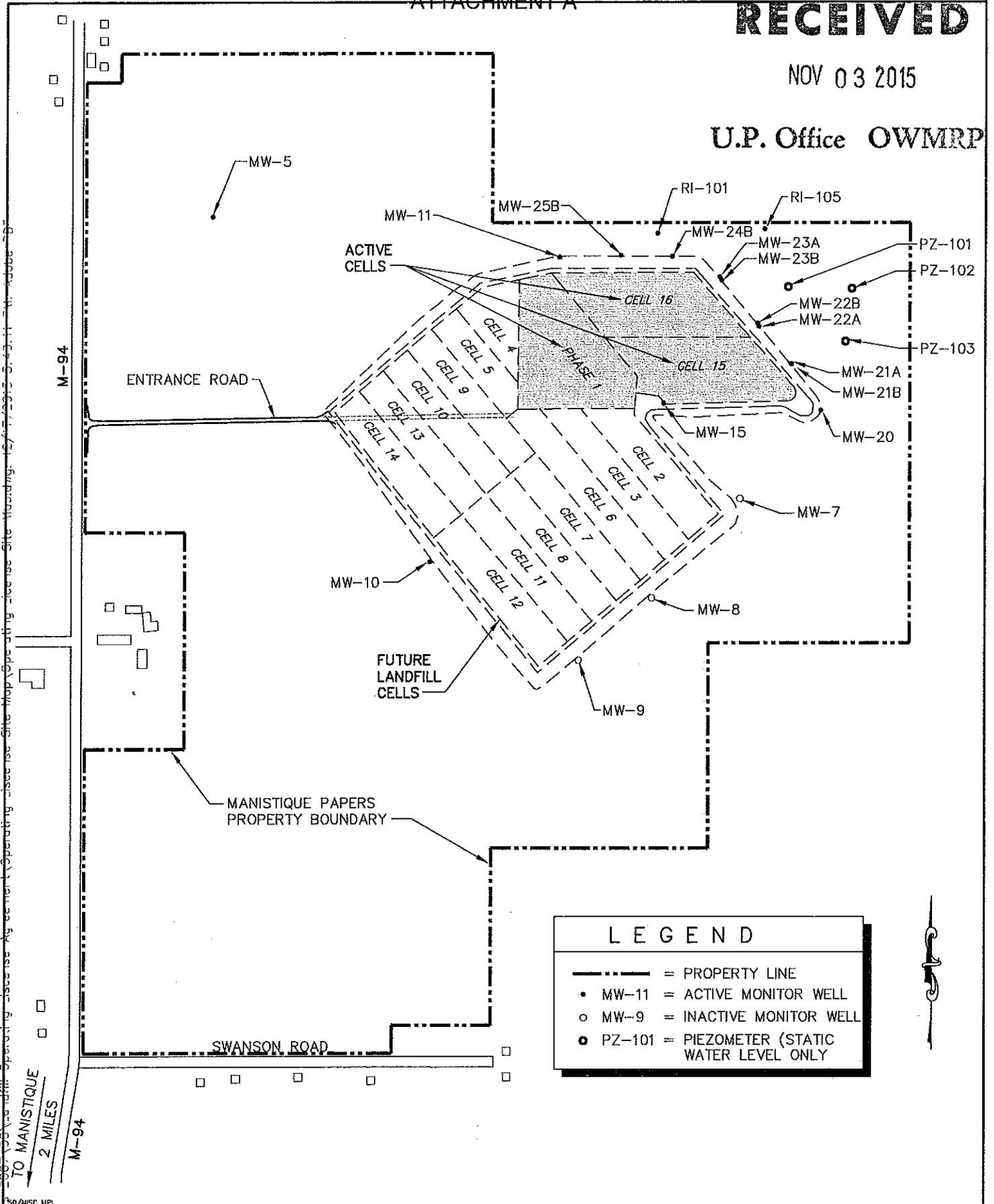
"This Type III facility is an unmonitorable unit. A response action plan was submitted to address this issue and was denied on March 4, 2016. Consent Order OWMRP 115-01-16 (Consent Order), entered on July 11, 2016, addresses the additional actions that are required to address the March 4, 2016, denial. If it is determined under the Consent Order that the facility remains unmonitorable, a new schedule for terminating waste receipt, initiating closure, and redesigning and constructing new units to include a leak detection system will be required prior to future licensing."
21. **TERM:** This license shall remain in effect until its expiration date, unless revoked or continued in effect, as provided by, the Administrative Procedures Act, 1969 PA 306, as amended, or unless superseded by the issuance of a subsequent license.

END OF LICENSE

RECEIVED

NOV 03 2015

U.P. Office OWMRP



LEGEND

- — — — — = PROPERTY LINE
- MW-11 = ACTIVE MONITOR WELL
- MW-9 = INACTIVE MONITOR WELL
- PZ-101 = PIEZOMETER (STATIC WATER LEVEL ONLY)

SCALE: NONE	DATE: 12-17-13
DRAWN: CHB	CHECKED: DBB

**Haywire Landfill
OPERATING LICENSE SITE MAP**

2007-2008 Haywire Landfill Operating License Site Map Operating License Site Map Operating License Site Map Operating License Site Map Operating License Site Map