



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: Matlin Road Landfill

LICENSEE/OPERATOR: Regulated Resource Recovery, Inc.

FACILITY OWNER: Regulated Resource Recovery, Inc.

PROPERTY OWNER: Regulated Resource Recovery, Inc.

FACILITY TYPE(S): Type III Construction and Demolition Landfill

FACILITY ID NUMBER: 444069

COUNTY: Monroe

LICENSE NUMBER: 9404

ISSUE DATE: August 27, 2014

EXPIRATION DATE: August 27, 2019

FACILITY DESCRIPTION: The Matlin Road Landfill, a Type III construction and demolition landfill, consists of 40.40 acres located in the SE Section 8, Ash Township, Monroe County, Michigan, as identified in Attachment A and fully described in this license.

AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE: Identified in item 2 of this license.

RESPONSIBLE PARTY: Mr. Anthony Abela, General Manager
Regulated Resource Recovery, Inc.
200 Matlin Road
Carleton, Michigan 48117
(734) 654-9800

RENEWAL OPERATING LICENSE: This License Number 9404 supersedes and replaces Solid Waste Disposal Area Operating License Number 9239 issued to Regulated Resource Recovery, Inc. on November 10, 2009.

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.

Steven R. Sliver, Chief, Solid Waste Section
Office of Waste Management and Radiological Protection

Licensee: Regulated Resource Recovery, Inc.
Facility Name: Matlin Road Landfill
Operating License Number: 9403
Issue Date: August 27, 2014

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:
 - a. **ACTIVE PORTIONS NOT AT FINAL GRADE:** The area(s) identified as Cell 1, Cell 2, the southern part of Cell 3, and the area identified as Cell 3 North were authorized to receive waste by the previous license. This area's total acreage is 18.34 acres.
 - b. **CONSTRUCTED AREAS CERTIFIED WITH THIS APPLICATION:** The area(s) identified as Cell 4 North were not authorized to receive solid waste by the previous license, but are authorized to receive waste by this license. This area's total acreage is 2.37 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:

UNCONSTRUCTED AREA(S) WITH FINANCIAL ASSURANCE: The area(s) identified as Cell 4 South, totaling 2.96 acres, are included in the calculation of financial assurance as required by Section 11523 of Part 115. This portion(s) of the Facility shall be authorized to receive waste, as part of this license, when acceptable certification is submitted to the MDEQ, as required by Section 11516(5) of Part 115, and determined by the MDEQ to be consistent with Part 115 and the Part 115 Rules. The certification shall verify that construction of this area(s) was in accordance with the Construction Permit(s) listed in Item 8 of this license, Part 115, and the Part 115 Rules.
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 Cell 5 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 6.52 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 May 30, 2014, 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), Jackson 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 Regulated Resource Recovery, Inc., for the Matlin Road Landfill, dated May 3, 2014, and revised July 15, 2014. 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 NTH Consultants, Ltd., dated May 23, 2014.
 - d. Waste Characterization: N/A.

Licensee: Regulated Resource Recovery, Inc.
Facility Name: Matlin Road Landfill
Operating License Number: 9403
Issue Date: August 27, 2014

e. Restrictive Covenant:

The declaration of restrictive covenant on 39.9 acres is on file at the Monroe County Register of Deeds recorded on April 19, 2000, as Liber 1898 pages 0752. A copy is on file with the MDEQ.

f. Perpetual Care Fund Agreement, established as a trust account, signed by Mr. Roger I. Homrich, President, Regulated Resource Recovery, Inc. on February 2, 1998, was executed by the MDEQ on March 12, 1998.

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 bond of \$20,000.00 per acre of licensed landfill, and the Perpetual Care Fund requirement.

The Facility has provided financial assurance totaling \$600,820.61, 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 \$127,420.61 in the Facility's Perpetual Care Fund as of March 31, 2014.

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 Letter of Credit	\$473,200.00
Total Amount Received:	\$473,200.00

8. The following documents approved with Construction Permit Number(s) 0119 issued to the Vellmure-Cunningham on April 14, 1984, are incorporated in this license by reference:

Matlin Road Type III Landfill, Engineering Plans (three sheets), dated February 20, 1981, prepared by L.N. Hayden, Inc., Engineers-Surveyors-Planners and sealed by Mr. Robert McDowell, P.E. and Mr. Alfred G. Benker, P.E. on February 20, 1981, (bearing Department of Natural Resources' Examined and Approved stamp, dated February 20, 1981).

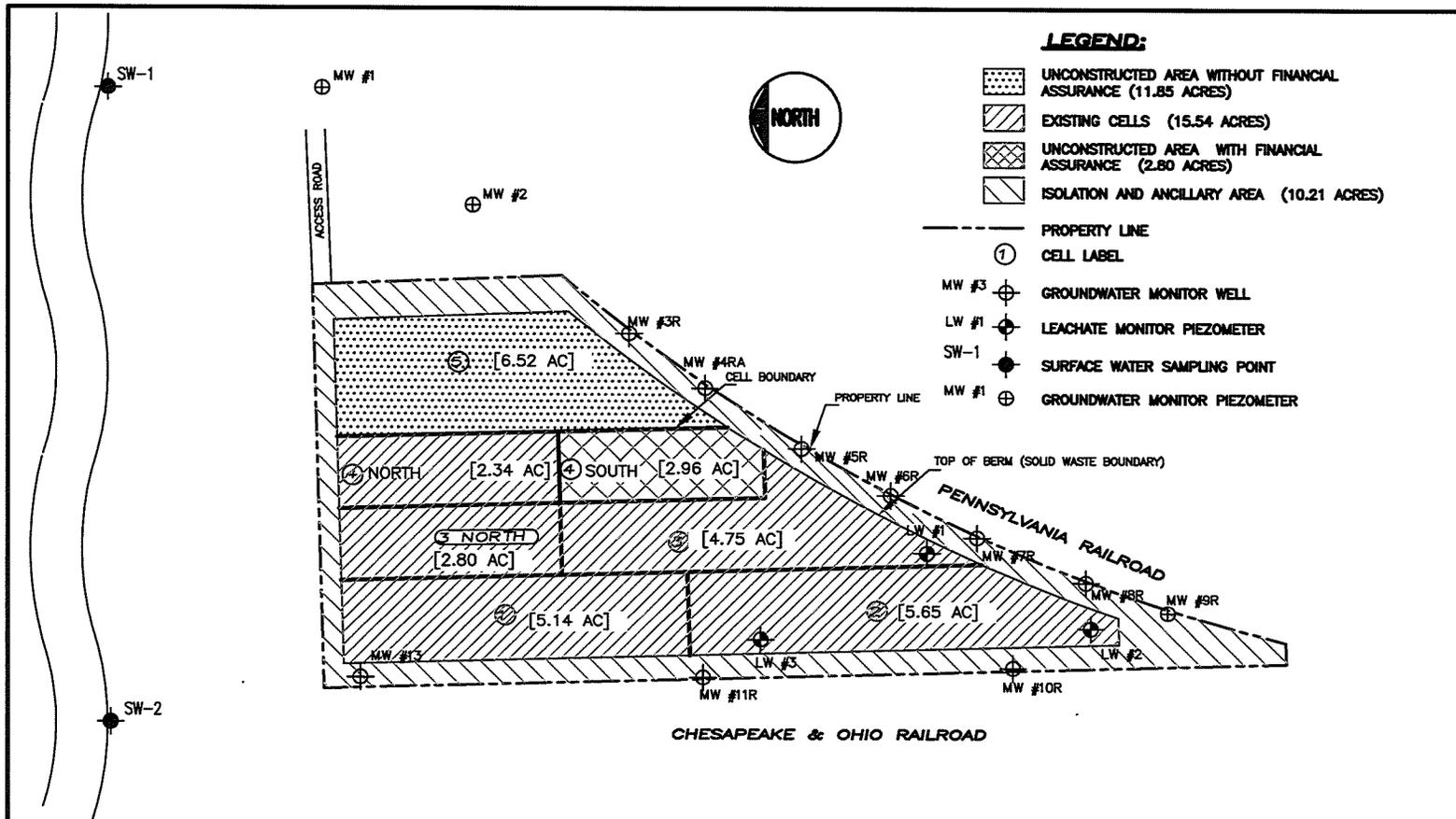
9. The following additional documents, approved since the issuance of the construction permit(s) referenced in Item 8, are incorporated in this license by reference:

- a. Hydrogeologic Monitoring Plan dated November 10, 1995.
- b. Demonstration Report and Addendum to Hydrogeologic Monitoring Plan, Matlin Road Landfill, dated May 15, 1998, and revised on May 20, 1998.
- c. Monitoring Well Replacement and Redevelopment, Matlin Road Landfill, dated August 17, 1998.
- d. Addendum to Hydrogeologic Monitoring Plan, Matlin Road Landfill, dated June 9, 2000, and revised on July 3, 2000, July 17, 2000, and September 26, 2000.
- e. Existing Site Plan, Matlin Road Type III Landfill, dated July 19, 2002.

Licensee: Regulated Resource Recovery, Inc.
Facility Name: Matlin Road Landfill
Operating License Number: 9403
Issue Date: August 27, 2014

- f. Response Action Plan, Matlin Road Type III Landfill, dated August 9, 2002, as approved in the Department's letter, dated August 14, 2002.
 - g. Addendum to Hydrogeological Monitoring Plan, Matlin Road Landfill, dated September 14, 2004.
 - h. Matlin Road Type III Landfill, Cell 4 North Design plans, dated October 17, 2013.
10. Consent Order/Judgment Number: N/A.
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.
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, Jackson District Office Supervisor, for review and approval.
13. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, dated November 10, 1995, and revised on May 15, 1998, May 20, 1998, August 17, 1998, June 9, 2000, July 3, 2000, July 17, 2000, September 26, 2000, and September 14, 2004. The sampling analytical results shall be submitted to the MDEQ's OWMRP, Jackson District Office.
14. Modifications to the approved hydrogeological monitoring plan referenced in Item 13 may be approved, in writing, by the OWMRP, Jackson 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, Jackson 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, Jackson District Supervisor.
17. Requests for alternate daily cover may be approved, in writing, by the OWMRP, Jackson District Supervisor.
18. Leakage Control Criteria:
- This Type III Facility is a monitorable unit and, therefore, does not need to be in compliance with the leakage control criteria of R 299.4422 of the Part 115 Rules.
19. **VARIANCES:** The licensee is granted the following variance(s) from Part 115 and/or the Part 115 Rules:
The licensee shall place a compacted layer of not less than six inches of suitable material, on exposed solid waste at least once every seven days, pursuant to R 299.4108(5)(f). This variance was approved by the MDEQ on October 30, 1985, with the first operating license issued to the Facility.
20. **SPECIAL CONDITIONS:** N/A.
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



PROJECT NO.
62-120865-CQA

SCALE:
1" = 400'

DRAWN BY:
KRO

CHECKED BY:
ACE



FACILITY MAP

MATLIN ROAD TYPE III LANDFILL
ASH TOWNSHIP, MONROE COUNTY, MICHIGAN

DATE:
05/05/14

SHEET
1 OF 1

ATTACHMENT NO:
1