



Michigan Department of Environmental Quality  
Resource Management Division

## 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: Great Lakes Pulp Company Type III Landfill

LICENSEE/OPERATOR: GLPC Residual Management, LLC

FACILITY OWNER: GLPC Residual Management, LLC

PROPERTY OWNER: GLPC Residual Management, LLC

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

FACILITY ID NUMBER: 439857

COUNTY: Menominee

LICENSE NUMBER: 9322

ISSUE DATE: February 2, 2012

EXPIRATION DATE: February 2, 2017

FACILITY DESCRIPTION: Great Lakes Pulp Company, a Type III low hazard industrial landfill, consists of 200 acres located in the E 1/2, SE 1/4, Section 30 and SW 1/4, Section 29, T33N, R27W, Menominee Township, Menominee County, Michigan, as identified in Attachment A and fully described in this license.

AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE: Cell 1, totaling 3.63 acres.

RESPONSIBLE PARTY: Mr. John Groleau  
Great Lakes Pulp Company  
701 Fourth Avenue  
P.O. Box 277  
Menominee, Michigan 49858  
906-864-9161

**RENEWAL OPERATING LICENSE:** This License Number 9322 supersedes and replaces Solid Waste Disposal Area Operating License Number 9148 issued to Great Lakes Pulp Company on November 3, 2006.

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 and Land Application Section  
Resource Management Division

Licensee: GLPC Residual Management, LLC  
Facility Name: Great Lakes Pulp Company Type III Landfill  
Operating License Number: 9322  
Issue Date: February 2, 2012

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 Cell 1 was authorized to receive waste by the previous license. This area's total acreage is 3.63 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:

**UNCLOSED AREA(S):** The area(s) identified as Cells 2 & 3 are at final grade but have not had final cover certification approved by the MDEQ. This area's total acreage is 10.37 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 1, 2011, 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 Resource Management Division (RMD), 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 GLPC Residual Management, LLC, for the Great Lakes Pulp Company Type III Landfill, dated October 24, 2011, and revised January 23, 2012. 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 Great Lakes Pulp Company, October 2, 2002, restrictive covenant on 71.7 acres is on file at the Menominee County Register of Deeds recorded on January 17, 2003, as Liber 481 pages 435-438. A copy is on file with the MDEQ.

- f. Perpetual Care Fund Agreement, established as a trust account, signed by Mr. Robert Balough, President of GLPC Residual Management, LLC, on October 26, 2006, was executed by the MDEQ on November 2, 2006.

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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 \$584,779.43 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, iii, and iv respectively.

ii. Financial Assurance Provided Via a Perpetual Care Fund:

The Perpetual Care Fund Agreement statement showed a balance of \$107,211.70 in the Facility's Perpetual Care Fund as of September 30, 2011.

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	\$280,000.00
Total Amount Received:	\$280,000.00

iv. Other Required Financial Assurance:

- a. Consent Order: Irrevocable Letter of Credit: \$100,000.00
- b. Corrective Action: Cash bond: \$97,567.73

8. The following documents approved with Construction Permit Number(s) 0322 issued to Great Lakes Pulp and Fibre, Inc. on November 11, 1995, are incorporated in this license by reference:

- a. Great Lakes Pulp and Fibre, Inc., Construction Permit Application, Type III Landfill, Volume 1, prepared by STS Consultants, Ltd., and dated August 8, 1995, that contains the following: The Environmental Assessment, the Engineering Report as approved on November 7, 1995, the Operations Manual as approved on November 7, 1995, the Construction Quality Assurance Plan as approved on November 7, 1995, and the Closure and Post-Closure Plan as approved on November 7, 1995.
- b. Great Lakes Pulp and Fibre, Inc., Construction Permit Application, Type III Landfill, Volume II, prepared by STS Consultants, Ltd., and dated August 8, 1995, and contains the following: Appendices and supporting documentation for the Engineering Report and Environmental Assessment.
- c. Great Lakes Pulp and Fibre, Inc., Construction Permit Application, Type III Landfill, Volume III, prepared by STS Consultants, Ltd., and dated August 8, 1995 and contains the following: The Hydrogeological Study and Hydrogeological Monitoring Plan as approved on November 8, 1995, and amended in August 2000.

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. Revised Closure Plan, Great Lakes Pulp Company Type III Landfill prepared by STS Consultants, Ltd., dated January 14, 2004.

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- b. Construction Quality Assurance Plan for Revised Closure Plan, Great Lakes Pulp Company Type III Landfill prepared by STS Consultants, Ltd., dated January 12, 2004.
10. Consent Order/Judgment Number: RMD Consent Order Number 115-07-31-08-00 and modified by Consent Order 115-07-31-08-00-01A, 115-07-31-00-02B, and 115-07-31-08-03C entered on September 19, 2000, modified on August 3, 2001, May 23, 2002, and November 12, 2003, 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.
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 RMD, Upper Peninsula District Supervisor, for review and approval.
13. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, dated August 8, 1995 and amended August 2000. The sampling analytical results shall be submitted to the MDEQ's RMD, Upper Peninsula District Office.
14. Modifications to the approved hydrogeological monitoring plan referenced in Item 13 may be approved, in writing, by the RMD, 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 RMD, Upper Peninsula District Supervisor.
16. Modifications to approved engineering plans that constitute an upgrading, as defined in R 299.4106a(i) of the Part 115 Rules, may be approved, in writing, by the RMD, Upper Peninsula District Supervisor.
17. Requests for alternate daily cover may be approved, in writing, by the RMD, Upper Peninsula District Supervisor.
18. Leakage Control Criteria:  

The active portions of the unit(s) authorized to receive waste by this license are unmonitorable unit(s) but are authorized to receive certain wastes under the provision of Consent Order Number 115-07-31-08-00 as amended.
19. **VARIANCES:** None.
20. **SPECIAL CONDITIONS:**  

The licensee may only accept the waste described in the Revised Closure Plan, Great Lakes Pulp Company Type III Landfill, prepared by STS Consultants, Ltd., and dated January 14, 2004.
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**

