



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MATERIALS MANAGEMENT DIVISION

**SOLID WASTE DISPOSAL AREA 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: Sparta Foundry Waste Facility

LICENSEE/OPERATOR: Federal-Mogul Piston Rings, LLC

FACILITY OWNER: Federal-Mogul Piston Rings, LLC

PROPERTY OWNER: Federal-Mogul Piston Rings, LLC

FACILITY TYPE(S): Type III Industrial Landfill

FACILITY ID NUMBER: 470355

COUNTY: Kent

LICENSE NUMBER: 9724

ISSUE DATE: December 28, 2023

EXPIRATION DATE: December 28, 2028

FACILITY DESCRIPTION: The Sparta Foundry Waste Facility, a Type III Industrial Landfill, consists of 71.00 acres located in the S 1/2 of the N 1/4 of Section 28, Sparta Township, Kent County, Michigan, as identified in Attachment A and fully described in this license.

AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE: See Attachment A, and items 2 and 3 of this license.

RESPONSIBLE PARTY: Douglas Brooks, Global Program Leader EHS  
Federal-Mogul Piston Rings, LLC  
15701 Technology Drive, EHS Team - 3<sup>rd</sup> Floor  
Northville, Michigan 48168  
(248) 849-1290

**RENEWAL OPERATING LICENSE:** This License Number 9724 supersedes and replaces Solid Waste Disposal Area Operating License Number 9687 issued to Federal-Mogul Piston Rings, LLC on November 16, 2022.

This license is subject to revocation by the Director of the Michigan Department of Environment, Great Lakes, and Energy, 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.**

Rhonda S. Oyer, Manager, Solid Waste Section  
Materials Management Division

Licensee: Federal-Mogul Piston Rings, LLC  
Facility Name: Sparta Foundry Waste Facility  
Operating License Number: 9724  
Issue Date: December 28, 2023

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 Phases I, II, and III were authorized to receive waste by the previous license. This area's total acreage is 8.75 acres.

3. The following portions of the Facility **WILL BE** authorized to receive solid waste by this license following approval by EGLE 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 Phases IV and V 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 4.85 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 EGLE on December 6, 2023, 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 EGLE's MMD Grand Rapids District Supervisor, of any inaccuracies in the information in the Application upon discovery.

7. This license is issued based on EGLE's review of the Application, submitted by Federal-Mogul Piston Rings, LLC, for the Sparta Foundry Waste Facility, dated December 4, 2023, and revised December 20, 2023, and December 27, 2023. The Application consists of the following:

a. Application Form EQP 5507.

b. Application fee in the amount of \$5,000.00.

c. Certification of construction by N/A, dated N/A.

d. Waste Characterization: N/A.

e. Restrictive Covenant:

The Sparta Foundry Waste Facility restrictive covenant on 13.6 acres is on file at the Kent County Register of Deeds recorded on June 3, 1991, as Liber 2869 pages 219-221. A copy is on file with EGLE.

f. Perpetual Care Fund Agreement (PCF), established as a trust account, signed by Stephanie O' Connor, Assistant Secretary, Federal-Mogul Piston Rings, Inc., on March 21, 2016, was executed by EGLE on March 25, 2016.

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 5507 entitled, "Form A, Financial Assurance Required,"

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and is \$201,286.49 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 \$201,286.49 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 Bond:

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

Irrevocable Letter of Credit      \$175,000.00

Total Amount Received:      \$175,000.00

iii. Financial Assurance Provided Via a Perpetual Care Fund:

The Perpetual Care Fund Agreement statement showed a balance of \$26,286.49 in the Facility's Perpetual Care Fund as of November 30, 2023. Of this amount, EGLE has granted the request to use \$26,286.49 toward the total amount of financial assurance required.

iv. Financial Assurance Provided Via a Financial Test for a Type II Landfill: N/A.

v. Financial Assurance Updates Required: N/A.

vi. Other Required Financial Assurance: N/A.

8. The following documents approved with Construction Permit Number(s) 0083 issued to Sparta Foundry on September 28, 1982, are incorporated in this license by reference:

a. "Construction Permit Application for Muskegon Piston Ring Company, Sparta Foundry Division, Sparta, Michigan," dated May 1982, which contains:

- i. Hydrogeological Investigation.
- ii. Groundwater Monitoring Plan.
- iii. Surface Water Monitoring Plan.
- iv. Environmental Assessment.

b. Engineering Plans, Muskegon Piston Ring Company, Sparta Foundry Division, prepared by RMT, Inc., dated May 1982.

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. "Water Quality Monitoring Plan for the A. E. Goetze-Sparta Type III Landfill," dated April 25, 2003.

b. Sparta Foundry Landfill Closure Design Drawings - REV2 submitted July 19, 2023, Sheets 1-9 (Cover - 08).

c. Sparta Foundry Waste Facility, Construction Quality Assurance Plan Revision 2 submitted February 3, 2023.

10. Consent Order/Judgment Number: N/A.

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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 EGLE.
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 EGLE before receiving waste in that portion of the certified liner or leachate collection system. The licensee shall submit the recertification to EGLE's MMD Grand Rapids District Supervisor, for review and approval.
13. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, dated April 25, 2003. The sampling analytical results shall be submitted to EGLE's MMD Grand Rapids District Office.
14. Modifications to the approved hydrogeological monitoring plan referenced in Item 13 may be approved, in writing, by EGLE's MMD Grand Rapids Supervisor. Proposed revisions must be submitted in a format specified by EGLE.
15. Leachate may be recirculated if a leachate recirculation plan has been approved, in writing, by EGLE's MMD Grand Rapids 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 EGLE's MMD Grand Rapids District Supervisor.
17. Requests for alternate daily cover may be approved, in writing, by EGLE's MMD Grand Rapids 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:

Under the authority of R 299.4108, the Facility has been granted a variance from the requirements to apply daily cover pursuant to the requirements of R 299.4316(1) with the issuance of Construction Permit Number 0083, issued to Sparta Foundry on September 28, 1982.

Under the authority of R 299.4108 the facility is authorized to place landfill cover materials over the entire surface more than 6 months after waste placement, as specified in R 299.4317(1), provided that a final closure certification in compliance with R 299.4921 is submitted to EGLE by September 30, 2024.

20. **SPECIAL CONDITIONS:**

A final cover certification in compliance with R 299.4921 for Phases I - III must be submitted by September 30, 2024.

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**

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If you need this information in an alternate format, contact [EGLE-Accessibility@Michigan.gov](mailto:EGLE-Accessibility@Michigan.gov) or call 800-662-9278.

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EGLE does not discriminate on the basis of race, sex, religion, age, national origin, color, marital status, disability, political beliefs, height, weight, genetic information, or sexual orientation in the administration of any of its programs or activities, and prohibits intimidation and retaliation, as required by applicable laws and regulations. Questions or concerns should be directed to the Nondiscrimination Compliance Coordinator at [EGLE-NondiscriminationCC@Michigan.gov](mailto:EGLE-NondiscriminationCC@Michigan.gov) or 517 249-0906.

This form and its contents are subject to the Freedom of Information Act and may be released to the public.

