



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MATERIALS MANAGEMENT DIVISION

**SOLID WASTE 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: Carleton Farms Landfill

PERMITTEE/FACILITY OWNER: Republic Services of Michigan I, LLC

PROPERTY OWNER: Republic Services of Michigan I, LLC

TYPE OF FACILITY: Municipal Solid Waste Landfill and Municipal Solid Waste Incinerator Ash Landfill

FACILITY ID: 390701

COUNTY: Wayne

PERMIT NUMBER: 4183

ISSUE DATE: June 21, 2023

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


FACILITY DESCRIPTION: The Carleton Farms Landfill, a Municipal Solid Waste Landfill and Municipal Solid Waste Incinerator Ash Landfill consists of 664.08 total acres, of which 471.44 acres have been permitted for the disposal of solid waste. The Facility is located in Section 36, T4 South, R8 East, Sumpter Township, Wayne County, Michigan. The Facility is identified in Attachment A and is fully described in this permit.

RESPONSIBLE PARTY: Mark Watson  
Area Director of Operations  
28800 Clark Road  
New Boston, Michigan 48164  
734-271-6147

This permit supersedes the following permits: Solid Waste Construction Permits 4078, 4121, and 4149 which were Issued June 12, 2006, December 15, 2011, and September 18, 2015, respectively.

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

  
Elizabeth M. Browne, Director  
Materials Management Division  
Michigan Department of Environment, Great Lakes, and Energy

Permittee/Facility Owner: Republic Services of Michigan I, LLC  
Facility Name: Carleton Farms Landfill  
Construction Permit Number: 4183  
Issue Date: June 21, 2023

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 June 2, 2022, and received by EGLE on June 3, 2022. The June 2, 2022, Application was subsequently revised in April and May of 2023 as identified below and on June 13, 2023. 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 EGLE.
3. The attached map (Attachment A Phase VI Expansion Property Boundary Description and Development Plan) 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 June 2, 2022, received by EGLE on June 3, 2022, and any subsequent revisions and 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 EGLE's MMD Warren 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 EGLE 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 \$1,750.00.
  - c. Permit application documents (2 volumes) titled "Phase VI Lateral & Vertical Expansion" prepared by Tetra Tech including the following:
    1. Engineering Report dated May 2022 and revised May 2023
    2. Environmental Assessment dated April 2023
    3. Construction Quality Assurance Plan revised May 2022 and April 2023
    4. Operations Plan dated March 20, 2022, and revised April 20, 2023, and May 10, 2023.
    5. Closure/Post Closure Plan dated May 2022 and revised April 2023
    6. Hydrogeologic Report Update dated March 20, 2022, and revised March 23, 2022.
    7. Hydrogeologic Monitoring Plan revised January 2022.
    8. Statistical Monitoring Plan revised January 2022.
    9. Engineering plan set titled Plans for the Phase VI Expansion at Republic Services Carleton Farms Landfill, prepared by Tetra Tech, dated April 2023 .
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to EGLE's MMD Warren District Office.
6. **VARIANCES:** The permittee is granted the following variance(s) from Part 115 and/or its rules:  
None.

**7. SPECIAL CONDITIONS:**

- a. The northwest and southwest sedimentation basins shall be constructed as soon as practicable after receiving the required plan approvals/permitting from Wayne County under the County's stormwater ordinance. The facility shall plan for construction of the basins prior to constructing new cells in the respective drainage areas for the basins.
  - b. The plan identified as an "enhanced HOV monitoring plan" in Section 3.6.1 Elevated Temperature Wells of the revised Operations Plan referenced in item 4.c. of this permit has been submitted to EGLE as of June 1, 2023, and upon approval, will be implemented by the permittee in accordance with the schedules and conditions contained therein.
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**

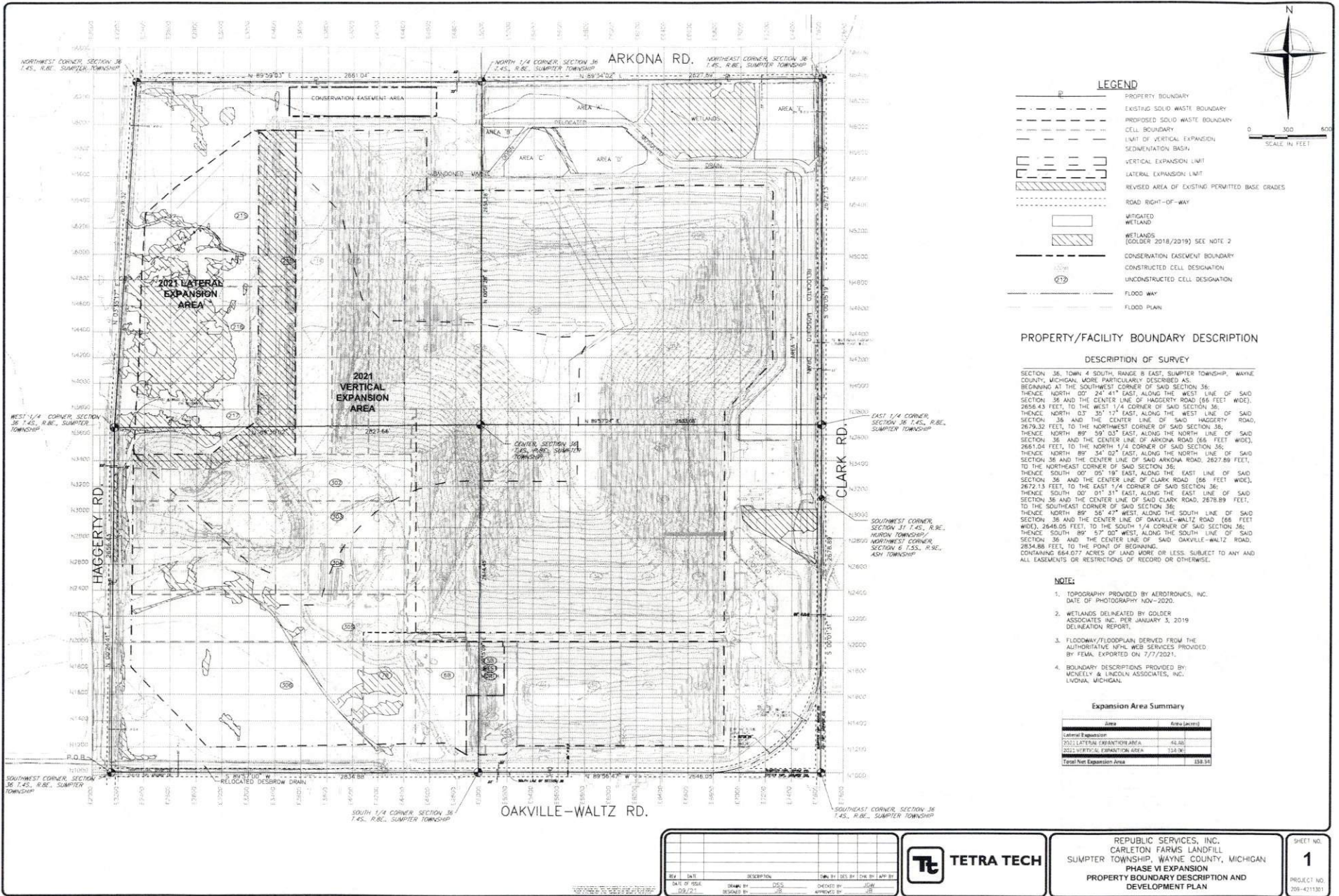
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If you need this information in an alternate format, contact [EGLE-Accessibility@Michigan.gov](mailto:EGLE-Accessibility@Michigan.gov) or call 800-662-9278.

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.

# Attachment A



**LEGEND**

- PROPERTY BOUNDARY
- EXISTING SOLID WASTE BOUNDARY
- PROPOSED SOLID WASTE BOUNDARY
- CELL BOUNDARY
- LIMIT OF VERTICAL EXPANSION
- SEDIMENTATION BASIN
- VERTICAL EXPANSION LIMIT
- LATERAL EXPANSION LIMIT
- REVISED AREA OF EXISTING PERMITTED BASE GRADES
- ROAD RIGHT-OF-WAY
- MITIGATED WETLAND
- WETLANDS (GOLDER 2018/2019) SEE NOTE 2
- CONSERVATION EASEMENT BOUNDARY
- CONSTRUCTED CELL DESIGNATION
- UNCONSTRUCTED CELL DESIGNATION
- FLOOD WAY
- FLOOD PLAN

**PROPERTY/FACILITY BOUNDARY DESCRIPTION**

**DESCRIPTION OF SURVEY**

SECTION 36, TOWN 4 SOUTH, RANGE 8 EAST, SUMPTER TOWNSHIP, WAYNE COUNTY, MICHIGAN, MORE PARTICULARLY DESCRIBED AS: BEGINNING AT THE SOUTHWEST CORNER OF SAID SECTION 36; THENCE NORTH 00° 24' 41" EAST, ALONG THE WEST LINE OF SAID SECTION 36 AND THE CENTER LINE OF HAGGERTY ROAD (66 FEET WIDE), 2836.43 FEET, TO THE WEST 1/4 CORNER OF SAID SECTION 36; THENCE NORTH 03° 39' 17" EAST, ALONG THE WEST LINE OF SAID SECTION 36 AND THE CENTER LINE OF SAID HAGGERTY ROAD, 2679.32 FEET, TO THE NORTHWEST CORNER OF SAID SECTION 36; THENCE NORTH 89° 59' 03" EAST, ALONG THE NORTH LINE OF SAID SECTION 36 AND THE CENTER LINE OF ARKONA ROAD (66 FEET WIDE), 2861.04 FEET, TO THE NORTH 1/4 CORNER OF SAID SECTION 36; THENCE NORTH 89° 34' 02" EAST, ALONG THE NORTH LINE OF SAID SECTION 36 AND THE CENTER LINE OF SAID ARKONA ROAD, 2827.89 FEET, TO THE NORTHEAST CORNER OF SAID SECTION 36; THENCE SOUTH 00° 00' 19" EAST, ALONG THE EAST LINE OF SAID SECTION 36 AND THE CENTER LINE OF CLARK ROAD (66 FEET WIDE), 2872.13 FEET, TO THE EAST 1/4 CORNER OF SAID SECTION 36; THENCE SOUTH 00° 01' 31" EAST, ALONG THE EAST LINE OF SAID SECTION 36 AND THE CENTER LINE OF SAID CLARK ROAD, 2678.89 FEET, TO THE SOUTHEAST CORNER OF SAID SECTION 36; THENCE NORTH 89° 59' 47" WEST, ALONG THE SOUTH LINE OF SAID SECTION 36 AND THE CENTER LINE OF DAKVILLE-WALTZ ROAD (66 FEET WIDE), 2848.05 FEET, TO THE SOUTH 1/4 CORNER OF SAID SECTION 36; THENCE SOUTH 89° 57' 00" WEST, ALONG THE SOUTH LINE OF SAID SECTION 36 AND THE CENTER LINE OF SAID DAKVILLE-WALTZ ROAD, 2834.88 FEET, TO THE POINT OF BEGINNING, CONTAINING 664.077 ACRES OF LAND MORE OR LESS, SUBJECT TO ANY AND ALL EASEMENTS OR RESTRICTIONS OF RECORD OR OTHERWISE.

- NOTE:**
- TOPOGRAPHY PROVIDED BY AEROTECHNICS, INC. DATE OF PHOTOGRAPHY NOV-2020.
  - WETLANDS DELINEATED BY GOLDER ASSOCIATES INC. PER JANUARY 3, 2019 DELINEATION REPORT.
  - FLOODWAY/FLOODPLAIN DERIVED FROM THE AUTHORITATIVE NFHL WEB SERVICES PROVIDED BY FEMA. EXPORTED ON 7/7/2021.
  - BOUNDARY DESCRIPTIONS PROVIDED BY MCNEELY & LINCOLN ASSOCIATES, INC., LIVONIA, MICHIGAN.

**Expansion Area Summary**

Area	Area (Acres)
Lateral Expansion	41.96
2021 Lateral Expansion Area	324.36
Total New Expansion Area	366.32

	<b>TETRA TECH</b>	REPUBLIC SERVICES, INC. CARLETON FARMS LANDFILL SUMPTER TOWNSHIP, WAYNE COUNTY, MICHIGAN <b>PHASE VI EXPANSION</b> PROPERTY BOUNDARY DESCRIPTION AND DEVELOPMENT PLAN	SHEET NO. <b>1</b> PROJECT NO. 206-4211301
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