



Michigan Department of Environmental Quality
Resource Management Division

SOLID WASTE DISPOSAL AREA 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: 4121

ISSUE DATE: December 15, 2011


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 incinerator ash landfill and a municipal solid waste landfill, consists of 664.08 acres located at 28800 Clark Road in Section 36, T4 S, R8 E, Sumpter Township, Wayne County, Michigan. The Facility is identified in Attachment A (pages 1, 2, and 3) and is fully described in this permit.

RESPONSIBLE PARTY: Mr. Dave Seegert, Division Manager
Republic Services of Michigan I, LLC
28800 Clark Road
New Boston, Michigan 48164
734-654-7229

This permit is subject to revocation by the Director of the Michigan Department of Environmental Quality (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.



Dan Wyant, Director
Michigan Department of Environmental Quality

Permittee/Facility Owner: Republic Services of Michigan I, LLC
Facility Name: Carleton Farms Landfill
Construction Permit Number: 4121
Issue Date: December 15, 2011

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.

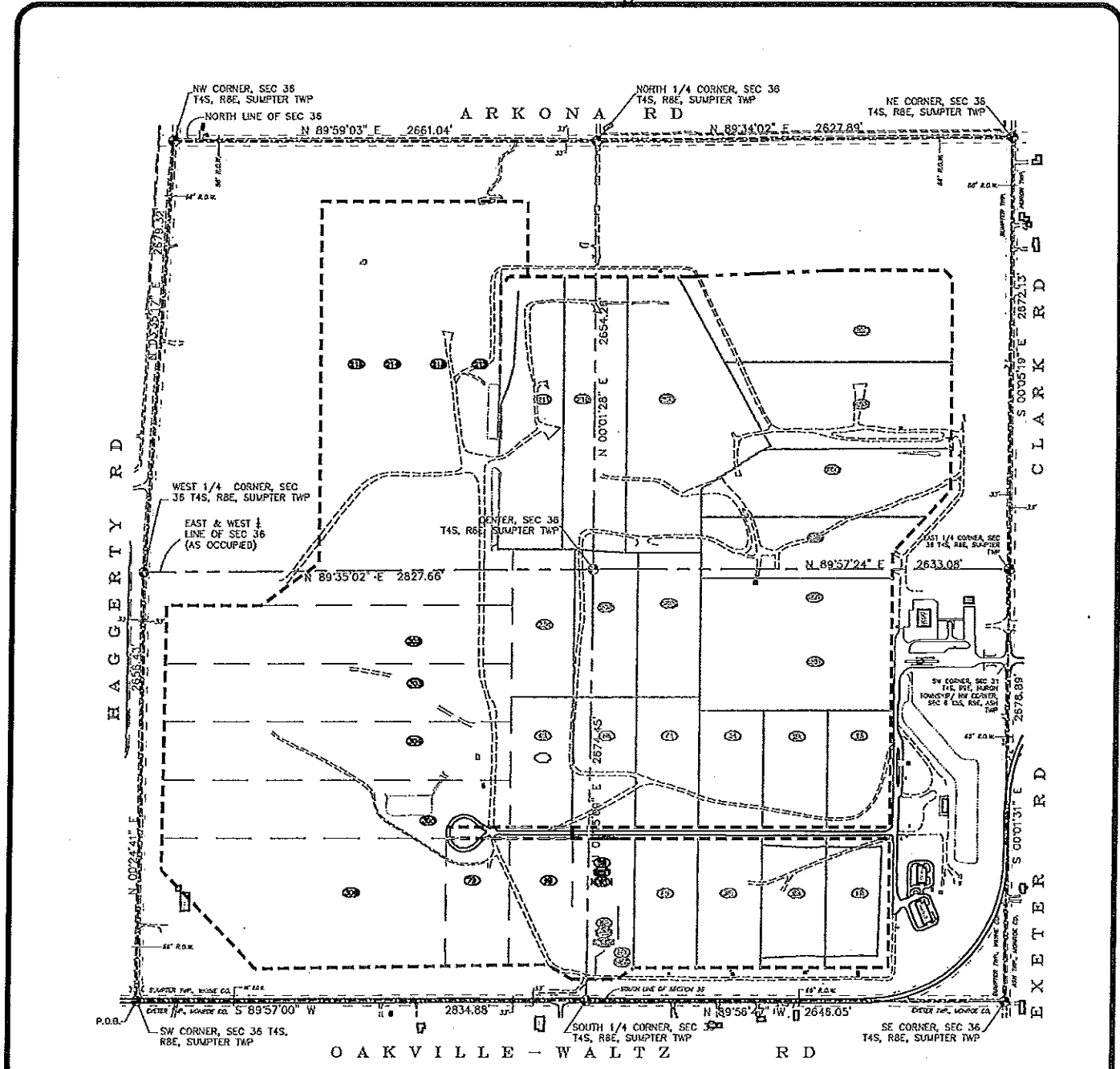
1. The permittee shall construct the Facility in a manner that will not violate any state or federal law.
2. This permit authorizes the construction of the disposal area as defined in the Application for Permit to Construct a Solid Waste Disposal Area (Application) documents dated June 29, 2011, and received by the Michigan Department of Environmental Quality (MDEQ), on July 1, 2011. 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 the MDEQ.
3. The attached map (page 1) depicts the Facility, the areas permitted for construction, 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 29, 2011, received by the MDEQ on July 1, 2011, and any subsequent 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 the MDEQ's Resource Management Division (RMD), Southeast Michigan 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 MDEQ 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.
 - c. Document (two volumes) titled "Application for Phase V Lateral & Vertical Expansion," prepared by Cornerstone Environmental Group, LLC, dated July 2011 and revised in October 2011 and November 2011. This document includes: "Engineering Report for Phase V Expansion" (dated November 2011), "Environmental Assessment" (dated November 2011), "Construction Quality Assurance Plan" (most recently revised October 2011), "Operations Plan" (dated November 2011), "Closure/Post Closure Plan" (dated November 2011), "Hydrogeologic Investigation and Supplemental Information" (dated October 2011), "Hydrogeologic Monitoring Plan," prepared by Golder Associates (dated June 2011 and revised November 2011), and "Statistical Monitoring Plan," prepared by Golder Associates (dated June 2011).
 - d. Engineering plan set (consisting of 50 sheets) titled "Engineering Plans for Phase V Expansion, Carleton Farms Landfill," prepared by Cornerstone Environmental Group, LLC, dated November 2011.
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to the MDEQ's RMD, Southeast Michigan 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 Leachate Recirculation Plan (dated November 2011), submitted as Appendix H to the Operations Plan included with the Application documents for this permit is approved for a trial

Permittee/Facility Owner: Republic Services of Michigan I, LLC
Facility Name: Carleton Farms Landfill
Construction Permit Number: 4121
Issue Date: December 15, 2011

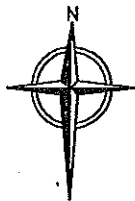
period that ends on September 30, 2012. The applicant may petition the MDEQ for continued approval of the Leachate Recirculation Plan within 30 days prior to the end of the trial period.

- b. This construction permit supersedes all previous construction permits issued to the Facility relative to future construction, operations, and environmental monitoring.
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.

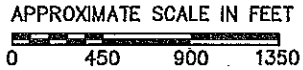
END OF PERMIT



LEGEND



- PROPERTY BOUNDARY
- SOLID WASTE BOUNDARY
- CELL BOUNDARY
- ===== PAVED ROAD/DRIVE
- UNPAVED ROAD/DRIVE
- ▭ BUILDING OR STRUCTURE
- ▭ POND



This drawing represents intellectual property of Cornerstone Environmental Group, LLC. Any modification to the original by other than Cornerstone Environmental Group, LLC personnel violates its original purpose and as such is rendered void. Cornerstone Environmental Group, LLC will not be held liable for any changes made to this document without express written consent of the originator.

REPUBLIC SERVICES OF MICHIGAN
 CARELTON FARMS LANDFILL
 CONSTRUCTION APPLICATION

LEGAL DESCRIPTION

FIGURE NO.
1
 PROJECT NO.
 110396

PROPERTY BOUNDARY DESCRIPTION

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), 2656.43 FEET, TO THE WEST 1/4 CORNER OF SAID SECTION 36; THENCE NORTH 03° 35'17" 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), 2661.04 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, 2627.89 FEET, TO THE NORTHEAST CORNER OF SAID SECTION 36; THENCE SOUTH 00°05'19" EAST, ALONG THE EAST LINE OF SAID SECTION 36 AND THE CENTER LINE OF CLARK ROAD (66 FEET WIDE), 2672.13 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°56'47" WEST, ALONG THE SOUTH LINE OF SAID SECTION 36 AND THE CENTER LINE OF OAKVILLE-WALTZ ROAD (66 FEET WIDE), 2646.05 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 OAKVILLE-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.



CORNERSTONE
Environmental Group, LLC

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REPUBLIC SERVICES OF MICHIGAN
CARELTON FARMS LANDFILL
CONSTRUCTION APPLICATION

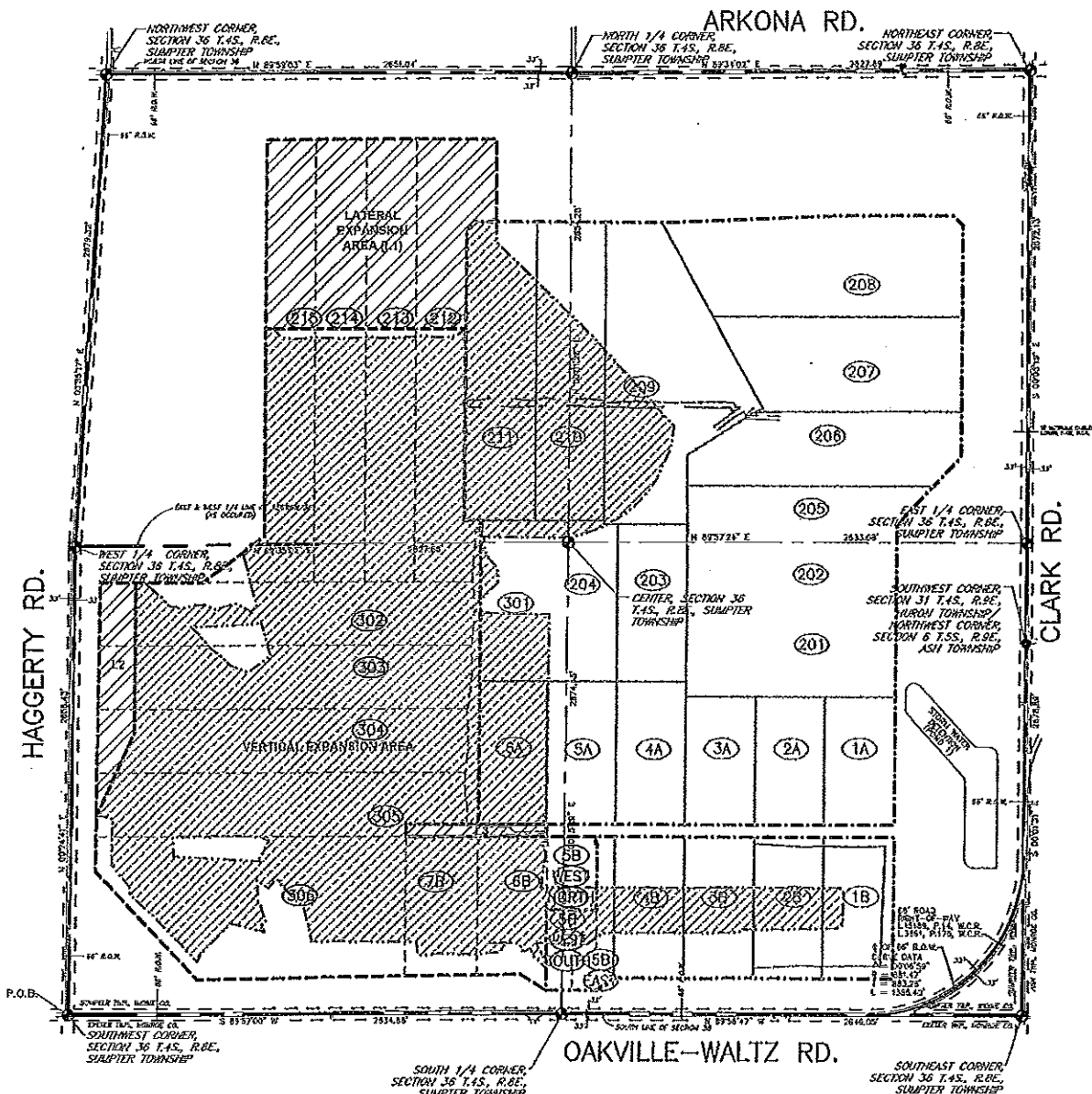
LEGAL DESCRIPTION

FIGURE NO.

2

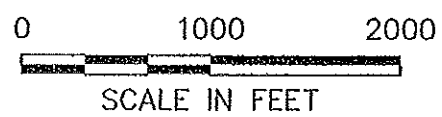
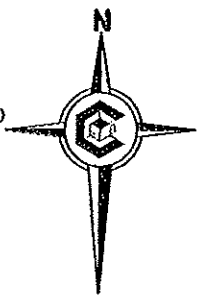
PROJECT NO.
110396

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LEGEND

- PROPERTY BOUNDARY
- EXISTING SOLID WASTE BOUNDARY
- EXISTING PERMITTED SOLID WASTE BOUNDARY BEING REVISED
- PROPOSED SOLID WASTE BOUNDARY
- CELL BOUNDARY
- LIMIT OF VERTICAL EXPANSION
- VERTICAL EXPANSION LIMIT
- LATERAL EXPANSION LIMIT
- ROAD RIGHT-OF-WAY
- CONSTRUCTED CELL DESIGNATION
- UNCONSTRUCTED CELL DESIGNATION



DATE 11/18/11
 DWN TAD
 APP JGW
 REV _____
 PROJECT NO.
 110346

FIGURE 3
 REPUBLIC SERVICES OF MICHIGAN I, LLC
 CARLETON FARMS LANDFILL
 SUMPTER TOWNSHIP, WAYNE COUNTY, MICHIGAN
**LATERAL AND VERTICAL
 EXPANSION AREAS**



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