



Michigan Department of Environmental Quality  
Office of Waste Management and Radiological Protection

**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: Eagle Valley Recycling and Disposal Facility

PERMITTEE/FACILITY OWNER: Waste Management of Michigan, Inc.

PROPERTY OWNER: Waste Management of Michigan, Inc.

TYPE OF FACILITY: Municipal Solid Waste Landfill

FACILITY ID: 412314

COUNTY: Oakland

PERMIT NUMBER: 4130

ISSUE DATE: December 21, 2012

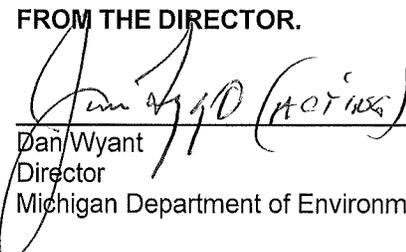
EXPIRATION DATE: One year from date of issuance unless development of the Facility begins within the year.

FACILITY DESCRIPTION: The Eagle Valley Recycling and Disposal Facility, a Municipal Solid Waste Landfill, consists of 277.50 acres at 600 West Silver Bell Road in portions of Section 26, 27, and 35, T4 North, R10 East, Orion Township, Oakland County, Michigan. The Facility is identified in Attachment A and is fully described in this permit.

RESPONSIBLE PARTY: Mr. Charles H. Cassie, Senior District Manager  
Waste Management of Michigan, Inc.  
600 West Silver Bell Road  
Orion Township, Michigan 48359  
313-815-1513

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.**

  
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Dan Wyant  
Director  
Michigan Department of Environmental Quality

Permittee/Facility Owner: Waste Management of Michigan, Inc.  
Facility Name: Eagle Valley Recycling and Disposal Facility  
Construction Permit Number: 4130  
Issue Date: December 21, 2012

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 5, 2012, and received by the Michigan Department of Environmental Quality (MDEQ), on June 6, 2012. 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 (Attachment A) 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 5, 2012, received by the MDEQ on June 6, 2012, 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 Office of Waste Management and Radiological Protection (OWMRP), 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. Application document (Volumes I, II, III, and IV) titled "Application for Permit to Construct a Solid Waste Disposal Area, Eagle Valley Recycle and Disposal Facility, West Area Development" dated June 2012, and revised October 2012 and November 2012. This document includes:

Volume I

- "Engineering Report" prepared by CTI and Associates, Inc. (dated June 2012 and revised October 2012 and November 2012).
- "Environmental Assessment" prepared by ASTI Environmental (dated May 31, 2012 and revised June 27, 2012 and October 25, 2012).
- "Construction Quality Assurance Plan for the Installation of Lining Systems" prepared by CTI and Associates, Inc. (dated June 2012 and revised October 2012 and November 2012).
- "Eagle Valley Recycling and Disposal Facility, West Area Development, Operations Plan" (dated June 2012 and revised October 2012 and November 2012).
- "Eagle Valley Recycling and Disposal Facility, Closure Plan" (dated June 2012 and revised October 2012).
- "Eagle Valley Recycling and Disposal Facility, Post-Closure Plan" (dated June 2012 and revised October 2012).

Volumes II and III

- "Hydrogeologic Investigation Report," prepared by Golder Associates, Inc. (dated May 2012 and revised October 2012 and November 2012).

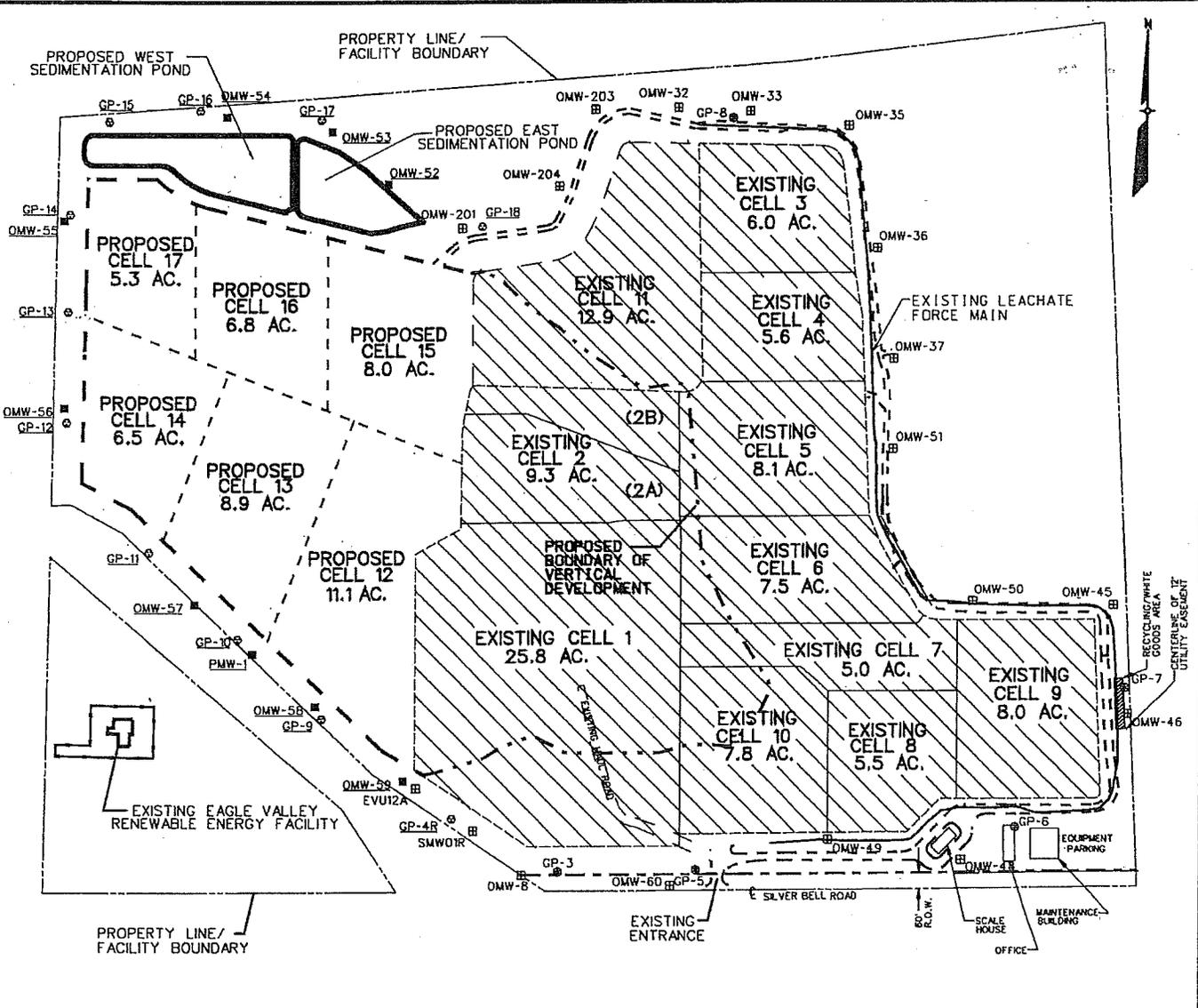
Permittee/Facility Owner: Waste Management of Michigan, Inc.  
Facility Name: Eagle Valley Recycling and Disposal Facility  
Construction Permit Number: 4130  
Issue Date: December 21, 2012

Volume IV

- "Hydrogeologic Monitoring Plan," prepared by Golder Associates, Inc. (dated June 2012 and revised October 2012 and November 2012).
- d. Engineering Plan Set (consisting of 22 sheets numbered 1 through 7K1) titled "Eagle Valley Recycling and Disposal Facility, Waste Management of Michigan, Inc., West Area Construction Permit Application," prepared by CTI and Associates, Inc., dated June 2012 and revised July 2012, October 26, 2012, and November 16, 2012.
5. The sampling parameters and monitoring frequencies are outlined in the Hydrogeological Monitoring Plan. The sampling results shall be submitted to the MDEQ's OWMRP, Southeast Michigan District Office.
6. **VARIANCES:** None.
7. **SPECIAL CONDITIONS:**
- a. In accordance with the approved Operations Plan referenced in Item 4.c. of this permit, the permittee must submit additional detailed construction and operations plans to the DEQ for review and approval prior to commencing the modifications to the sumps of Cells 1 and 2 that were included in the engineering plans approved with this permit.
  - b. This construction permit governs all future construction, operations, and environmental monitoring at the Facility.
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**

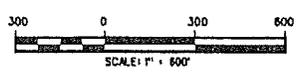
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**LEGEND**

- OMW-25 EXISTING GROUNDWATER MONITORING WELL
- OMW-25 PROPOSED GROUNDWATER MONITORING WELL
- GP-3 EXISTING GAS MONITORING PROBE
- GP-9 PROPOSED GAS MONITORING PROBE
- EXISTING ACCESS ROADS

|  |  |             |
|--|--|-------------|
|  | PROPOSED VERTICAL DEVELOPMENT                | 36.5 ACRES  |
|  | PROPOSED LATERAL DEVELOPMENT                 | 46.3 ACRES  |
|  | EXISTING AREA NOT AT FINAL GRADE             | 101.5 ACRES |
|  | UNCONSTRUCTED AREAS WITH FINANCIAL ASSURANCE | 0 ACRES     |
|  | UNCLOSED AREA AT FINAL GRADE                 | 0 ACRES     |
|  | PARTIALLY CLOSED AREA                        | 0 ACRES     |
|  | ISOLATION / ANCILLARY AREA                   | 129.7 ACRES |
|  | TOTAL FACILITY AREA                          | 277.5 ACRES |



**EAGLE VALLEY RECYCLING AND DISPOSAL FACILITY**      **ATTACHMENT - A**  
**NOVEMBER 2012**

DRAWING SIZE: 8.5x11 (in.)