



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

May 16, 2014

RECEIVED
MAY 20 2014

Mr. Kevin G. Trader, General Manager
US Ecology Michigan, Inc.
6520 Georgia Street
Detroit, Michigan 48211

Dear Mr. Trader:

SUBJECT: Application for a Solid Waste Disposal Area Operating License (License);
US Ecology Michigan, Inc.; Waste Data System Number 397151; License
Number 9386

Staff of the Department of Environmental Quality (DEQ), Office of Waste Management and Radiological Protection (OWMRP), have reviewed your License application for the solid waste processing plant known as US Ecology Michigan, Inc., located in the city of Detroit, Wayne County, Michigan. This review was conducted under the provisions of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Based upon our review of your application, your License is granted. Enclosed is your License.

Should you require further information, please contact Ms. Tracy Kecskemeti, Southeast Michigan District Supervisor, OWMRP, at 586-753-3775; kecskemetit@michigan.gov; or DEQ, 27700 Donald Court, Warren, Michigan 48092.

Sincerely,

Steven R. Sliver, Chief
Solid Waste Section
Office of Waste Management and
Radiological Protection
517-284-6595

Enclosure

cc: Wayne County Department of Public Services
City of Detroit Clerk
Ms. Tracy Kecskemeti/Mr. Greg Morrow, DEQ – Southeast Michigan
Facility File



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

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: US Ecology Michigan, Inc.

LICENSEE/OPERATOR: US Ecology Michigan, Inc.

FACILITY OWNER: US Ecology Michigan, Inc.

PROPERTY OWNER: US Ecology Michigan, Inc.

FACILITY TYPE(S): Solid Waste Processing Plant

FACILITY ID NUMBER: 397151

COUNTY: Wayne

LICENSE NUMBER: 9386

ISSUE DATE: May 16, 2014

EXPIRATION DATE: May 16, 2019

FACILITY DESCRIPTION: The US Ecology Michigan, Inc., facility, a solid waste processing plant, consists of 2.4 acres located at 6520 Georgia Street, City of Detroit, Wayne County, Michigan, as identified in Attachment A and fully described in this license.

AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE: See Attachment A and the referenced documents from Construction Permit Number 4098 listed in Item 5 of this license.

RESPONSIBLE PARTY: Mr. Kevin G. Trader, General Manager
US Ecology Michigan, Inc.
6520 Georgia Street
Detroit, Michigan 48211
313-571-7141

RENEWAL OPERATING LICENSE: This License Number 9386 supersedes and replaces Solid Waste Disposal Area License Number 9205 issued to Dynecol, Inc., on March 11, 2009.

This license is subject to revocation by the Director of the Michigan Department of Environmental Quality (Director) 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 Section
Office of Waste Management and Radiological Protection

Licensee: US Ecology Michigan, Inc.
Facility Name: US Ecology Michigan, Inc.
Operating License Number: 9386
Issue Date: May 16, 2014

The licensee shall comply with all terms of this license and the provisions of Part 115 and its administrative 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 attached map (Attachment A) shows the Facility, the area permitted for construction and/or placement and acceptance of waste, and the following, if applicable: monitoring points, leachate storage units, site roads, other disposal areas, and related appurtenances.
3. Issuance of this license is conditioned on the accuracy of the information submitted by the Operator/Applicant in the Application for License to Operate a Solid Waste Disposal Area (Application) received by the Michigan Department of Environmental Quality (MDEQ) on February 19, 2014, 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, Office of Waste Management and Radiological Protection (OWMRP), Southeast Michigan District Supervisor, of any inaccuracies in the information in the Application upon discovery.
4. This license is issued based on the MDEQ's review of the Application, submitted by US Ecology Michigan, Inc., for the US Ecology Michigan, Inc., solid waste processing plant, dated February 6, 2014. The Application consists of the following:
 - a. Application Form EQP 5507.
 - b. Application fee in the amount of \$500.00.
 - c. Certification of construction by Ronald E. Swan, Jr., P.E., Principal Engineer, TSP Environmental, dated March 12, 2014.
 - d. Financial Assurance.

Financial Assurance Required:

The amount of financial assurance required for this Facility was calculated based on the requirements of Section 11523(1)(c), is indicated on the form EQP 5507A entitled, "Form A Financial Assurance Required," and is \$6,861.05.

The Facility has provided financial assurance totaling \$6,861.05, based on the requirements of Section 11523 of Part 115. The financial assurance mechanism used by the Facility is summarized below.

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

Irrevocable Letter of Credit	\$6,861.05
Total Amount Received:	\$6,861.05

5. The following documents approved with Construction Permit Number(s) 4098 issued to the Dynecol, Inc., on October 14, 2008, are incorporated in this license by reference:
 - a. Construction Permit application submittal, including Environmental Assessment, Engineering Plans (including Figures 1 through 4 and Drawings 1 through 19.)
 - b. Hydrogeologic Report and Operations Plan entitled "Act 451 Michigan Part 115 Construction Permit Application," prepared by Earth Tech AECOM (formerly Earth Tech, Inc.), dated May 2008, and received by the MDEQ on May 23, 2008, with revisions dated September 2008 and received by the MDEQ on September 15, 2008.

Licensee: US Ecology Michigan, Inc.
Facility Name: US Ecology Michigan, Inc.
Operating License Number: 9386
Issue Date: May 16, 2014

6. The following additional documents, approved since the issuance of the construction permit(s) referenced in Item 5, are incorporated in this license by reference: N/A.
 - a. "Professional Engineer Certification" prepared by Earth Tech AECOM, dated November 24, 2008, and received as an attachment to the operating license application, dated November 24, 2008.
 - b. Letter report titled "Inspections and Certification of in-ground Vaults; Dynecol, 6520 Georgia Street, Detroit, Michigan" prepared by Technical Service Professionals, LLC., dated November 11, 2008, and received as an attachment to the operating license application, dated November 24, 2008.
 - c. Processing vault re-certification report titled "Aboveground Storage Tank API-653 Inspection Report, Pit #1, 2, and 3, 6520 Georgia Street, Detroit, Michigan 48211," prepared by TSP Environmental, dated March 12, 2014.
 - d. Document titled "ERMP-05 Free Release of Solidification Pit and Other Equipment" prepared by US Ecology Michigan, Inc., dated December 13, 2013.
7. Consent Order/Judgment Number: N/A.
8. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, dated NA (see Special Condition). The sampling analytical results shall be submitted to the MDEQ's, OWMRP, Southeast Michigan District Office.
9. Modifications to approved engineering plans that constitute an upgrading, as defined in R 299.4106a(e), may be approved, in writing, by the OWMRP, Southeast Michigan District Supervisor.
10. **SPECIAL CONDITIONS:**
 - a. The applicant shall report any fire incidents at the Facility to the MDEQ and Wayne County Department of Environment immediately.
 - b. At the time of issuance of this license, the applicant is not required to conduct groundwater monitoring at the Facility based on the evaluations presented in the "Hydrogeologic Report," revised September 2008, prepared by Earth Tech AECOM, and the fact that all solid waste processing operations will be conducted in an enclosed building with a properly sloped/contained concrete floor. The MDEQ may require groundwater monitoring in the future if there is reason to believe that the Facility may be causing groundwater contamination.
 - c. If the licensee is granted authorization under the provisions of Part 111, Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, MCL 324.11101 et seq. (Part 111), to store and/or treat hazardous waste within the solid waste disposal area authorized under this license, then the licensee shall revise the existing Part 115 Operations Plan (approved with Solid Waste Disposal Area Construction Permit Number 4098 issued on October 14, 2008) to address the storage/treatment of hazardous waste and submit it to the OWMRP for review and approval. The revised Part 115 Operations Plan must describe the waste screening, segregation, testing, and/or decontamination procedures that will be used to ensure that the treatment residuals generated at the Facility are managed and disposed in accordance with Part 115 or 111, as applicable.
11. **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

ATTACHMENT A

Project Management Initials: Designer: NLW Checked: MG Approved: ANSI B 11" x 17"

Last saved by: NGUYEN\N(2014-02-03) Last Plotted: 2014-02-03

Filename: I:\WORK\60314636\DWG\60314636\60314636.DWG PART 116 PERMIT 201402014 APPLICATION003116M01 SITE PLAN REVISED PERMIT RELEASED 1-28-14 DWG

