

STATE OF MICHIGAN

DEPARTMENT OF ENVIRONMENTAL QUALITY LANSING



November 13, 2017

Ms. Sylwia Scott Michigan Disposal Waste Treatment Plant 49350 North I-94 Service Drive Belleville, Michigan 48111

Dear Ms. Scott:

SUBJECT: Regulatory Status of the Michigan Disposal Waste Treatment Plant

Hazardous Waste Management Facility Operating License;

MID 000 724 831

The term of the hazardous waste management facility operating license issued to Michigan Disposal Waste Treatment Plant (MDWTP) expired on October 31, 2017. US Ecology filed a timely hazardous waste operating license renewal application for MDWTP. By filing a timely renewal application, the Michigan Administrative Procedures Act, 1969 PA 306, as amended, allows MDWTP to continue operation under the conditions of their existing license until the Michigan Department of Environmental Quality (MDEQ) makes a final determination on the renewal application.

If you have any questions, please contact Ms. Kimberly M. Tyson, Environmental Engineer Specialist, Hazardous Waste Section, Waste Management and Radiological Protection Division (WMRPD), at 517-284-6574; tysonk@michigan.gov; or MDEQ, WMRPD, P.O. Box 30241, Lansing, Michigan 48909-7741.

Sincerely,

Allan B. Taylor, Manager Hazardous Waste Section

Allan B. Taylor

Waste Management and Radiological

Protection Division

517-614-7335

cc: Ms. Tracy Kecskemeti, MDEQ

Mr. Michael Busse, MDEQ

Ms. Jeanette Noechel, MDEQ

Mr. Dave Slayton, MDEQ

Ms. Virginia Himich, MDEQ

Ms. Kimberly M. Tyson, MDEQ

Operating License File



STATE OF MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LANSING



October 31, 2007

Ms. Melinda Keillor Regulatory Specialist The Environmental Quality Company Michigan Disposal Waste Treatment Plant 49350 North I-94 Service Drive Belleville, Michigan 48111

Dear Ms. Keillor:

SUBJECT: Final Hazardous Waste Management Facility Operating License (License); Michigan Disposal Waste Treatment Plant (MDWTP), Belleville, Michigan; MID 000 724 831

The Michigan Department of Environmental Quality (MDEQ), Waste and Hazardous Materials Division (WHMD), has completed its review of the MDWTP License Application. Based on that review and the results of the public hearing held on June 6, 2007, the MDEQ has issued a License to the MDWTP pursuant to Part 111, Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The License Application review and the public participation procedures were conducted in accordance with Part 111.

Enclosed are copies of the License, Final Fact Sheet, Response to Comments, and Notice of Final Decision. If you have any questions or comments, please contact Ms. Kimberly M. Tyson, Hazardous Waste Section, WHMD, at 517-373-2487.

Sincerely,

George W. Bruchmann, Chief

Waste and Hazardous Materials Division

517-373-9523

Enclosures

cc: Mr. Jae Lee, U.S. Environmental Protection Agency, Region 5

Mr. Dale Meyer, U.S. Environmental Protection Agency, Region 5

Ms. Delores Montgomery, MDEQ

Mr. Steve Buda, MDEQ

Mr. Larry AuBuchon/Mr. Michael Busse, MDEQ

Ms. Connie Pennell, MDEQ

cc/enc: Ms. Kimberly M. Tyson, DEQ

Operating License File

NOTICE OF FINAL DECISION

MICHIGAN DISPOSAL WASTE TREATMENT PLANT Hazardous Waste Management Facility Operating License and Federal Resource Conservation and Recovery Act of 1976 (RCRA) Permit

The Michigan Department of Environmental Quality (MDEQ) issued a hazardous waste management facility operating license (License) to the Michigan Disposal Waste Treatment Plant (MDWTP), pursuant to Part 111, Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The License was issued on October 31, 2007, and allows the MDWTP to continue to operate a hazardous waste storage and treatment facility at 49350 North I-94 Service Drive, Belleville, Michigan. The MDWTP also received a federal RCRA Permit issued by the U.S. Environmental Protection Agency, Region 5 (U.S. EPA), pursuant to the Hazardous and Solid Waste Amendments to the RCRA. The effective date of the RCRA permit is September 11, 2007. Both the Part 111 License and the RCRA Permit will expire ten years from the date of issuance.

The MDEQ conducted a public participation process. Issues raised during that process have been addressed by the MDEQ in the Response to Comments.

The final Part 111 License, Response to Comments, and Final Fact Sheet may be reviewed at the Fred C. Fischer Library, 167 Fourth Street, Belleville, Michigan 48111; the Van Buren Charter Township Hall, 46425 Tyler Road, Belleville, Michigan 48111; the MDEQ, Southeast Michigan District Office, Waste and Hazardous Materials Division, 27700 Donald Court, Warren, Michigan 48092 (contact Mr. Michael Busse at 586-753-3839); the MDEQ, Waste and Hazardous Materials Division, Constitution Hall, Atrium North, 525 West Allegan Street, Lansing, Michigan 48933 (contact Ms. Kimberly M. Tyson at 517-373-2487); and at the U.S. EPA, Land and Chemical Division, RCRA Programs Section (DU-7J), 77 West Jackson Boulevard, Chicago, Illinois 60604 (contact Mr. Jae Lee at 1-800-621-8431, Extension 63781). Copies of these documents may be obtained for the cost of reproduction by contacting Ms. Lindacarol Leiter, Waste and Hazardous Materials Division, MDEQ, at 517-373-9875. Questions or comments concerning the MDWTP should be directed to Ms. Tyson.

DEQ

State of Michigan

Department of Environmental Quality HAZARDOUS WASTE MANAGEMENT FACILITY OPERATING LICENSE

NAME OF LICENSEE: Michigan Disposal Waste Treatment Plant

NAME OF OWNER: EQ – The Environmental Quality Company

NAME OF OPERATOR: EQ - The Environmental Quality Company

NAME OF TITLEHOLDER OF LAND: Wayne Disposal, Incorporated

FACILITY NAME: Michigan Disposal Waste Treatment Plant

FACILITY LOCATION: 49350 North I-94 Service Drive, Belleville, Michigan 48111

EPA IDENTIFICATION NUMBER: MID 000 724 831 EFFECTIVE DATE: October 31, 2007

REAPPLICATION DATE: October 31, 2016 EXPIRATION DATE: October 31, 2017

AUTHORIZED ACTIVITIES

Pursuant to Part 111 of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), being §§324.11101 to 324.11153 of the Michigan Compiled Laws, and the hazardous waste management administrative rules (hereafter called the "rules") promulgated thereunder, being R 299.9101 et seq. of the Michigan Administrative Code, by the Michigan Department of Environmental Quality (MDEQ), an operating license (hereafter called the "license") is issued to Michigan Disposal Waste Treatment Facility (MDWTP) (hereafter called the "licensee") to operate a hazardous waste management facility (hereafter called the "facility") located at latitude 42°13'30"N and longitude 083°31'00"W. The licensee is authorized to conduct the following hazardous waste management activities:

X STORAGE	X TREATMENT X Container	□ DISPOSAL □ Landfill	E POST CLOSURE □ Tank
X Container	X Tank	Land Application	☐ Surface Impoundment
X Tank		nt 🕒 Surface Impoundment	•
□ Waste Pile		It - Surface impoundment	□ Waste Pile
☐ Surface Impoundment			ii) Waste I lie
□ Drio Pad	□: Other:		

APPLICABLE REGULATIONS AND LICENSE APPROVAL

The conditions of this license were developed in accordance with the applicable provisions of the rules, effective December 16, 2004. The licensee shall comply with all terms and conditions of this license. This license consists of the 26 pages of conditions attached hereto (including those in Attachments 1 through 11) and the applicable regulations contained in R 299.9101 through R 299.11008, as specified in the license. For purposes of compliance with this license, applicable rules are those which are in effect on the date of issuance of this license in accordance with R 299.9521(3)(a).

This license is based on the information in the license application submitted on April 30, 2004, and any subsequent amendments (hereafter referred to as "the application"). Pursuant to R 299.9519(11)(c), the license may be revoked if the licensee fails, in the application or during the license issuance process, to disclose fully all relevant facts or, at any time, misrepresents any relevant facts. As specified in R 299.9519(1), the facility shall be constructed, operated, and maintained in accordance with Part 111 of Act 451, the rules, and this license.

This license is effective on the date of issuance and shall remain in effect for 10 years from the date of issuance, unless revoked pursuant to R 299.9519 or continued in effect as provided by the Michigan Administrative Procedures Act, 1969 PA 306, as amended (Act 306).

Issued this 31st day of October 2007

George W. Brychmann, Chief

Waste and Hazardous Materials Division

MICHIGAN DISPOSAL WASTE TREATMENT PLANT

MID 000 724 831

HAZARDOUS WASTE MANAGEMENT FACILITY OPERATING LICENSE

TABLE OF CONTENTS

PART I:	STANDARD CONDITIONS	Page
A.	TERMINOLOGY AND REFERENCES	1
B.	EFFECT OF LICENSE	1
C.	SEVERABILITY	1
D.	RESPONSIBILITIES	1
E.	SUBMITTAL DEADLINES	2
PART II:	GENERAL OPERATING CONDITIONS	
A.	GENERAL WASTE ANALYSIS	3
B.	SECURITY	3
C.	GENERAL INSPECTION REQUIREMENTS	3
D.	PERSONNEL TRAINING	3
E.	PREPAREDNESS AND PREVENTION	3
F.	CONTINGENCY PLAN	3
G.	DUTY TO MITIGATE	4
H.	MANIFEST SYSTEM	4
1.	RECORDKEEPING AND REPORTING	4
J.	CLOSURE	5
K.	FINANCIAL ASSURANCE FOR CLOSURE	6
L.	FINANCIAL ASSURANCE FOR CORRECTIVE ACTION	6
M.	FINANCIAL RESPONSIBILITY FOR LIABILITY COVERAGE	6
N	WASTE MINIMIZATION	6

Ο.	LAND DISPOSAL RESTRICTIONS	6
P.	AIR EMISSION STANDARDS	6
Q.	HAZARDOUS WASTE DELIVERY AND ON-SITE WASTE TRANSPORT REQUIREMENTS	7
R.	GENERAL HOUSEKEEPING	7
S.	DOCUMENTS TO BE MAINTAINED AT THE FACILITY	7
T.	ENGINEERING PLANS	8
PART	III: CONTAINER STORAGE AND TREATMENT CONDITIONS	
A.	COVERAGE OF LICENSE	9
B.	WASTE IDENTIFICATION AND QUANTITY	9
C.	WASTE TREATMENT METHODS	10
D.	WASTE BULKING OR CONSOLIDATION	10
E.	USE AND MANAGEMENT OF CONTAINERS	11
F.	SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTES	11
G.	SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTES OR MATERIALS	12
H.	DISPOSITION OF ACCUMULATED LIQUIDS AND SOLIDS	12
l.	COMPLIANCE WITH AIR EMISSION AND WASTE MANAGEMENT REQUIREMENTS FOR STORAGE IN CONTAINERS	12
PART	IV: TANK SYSTEM STORAGE AND TREATMENT CONDITIONS	
A.	COVERAGE OF LICENSE	13
B.	WASTE IDENTIFICATION AND QUANTITY	13
C.	WASTE TREATMENT CAPACITY AND METHODS	14
D.	DESIGN, CONTAINMENT, AND ASSESSMENT OF TANK SYSTEMS	15
E.	MANAGEMENT OF TANK SYSTEMS	15
F.	SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTES OR MATERIALS	15
G.	SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTES OR MATERIALS	16
H.	DISPOSITION OF ACCUMULATED LIQUIDS AND SOLIDS	16

I.	STORAGE AND TREATMENT IN TANK SYSTEMS	16
PART V:	ENVIRONMENTAL MONITORING CONDITIONS	
A.	GROUNDWATER MONITORING PROGRAM	17
B.	AMBIENT AIR MONITORING PROGRAM	19
PART VI	CORRECTIVE ACTION CONDITIONS	
A.	CORRECTIVE ACTION AT THE FACILITY	20
B.	CORRECTIVE ACTION BEYOND THE FACILITY BOUNDARY	20
C.	IDENTIFICATION OF WASTE MANAGEMENT UNITS	20
D.	REMEDIAL INVESTIGATION	22
E.	INTERIM RESPONSE ACTIVITIES	22
F.	DETERMINATION OF NO FURTHER ACTION	23
G.	FEASIBILITY STUDY	23
H.	REMEDIAL ACTION PLAN	24
l.	CORRECTIVE ACTION MANAGEMENT UNITS	24
J.	TEMPORARY UNITS	24
K.	SUMMARY OF CORRECTIVE ACTION SUBMITTALS	24
L.	CORRECTIVE ACTION DOCUMENTS RETENTION	26

LIST OF ATTACHMENTS

WASTE ANALYSIS PLAN ATTACHMENT 1 ATTACHMENT 2 INSPECTION SCHEDULE ATTACHMENT 3 PERSONNEL TRAINING PROGRAM ATTACHMENT 4 **CONTINGENCY PLAN CLOSURE PLAN** ATTACHMENT 5 **ATTACHMENT 6** WASTE DELIVERY PROCEDURES CONTAINER STORAGE PLANS AND SPECIFICATIONS ATTACHMENT 7 **ATTACHMENT 8** TANK SYSTEMS PLANS AND SPECIFICATIONS AND TREATMENT METHODS ATTACHMENT 9 GROUNDWATER MONITORING PROGRAM ATTACHMENT 10 AMBIENT AIR MONITORING PROGRAM

CORRECTIVE ACTION PROGRAM

ATTACHMENT 11