



JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



STEVEN E. CHESTER  
DIRECTOR

November 25, 2009

Mr. Scott Binder, Director of Operations  
EQ Detroit, Inc.  
1923 Frederick Street  
Detroit, Michigan 48211

Dear Mr. Binder:

**SUBJECT:** Amended Solid Waste Disposal Area Operating License 9220; EQ Detroit, Inc.; Waste Data System Number 399367

Solid Waste Disposal Area Operating License 99220 was issued June 30, 2009, for the municipal solid waste processing plant, known as EQ Detroit, Inc., located in the city of Detroit, Wayne County, Michigan. This license is being amended due to an agreement negotiated between EQ Detroit, Inc. and the Department of Environmental Quality (DEQ). Please add the enclosed amendment documentation to your current license.

If you have any questions, please contact Mr. Lawrence AuBuchon, Southeast Michigan District Supervisor, Waste and Hazardous Materials Division, at 586-753-3840.

Sincerely,

Steven R. Sliver Chief  
Storage Tank and Solid Waste Section  
Waste and Hazardous Materials Division  
517-373-1976

Enclosure

cc: Wayne County Department of Environment  
City of Detroit Clerk  
Ms. Kathleen Cavanaugh, Department of Attorney General  
Mr. Lawrence AuBuchon/Mr. Gregory Morrow, DEQ-Southeast Michigan  
Mr. Richard Brim, DEQ  
Facility File

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
Waste and Hazardous Materials Division**

**SOLID WASTE MANAGEMENT  
PART 115 of 1994 PA 451, AS AMENDED**

**SOLID WASTE DISPOSAL AREA OPERATING LICENSE AMENDMENT**

This license amendment modifies Solid Waste Disposal Area Operating License No. 9220 issued to EQ Detroit, Inc. on June 30, 2009. The operating license is amended as follows:

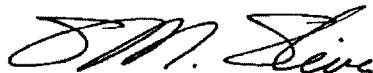
I. Item 10 on page 3 of this license is amended to read as follows:

"10. **SPECIAL CONDITIONS:**

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 and Groundwater Evaluation for the Frederick Street Facility, dated February 29, 1996, and the fact that all solid waste processing operations will be conducted in an enclosed building with a properly sloped/contained concrete floor. As provided for in Rule 299.4502, MDEQ may require groundwater monitoring in the future."

The licensee shall comply with all terms and conditions of Operating License No. 9220, including this amendment.

This license amendment is subject to revocation by the Director of the Michigan Department of Environmental Quality for any violations of the law under which it is issued, for any violation of the rules authorized thereunder, or any conditions noted. Failure to comply with the terms and provisions of this license amendment may result in legal action leading to civil and/or criminal penalties as stipulated in Part 115 of 1994 PA 451, as amended. This license shall be available through the licensee during the entire effective date and remains the property of the Director of the Michigan Department of Environmental Quality. This license is not transferable.



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Steven R. Sliver, Chief  
Storage Tank and Solid Waste Section  
Waste and Hazardous Materials Division

Date: November 25, 2009



JENNIFER M. GRANHOLM  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



STEVEN E. CHESTER  
DIRECTOR

June 30, 2009

Mr. Scott Binder, Director of Operations  
EQ Detroit, Inc.  
1923 Frederick Street  
Detroit, Michigan 48211

Dear Mr. Binder:

**SUBJECT: Application for Solid Waste Disposal Area Operating License; EQ Detroit, Inc.; Waste Data System Number 399367; License Number 9220**

Staff of the Department of Environmental Quality (DEQ) has reviewed your application for a solid waste processing plant, known as EQ Detroit, 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 operating license is hereby granted. Enclosed is your license with operating stipulations.

If you have any questions, please contact Mr. Lawrence AuBuchon, Southeast Michigan District Supervisor, Waste and Hazardous Materials Division, at 586-753-3840.

Sincerely,

Steven R. Sliver Chief  
Storage Tank and Solid Waste Section  
Waste and Hazardous Materials Division  
517-373-1976

Enclosure

cc: Wayne County Department of Environment  
City of Detroit Clerk  
Mr. Lawrence AuBuchon, DEQ – Southeast Michigan  
Mr. Gregory Morrow, DEQ – Southeast Michigan  
Facility File

**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:** EQ Detroit, Inc.

**LICENSEE/OPERATOR:** EQ Detroit, Inc.

**FACILITY OWNER:** EQ Detroit, Inc.

**PROPERTY OWNER:** EQ Detroit, Inc.

**FACILITY TYPE(S):** Solid Waste Processing Plant

**FACILITY ID NUMBER:** 399367

**COUNTY:** Wayne

**LICENSE NUMBER:** 9220

**ISSUE DATE:** June 30, 2009

**EXPIRATION DATE:** June 30, 2014

**FACILITY DESCRIPTION:** The EQ Detroit, Inc., facility, a Solid Waste Processing Plant, consists of 11.5 acres located at 1923 Frederick Street, city of Detroit, Wayne County, Michigan, as identified in Attachment A "Site Plan" and fully described in this license.

**AREA AUTHORIZED FOR DISPOSAL OF SOLID WASTE:** As identified in Attachment A and Items 5 and 6 of this license.

**RESPONSIBLE PARTY:** Mr. Scott Binder, Director of Operations  
EQ Detroit, Inc.  
1923 Frederick Street  
Detroit, Michigan 48211  
313-347-1300

**RENEWAL OPERATING LICENSE:** This License Number 9220 supersedes and replaces Solid Waste Disposal Area License Number 9004 issued to EQ Detroit, Inc., on March 12, 2004.

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, Storage Tank and Solid Waste Section  
Waste and Hazardous Materials Division

Licensee: EQ Detroit, Inc.  
Facility Name: EQ Detroit, Inc.  
Operating License Number: 9220  
Issue Date: June 30, 2009

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 "Site Plan") shows the Facility, the area permitted for construction and/or placement and acceptance of waste, monitoring points, leachate storage units, site roads, other disposal areas, and related appurtenances, as applicable.
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 March 10, 2009, 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 Waste and Hazardous Materials Division, 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 EQ Detroit, Inc., for the EQ Detroit, Inc., solid waste processing plant, dated March 6, 2009, with revisions dated April 5, 2009. 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 Michael A. Olson, P.E., of Abletech, Inc., dated November 27, 2007.
  - 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 \$30,000.00.

The Facility has provided financial assurance totaling \$30,000.00, 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  | \$30,000.00        |
| <b>Total Amount Received:</b> | <b>\$30,000.00</b> |

5. The following documents approved with Construction Permit Number(s) 0356 issued to the City Environmental, Inc., on January 16, 1998, are incorporated in this license by reference:
  - a. Application documents titled "City Environmental, Inc., Frederick Street Solid Waste Processing Facility Act 451, Part 115 Construction Permit Application" dated September 1997 and received by the MDEQ on September 23, 1997.
  - b. Engineering Plan Set (consisting of Sheets G-1 through G-7, A-1 through A-5, S-1 through S-19, and P-1 through P-6) titled "Detroit, Michigan City Environmental, Inc., Frederick Street Treatment Complex Chemical Fixation Facility," prepared by McNamee Industrial Services, Inc., dated August 1997 and received by the MDEQ on September 27, 1997.

Licensee: EQ Detroit, Inc.  
Facility Name: EQ Detroit, Inc.  
Operating License Number: 9220  
Issue Date: June 30, 2009

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:
  - a. "Solid Waste Processing Plant Operations Plan, US Liquids of Detroit, Inc., Detroit, Wayne County, Michigan," dated June 2002 and prepared by CTI and Associates, Inc., and approved with modifications on September 12, 2002, which supersedes and replaces in its entirety the August 1997 "Operating Procedures" located in Section F of the 1997 construction permit application documents referenced in Item 5 above.
  - b. CTI drawing Sheet 1, dated March 8, 2004, received by the MDEQ on March 10, 2004.
  - c. EQ Detroit, Inc., drawing number A-2 titled "Facility Drawing," dated March 28, 2008, which depicts the location of the North Container Storage Area.
  - d. EQ Detroit, Inc., drawing number C10 titled "Chem Fix & North Container Containment," dated June 4, 2008, which provides some specifications for the North Container Storage Area.
7. Consent Order: N/A.
8. The licensee shall conduct hydrogeological monitoring in accordance with the approved hydrogeological monitoring plan, dated N/A. The sampling analytical results shall be submitted to the MDEQ's Waste and Hazardous Materials Division, 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 Waste and Hazardous Materials Division, Southeast Michigan District Supervisor.
10. **SPECIAL CONDITIONS:**
  - a. The applicant shall immediately report any fire incidents at the Facility to the MDEQ.
  - 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 and Groundwater Evaluation for the Frederick Street Facility, dated February 29, 1996, 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 has an increased potential to cause groundwater contamination.
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

FARNSWORTH ST.

FREDERICK ST.

FERRY ST.

ST. AUBIN AVE.

SITE PLAN



**EO**  
DATE: 02-04-09  
DETROIT SITE  
DRAWN BY: LARRY SMITH  
C-2G  
REV.

