

SECTION L

FACILITY LOCATION

40 CFR 270.14(b)(11) and R 299.9504(1)(c)

Table of Contents

L-1.	Facility Information.....	1
L-1a	Facility Location.....	1
L-1b	Seismic Standards	1
L-1c	Floodplain Information	1

L-1. Facility Information

40 CFR 270.14(b) and R 299.9504(1)(c)

L-1a Facility Location

40 CFR 270.14(b)(11)(i)

EQ Detroit, Inc. (EQD) property is located at 1923 Frederick Street in the City of Detroit, Wayne County, Michigan. The subject site is located near the intersection of Michigan Interstates 75 and 94, and is bordered on the south by Farnsworth Street, to the east by St. Aubin Street, to the north by Ferry Street and to the west by the Grand Trunk and Western Railroad. Detroit Renewable Power's municipal waste incinerator is located on the northwest side about 1/2 mile from the facility. A vacant cold storage building is located north of the facility. On the east and south, the facility is surrounded by vacant residential lots and abandoned residential buildings. The location of EQD is shown on **Sheet A-0**.

The area immediately adjacent to the facility is primarily commercial and industrial. The facility is located in the City of Detroit which has a population of approximately 650,000 people. There are an estimated 500 people living within one mile of the site, and an estimated 1,000 live within 3 miles. The nearest residential homes are located 0.25 miles to the east.

No environmentally sensitive areas such as wetlands, streams or ponds are located on or around the subject property. No endangered flora or fauna have been identified on the site.

Access to the facility is made from Kirby Street through a guarded checkpoint, which is staffed 24 hours per day. Currently all vehicles and persons entering the site pass through security located in the Waste Acceptance Building.

L-1b Seismic Standards

40 CFR 270.14(b)(11)(ii)

The State of Michigan does not appear in Appendix VI of Part 264; therefore the facility is in compliance with seismic standards.

L-1c Floodplain Information

40 CFR 270.14(b)(11)(iii) and 40 CFR 270.14(b)(11)(iv)

Surface run-off from the site is generally collected through the Great Lakes Water Authority (GLWA) combination storm/sanitary sewer system. All treated wastewater from EQD are discharged into the GLWA sewerage system in accordance with the requirements established by the GLWA-Industrial Waste Permit No. 923-91964-IU. In areas that are unpaved, surface water may infiltrate the ground in limited quantities.

The major bodies of water in the Detroit area include Lake St. Clair, the Detroit River and the Rouge River. Run-off from EQD does not discharge into any of these waters.

The Detroit River water quality is of special importance because it is a connecting waterway for the Great Lakes and provides the largest inflow into Lake Erie. Lake St. Clair and the Detroit River are both classified by the MDEQ for usage as public water supplies, for cold-water fish and for total body-contact recreation. The Rouge River is designated for use as an industrial and agricultural water supply, for partial-body contact recreation, for warm-water fish and for navigation. The Detroit River receives many industrial and tributary inputs as well as municipal wastewater treatment plant effluents. Improvements in water quality of the Detroit River have been seen over the past 20 years, due largely to improvements in municipal wastewater treatment as well as municipal treatment of certain industrial wastes before discharge.

Based on the examination of the FEMA-NFIR Map for the City of Detroit, it is observed that the 100-year floodplain runs along the shore of the Detroit River, and is approximately 2.7 miles from EQD. The area immediately surrounding the facility, as well as most of the City of Detroit is located in Zone C, described as “areas of minimal flooding”. This data indicates that the facility is not in a 100-year flood plain and should not be affected by a 100-year flood.