

A.1 General Facility Description

MICHIGAN DISPOSAL WASTE TREATMENT PLANT (MDWTP)

MID 000 724 831

2016 PERMIT APPLICATION

GENERAL FACILITY DESCRIPTION
MICHIGAN DISPOSAL WASTE TREATMENT PLANT (MDWTP) (MID 000 724 831)

The Michigan Disposal Waste Treatment Plant (MDWTP) is co-located at the same site as the Wayne Disposal Site #2 Hazardous Waste Landfill (WDI) - MID 048 090 633). The MDWTP operations include receiving, storage, and treatment of hazardous wastes permitted by the MDEQ under the facility operating license (MID 000 724 831). The routine operations and work areas include:

Non-hazardous wastes are managed in accordance with the Solid Waste Processing and Transfer Facility Operating License issued under Part 115 of Act 451 of 1994, the Natural Resources and Environmental Protection Act (NREPA).

The MDWTP is a liquid and solid hazardous waste storage and treatment facility. Containerized wastes may be staged/stored on-site before and after treatment in one of the following areas:

- ◆ East Container Staging Area (ECSA)
- ◆ North Container Storage Area (NCSA)
- ◆ East and West Loading/Unloading Bays
- ◆ Southeast Container Storage Area (SECSA)

Hazardous and non-hazardous wastes are stored and treated in treatment tanks A, B, C, D, E, F, G and H. Liquid wastes may also be stored in five, vertical storage tanks (16-19 and 1B). Dry flowable bulk solid wastes may be stored in six, silos (1-6).

Wastes are placed into the treatment tanks and mixed with reagents as needed for the specific wastes being treated. Once applicable land disposal restrictions are met, treated waste is disposed of in an appropriate landfill.