

# City Of Zilwaukee

## Municipal-Owned Storm Systems

### Municipal Facility and Property Inventory and Assessment Procedure

**I. Procedure:**

This procedure is to identify and assess the potential of the site to discharge pollutants to surface waters of the state.

**II. History:**

The EGLE NPDES Phase II MS4 Discharge Permit Application requires a procedure for identifying applicant owned or operated facilities and stormwater structural controls with a discharge of stormwater to surface waters of the state. The inventory shall include the location of each facility and an estimate of the number of structural stormwater controls. This procedure also includes a process for:

- updating and revising this inventory in a reasonable time frame,
- assessing each facility for the potential to discharge pollutants to surface waters of the state, and the
- prioritization of each facility based on the potential to discharge pollutants to surface waters of the state.

**III. Municipal Inventory and Assessment:**

Identify all applicant owned or operated facilities with a discharge of stormwater to waters of the state. Coordinates of these operated facilities will be supplied along with an up-to-date map with the location of the facilities. This inventory will be updated annually as facilities and structural stormwater controls are added, removed, or no longer owned or operated by the applicant.

**Table 1. Revision Table - Start Date:**

Revision Date	Signature	Revision Date	Signature
03/15/2021	Erica Martell		

**Facility-Specific Stormwater Management**

For facilities that have a potential for the discharge of pollutants to surface waters of the state, each facility will be evaluated for the presence of the following factors and prioritized as either having a low, medium or high potential:

- Presence and/or amount of urban pollutants stored at the site (e.g. sediment, nutrients, metals, hydrocarbons, pesticides, fertilizers, herbicides, chlorides, trash, bacteria, or other site-specific pollutants).
- Identification of improperly stored materials.
- Potential for polluting activities to be conducted outside (e.g. vehicle washing).

- Proximity to waterbodies or waters of the state.
- Poor housekeeping practices.
- Discharge of pollutants of concern to impaired waters.

This inventory will be updated annually as facilities and structural stormwater controls are added, removed, or no longer owned or operated by the applicant. Furthermore, the Storm Sewer Map for the City of Zilwaukee will be updated prior to the submittal of a permit application for the reissuance of permit coverage.

For all new applicant-owned facilities or new structural stormwater controls in regards to water quantity, all designs and implementations will be in accordance with the post-construction stormwater runoff control standards and long-term operation and maintenance requirements.

**Table 2. Municipal Facility and Structural Control Inventory**

<b>Facility Name &amp; address<sup>1</sup></b>	<b>Estimated # of Stormwater Structural Controls<sup>2</sup></b>	<b>Priority Level of Potential Discharge<sup>3</sup> (High, Medium, Low)</b>	<b>Presence of Assessment Factors<sup>4</sup></b>	<b>BMPs Implemented to reduce pollutant runoff at Med. or Low priority facilities</b>
Zilwaukee Public Works Department 576 Jones St, Saginaw, MI 48604 43°28'45.15" N 83°55'15.62" W	3 catch basins 4 vegetated swales	High	1, 3	See SWPPP
Zilwaukee City Offices / Police Station 319 Tittabawassee Rd, Saginaw, MI 48604 43°29'00.00" N 83°55'27.00" W	6 catch basins	Medium	1, 3	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
Memorial Park 610 Jones St Saginaw, MI 48604 43°28'54.75" N 83°55'29.39" W	2 catch basins 2 vegetated swales	Low	1	Trash/Litter mgt., Vegetation mgt.
Zilwaukee Fire Department 416 W Cornell St Saginaw, MI 48604 43°28'39.08" N 83°55'18.58" W	1 catch basin	Low	1,3	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
Riverfront Park Johnson St Saginaw, MI 48604 43°28'43.19" N 83°54'53.33" W	2 catch basins	Low	4.	Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.
Pump Station 2 (Sanitary) Edison & Sherman Roads Intersection	1 catch basin	Low	0.	Catch basin cleaning, Trash/Litter mgt.,

Saginaw, MI 48604 43°29'15.30" N 83°55'38.50" W				Vegetation mgt.
Pump Station 3 (Sanitary) Jones & Westervelt Roads Intersection Saginaw, MI 48604 43°28'54.26" N 83°55'02.80" W	1 catch basin	Low	0.	Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.
City of Zilwaukee Roadway System	669 catch basins	Medium	1,3	Pavement mgt. Street Sweeping Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.

It should also be noted that the City of Zilwaukee owns and operates on its own roadway MS4.

<sup>1</sup> The Public Works Department on Table 2 serves the following purposes:

- Equipment Storage and Maintenance
- Material Storage
- Public Works Yard
- Salt Storage
- Vehicle Storage and Maintenance

City offices and Police Station

- Public parking
- Administrative offices

Fire station

- Equipment Storage and Maintenance
- Vehicle Storage and Maintenance

Parks

- Public Recreation
- Public parking

Pump stations

- Pump sanitary sewage

Roadway System

- Public Transportation
- Public Parking

<sup>2</sup> See the map attached to the City of Zilwaukee\_Catch Basin Prioritization document for demarcation of the priority levels of catch basin inspection and cleaning for the City owned

properties. This demarcation does not include the priority levels of catch basin inspection and cleaning for the City owned Streets.

<sup>3</sup> For facilities that have a high potential to discharge pollutants to surface waters of the state, a standard operating procedure (SOP) must be developed for that facility or be part of a set of municipal SOPs identifying controls put in place to reduce pollutant runoff. This SOP can be a Storm Water Pollution Prevention Plan (SWPPP) and/or a Pollution Incident Prevention Plan (PIPP) for salt and petroleum product storage sites on municipal property. Review the separate SOP/SWPPP review document for more details.

<sup>4</sup> For facilities that have a medium or low potential for the discharge of pollutants to surface waters of the state, each facility was evaluated for the presence of the following factors:

0. Absence of factors.
1. Presence of urban pollutants stored at the site (e.g. sediment, nutrients, metals, hydrocarbons, pesticides, fertilizers, herbicides, chlorides, trash, bacteria, or other site-specific pollutants).
2. Identification of improperly stored materials.
3. Potential for polluting activities to be conducted outside (e.g. vehicle washing).
4. Proximity to waters of the state.
5. Poor housekeeping practices.
6. Discharge of pollutants of concern to impaired waters.

This inventory will be updated annually as facilities and structural stormwater controls are added, removed, or no longer owned or operated by the applicant. Priority level assessments will be revised annually prior to discharging stormwater at a new facility, or when the storage of materials, equipment, or vehicles changes at a facility.

Best Management Practices (BMPs) were identified for each facility with low or medium potential to discharge pollutants to surface waters of the state. For all facilities with a low potential to discharge pollutants to surface waters of the state where no assessment factors are present, catch basin cleaning and street sweeping will be performed as indicated in the applicable procedures for these activities. For all facilities with a medium potential to discharge pollutants to surface waters of the state where no assessment factors are present, catch basin cleaning and street sweeping will be performed as indicated in the applicable procedures for these activities.