

# TITTABAWASSEE TOWNSHIP AND SCHOOL DISTRICT 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 MDEQ 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:

All applicant owned or operated facilities with a discharge of stormwater to waters of the state are included in the inventory and assessment. 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

### **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:

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1. 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).
2. Identification of improperly stored materials.
3. Potential for polluting activities to be conducted outside (e.g. vehicle washing).
4. Proximity to waterbodies or 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. Furthermore, the Storm Sewer Map for Tittabawassee Township 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**

Facility Name & address <sup>1</sup>	Estimated # of Stormwater Structural Controls <sup>2</sup>	Priority Level of Potential Discharge <sup>3</sup> (High, Medium, Low)	Presence of Assessment Factors <sup>4</sup>	BMPs Implemented to reduce pollutant runoff at Med. or Low priority facilities
Freeland High School / Middle School 8250 Webster Rd Freeland, MI 48623 43° 31'42.00" N 84° 06'30.00" W	36 catch basins 4 vegetated swales	High		See SWPPP
Freeland Learning Center 305 Third St Freeland, MI 48623 43° 31'19.00" N 84° 07'05.00" W	18 catch basins	Low	1.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
Township Office and Public Safety 145 South 2 <sup>nd</sup> St Freeland, MI 48623 43° 31'26.00" N 84° 07'08.50" W	10 catch basins	Low	1., 3.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
Festival Park West Freeland Rd Freeland, MI 48623	6 catch basins	Low	1., 4.	Catch basin cleaning, street sweeping.

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43° 31'33.00" N 84° 07'37.50" W				Trash/Litter mgt., Vegetation mgt.
Tittabawassee Township Park 9200 Midland Rd Freeland, MI 48623 43° 32'34.00" N 84° 08'32.00" W	2 drains 1 vegetated swale	Low	1., 4.	Street sweeping. Trash/Litter mgt., Vegetation mgt.
Village Park W Freeland Rd Freeland, MI 48623 43° 31'29.00" N 84° 07'14.50" W	2 drains	Low	0.	Catch basin cleaning, Trash/Litter mgt.

<sup>1</sup> The facilities on Table 2 have the following purposes:

Freeland High/Middle School – Public School  
Equipment Storage and Maintenance  
Landscape Maintenance  
Salt Storage

Freeland Learning Center – Public School  
Landscape Maintenance

Township Office & Public Safety – Administration  
(Police station and Fire Station) Equipment Storage and Maintenance  
Vehicle Storage and Maintenance  
Landscape Maintenance

Parks - Landscape Maintenance  
Equipment Storage and Maintenance

<sup>2</sup> See the map attached to the Structural Storm Water Control Operations and Maintenance Activities document for demarcation of the priority levels of catch basin cleaning.

<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.

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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 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, the appropriate BMPs were considered based on the assessment factor present to prevent or minimize the potential for pollutants from entering surface waters of the state.