

BUENA VISTA CHARTER TOWNSHIP 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,
- 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 municipal separated storm sewer system that discharge stormwater to waters of the state have been included in this inventory and assessment. Coordinates of these operated facilities are included 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:

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.

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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 Buena Vista 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 regard 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	Estimated # of Stormwater Structural Controls	Priority Level of Potential Discharge¹ (High, Medium, Low)	Presence of Assessment Factors²	BMPs Implemented to reduce pollutant runoff at Med. or Low priority facilities**
DPW 1805 S. Outer Drive Saginaw, MI 48601 43°24'36.17" N 83°53'48.56" W	1 catch basin	High	1.,3.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
Buena Vista Township Fire Department Saginaw, 48601 43°25'27.87" N 83°53'42.05" W	6 catch basins	Low	1.,3.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
Buena Vista Community Center 1940 S Outer Dr, Saginaw, MI 48601 43°24'29.95" N 83°53'42.02" W	17 catch basins	Low	1.,3.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
Buena Vista Wastewater Treatment Plant 2961 Hack Road Saginaw, MI 48601 43°28'01.35" N 83°53'42.33" W	2 catch basins	Medium	1.,3.,4.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.

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Buena Vista Township Offices	5 catch basins	Low	1.,3.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
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*****Please see the following Pollution Prevention and Good Housekeeping Program Best Management Practice Standard Operating Procedures in which are applicable to Buena Vista Charter Township:***

Building and Grounds Maintenance, Drainage System Maintenance, Housekeeping Practices, Landscape Maintenance, Outdoor Container Storage, Parking and Storage Area Maintenance, Safer Alternative Products, Salt Application and Storage, Spill Prevention-Control and Cleanup, Vehicle and Equipment Cleaning, Vehicle and Equipment Fueling, Vehicle and Equipment Repair, Water and Sewer Utility Maintenance.

¹ The facilities on Table 2 have the following purposes:

DPW-	Equipment Storage and Maintenance Landscape Maintenance Material Storage Salt Storage Vehicle Storage and Maintenance
Township Fire Department-	Equipment Storage and Maintenance Vehicle Storage and Maintenance
Community Center-	Vehicle parking Landscape Maintenance
Wastewater Treatment Plant-	Waste Water Treatment (Permit No. MI0022497) Equipment Storage and Maintenance Landscape Maintenance Has a No Exposure Certification

² For facilities that have a 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.

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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 medium facilities, 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.