

Saginaw 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 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.

*(See Q. 60, 62, 63, 64, 70) **

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. Include the estimated number of stormwater structural controls (e.g. detention basins, pump stations, catch basins / manhole structures, oil / water separators, rain gardens, underground detention, etc.) at each site, along with a priority level of potential discharge of pollutants to waters of the state. This inventory will be updated annually as facilities and structural stormwater controls are added, removed, or no longer owned or operated by the Township. This inventory and map will be updated by either the Township’s appointed Stormwater Program Manager and/or the Township’s designee. Any updates will be included in future progress reports submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE). *(See Q.60, 62, 64) **

**These numbers refer to the questions that will be in the NPDES Permit application and are in this document to help applicants with the process submittal.*

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 (*Q. 63*):

- 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.

Priority level assessments will be revised annually for a new facility, or when the storage of materials, equipment, or vehicles changes at a facility. This assessment will be updated by either the Township’s appointed Stormwater Program Manager and/or the Township’s designee. Any updates will be included in future progress reports submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

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 & Address¹	Estimated # of Stormwater Structural Controls²	Priority Level of Potential Discharge³ (High, Medium, Low)	Presence of Assessment Factors⁴	BMPs Implemented to reduce pollutant runoff at Med. or Low priority facilities** (<i>Q. 70</i>)
Township Complex: Administration Police Station Library DPS 4870 Shattuck Rd. Saginaw, MI 43°27'04.69" N 84°00'48.14" W	13 catch basins 1 swale	High	1.,3.	See SWPPP
Fire Station 1 6171 Shattuck Rd. Saginaw, MI 48603 43°27'02.74" N	6 catch basins 1 detention basin	Low	1.,3.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.

84°02'17.49" W				Detention basin mgt.
Fire Station 2 3211 McCarty Rd. Saginaw, MI 48603 43°27'53.71" N 83°58'47.11" W	7 catch basins 1 detention basin	Low	1.,3.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt. Detention basin mgt.
Clunie St Detention Basin N. end of Joseph St. Saginaw, MI 48603 43°24'26.96"N 84° 0'31.42"W	1 detention basin	Not Applicable	0.	Trash/Litter mgt., Vegetation mgt. Detention basin mgt.
George Olson Recreation Complex 3120 N Center Rd. Saginaw, MI 48603 43°27'12.16" N 84°00'47.11" W	41 catch basins	Low	1.	Catch basin cleaning, street sweeping. Trash/Litter mgt., Vegetation mgt.
Harvey Randall Wickes Park West 7431 McCarty Rd. Saginaw, MI 48603 43°27'45.59" N 84°03'31.73" W	10 catch basins	Low	1,3,4	Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.
Harvey Randall Wickes Park East 3599 Hospital Rd. Saginaw, MI 48603 43°27'36.14" N 84°03'13.56" W	2 catch basins	Low	1,3	Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.
Saginaw Township Playscape 1550 Lawndale Rd. Saginaw, MI 48638 43°25'48.92" N 84°02'00.90" W	7 catch basins	Low	1,3	Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.
West Michigan Park 5700 W. Michigan Rd. Saginaw, MI 48604 43°24'07.51" N 84°01'45.32" W	2 catch basins	Low	1,4	Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.
Leonard Boers III Riverfront 1928 S. Center Rd. Saginaw, MI 48638 43°23'41.73" N 84°00'59.68" W	3 catch basins	Low	1,4	Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.
Soccer Complex 3577 McCarty Rd. Saginaw, MI 48603 43°27'48.54" N 83°59'11.66" W	62 catch basins	Low	1	Catch basin cleaning, Trash/Litter mgt., Vegetation mgt.
Saginaw Township Recreation Office	16 catch basins 1 detention basin	Low	1	Catch basin cleaning, street sweeping.

3320 N. Center Rd. Saginaw, MI 48603 43.455991° -84.014080°				Trash/Litter mgt., Vegetation mgt. Detention basin mgt.
North Little League Park 2760 Center Rd. Saginaw, MI 48603 43°26'53.87" N 84°00'47.63" W	Combined sewer district	Not Applicable	0.	Trash/Litter mgt., Vegetation mgt.
Rudy Zauel Park South Little League 4540 Augustine St. Saginaw, MI 48638 43°24'20.00" N 84°00'20.00" W	Combined sewer district	Not Applicable	0.	Trash/Litter mgt., Vegetation mgt.
Can-Amera Park 4000 Weiss St. Saginaw, MI 48603 43°26'30.80" N 83°59'44.53" W	Combined sewer district	Not Applicable	0.	Trash/Litter mgt., Vegetation mgt.
Sandhill Park 1221 Vincent St. Saginaw, MI 48638 43°24'17.00" N 83°59'49.00" W	Combined sewer district	Not Applicable	0.	Trash/Litter mgt., Vegetation mgt.
Berberovich Park 5419 Lessandro St. Saginaw, MI 48603 43°26'33.00" N 84°01'21.00" W	0 SSCs	Not Applicable	0.	Trash/Litter mgt., Vegetation mgt.
Burkhaven Park 5200 Vanalleo Dr. Saginaw, MI 48638 43°25'50.00" N 84°01'13.50" W	0 SSCs	Not Applicable	0.	Trash/Litter mgt., Vegetation mgt.
Briarwood Park 4200 Clement Dr. Saginaw, MI 48638 43°27'25.50" N 83°59'58.00" W	0 SSCs	Not Applicable	0.	Trash/Litter mgt., Vegetation mgt.

*****Please see the following Pollution Prevention and Good Housekeeping Program Best Management Practice Standard Operating Procedures in which are applicable to Saginaw Charter Township:***

Building and Grounds Maintenance, Drainage System Maintenance, Fountain and Pool Maintenance, Housekeeping Practices, Landscape Maintenance, Non-Stormwater Discharges, Outdoor Container Storage, Outdoor Equipment Maintenance, Outdoor Loading and Unloading, Outdoor Storage of Raw Materials, Parking and Storage Area Maintenance, Plaza and Sidewalk Cleaning, Safer Alternative Products, Salt Application and Storage, Spill Prevention, Control, and Cleanup, Vehicle and Equipment Cleaning, Vehicle and Equipment Fueling, Vehicle and Equipment Repair, Waste Handling and Disposal (Solid Waste), Waste Handling and Disposal, Water & Sewer Utility Maintenance

¹ See the map attached for the location of Saginaw Charter Township's owned / operated facilities.

² See the map attached to the Structural Storm Water Control Operation and Maintenance Activities document for demarcation of the priority levels of catch basin cleaning.

³ 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.

⁴ 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 (*Q. 63*):

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.

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 LOW facilities 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. (*Q. 70*)

ATTACHMENT