

2021 Annual Stormwater Meeting Municipal Separate Storm Sewer System (MS4) Permit

August 16, 2021



Purpose of Annual Meeting

- Inform the Public
 - Impacts stormwater discharges have on local water resources.
 - Actions that can be taken to reduce the potential discharge of pollutants.
- Receive Input from the Public
 - Provide input on the adequacy of the City's Stormwater Pollution Prevention Program (SWPPP).
- Provide a Status Update
 - Review City's compliance with the MS4 Permit conditions and City's Stormwater Pollution Prevention Program implementation.
 - What did the City do in 2020, plans for 2021, and the future?

What is an MS4?

A **Municipal Separate Storm Sewer System (MS4)** is a conveyance or system of conveyances designed and used for **collecting stormwater**, which includes roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, and storm drains that is **owned or operated by a government unit** having jurisdiction under section 208 of the Clean Water Act that discharges to waters of the United States.

What is an MS4?

- The MPCA designated, under Minn. R. Chapter 7090, that all Cities in urbanized areas must obtain an NPDES storm water permit.
- City of Carver meets the requirements of a Mandatory MS4 as a community in an 'urbanized area'.
- The City was authorized as an MS4 in 2006.
- Currently implementing the BMPs outlined in this permit.

What is a SWPPP?

- SWPPP = Stormwater Pollution Prevention Program
- Requirement of the overall MS4 Permit.
- Describes City of Carver's program for reducing/eliminating pollution to local waterways.
- The SWPPP includes:
 - Regulatory mechanisms
 - Educational programs
 - Inspections
 - Maintenance
 - Documentation



Commitments to the MPCA

- *Execute the SWPPP's Requirements Defined in Six Minimum Control Measures*
 1. Public Education and Outreach
 2. Public Participation/Involvement
 3. Illicit Discharge Detection and Elimination
 4. Construction Site Stormwater Runoff Control
 5. Post-Construction Stormwater Management
 6. Pollution Prevention/Good Housekeeping for Municipal Operations

Program Highlights in 2020

- Completed inspection on 20% of City's stormwater ponds and outfalls.
- Completed inspection on all structural stormwater BMPs.
- Inspected four residential developments and three commercial developments.

Plans for 2021

- Submitted 2020 Annual Report to MPCA by June 30th.
- Begin communication and process of trees/brush maintenance adjacent to ponds and storm structures to allow for easy access and inspection.
- Continue inspection of City's stormwater infrastructure.
- Continue to improve and refine documentation methods.
- Obtain MS4 General Permit Reissuance (application has been submitted).
- Update SWPPP per new MS4 permit requirements once finalized in Fall 2020.

New MS4 Permit Requirements

- Additional requirements for new and fully reconstructed impervious surface when the sum equals one acre or more.
- Focused education distribution to include at least two selected stormwater issues; illicit discharge recognition, deicing salt, and pet waste each calendar year.
- Develop and maintain an inventory of private facilities to target for appropriate deicing salt use education and illicit discharge inspection.
- Develop a regulatory mechanism to require proper salt storage at private facilities.
- Develop a regulatory mechanism to require owners of pets to properly dispose of pet feces on public and private property.
- Increased documentation.

Future Program Needs

- Expected reissuance of MS4 Permit in September/October 2021
- Update SWPPP in 2021 / 2022 upon issuance of new permit.
- Implement pond assessment plan.
- Continue to improve efficiencies of inspection, documentation, and reporting.