

2021 MS4 Permit Annual Public Meeting



City of Spring Lake Park  
July 6, 2021




1

What is an MS4?



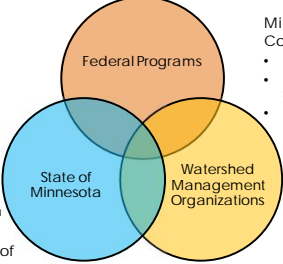
**Municipal Separate Storm Sewer Systems (MS4)**

- Owned by a State, City, Village, or Other Public Entity that Discharges to Waters of the U.S.
- Designed or used to Collect or Convey Stormwater
- Not a combined sewer
- Not part of a Publicly Owned Treatment Works (sewage treatment plant)



2

Who is Involved with Stormwater Management Regulation in Spring Lake Park?



**Federal Programs**


- Minnesota Pollution Control Agency
  - NPDES MS4 Permit
  - NPDES Construction Stormwater Permit
  - NPDES Industrial Permit

**State of Minnesota**

- Metropolitan Council
- Department of Natural Resources
- State Board of Water and Soil Resources (BWSR)

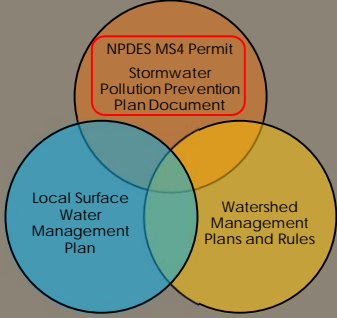
**Watershed Management Organizations**

- Coon Creek Watershed District
- Rice Creek Watershed District



3


Stormwater Regulatory Documents that Impact Municipal Operations



**NPDES MS4 Permit Stormwater Pollution Prevention Plan Document**

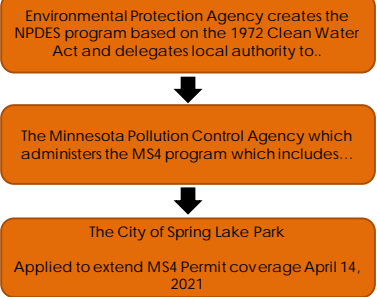
**Local Surface Water Management Plan**

**Watershed Management Plans and Rules**



4

The Origins of the MS4 Permit



Environmental Protection Agency creates the NPDES program based on the 1972 Clean Water Act and delegates local authority to...

↓

The Minnesota Pollution Control Agency which administers the MS4 program which includes...

↓

The City of Spring Lake Park  
Applied to extend MS4 Permit coverage April 14, 2021

5

Basic Components of the MS4 Permit

**6 Minimum Control Measures**

- Public Education and Outreach
- Public Participation and Involvement
- Illicit Discharge Detection and Elimination
- Construction Site Storm Water Runoff Control
- Post-Construction Storm Water Management
- Pollution Prevention and Good Housekeeping for Municipal Operations



6

### Examples of Pollutant Sources

**Organic Waste**

**Illicit Discharges**

**Construction Runoff**

**Chemical Application**

Nutrients or Pesticides

7

### How Spring Lake Park Currently Complies with the MS4 Permit.

Storm Water Pollution Prevention Plan Document

- Partnerships with Watersheds
- City Ordinance and LWMP Requirements
- Implement Enforcement Response Procedures
- Storm Sewer System Map
- Stormwater Related Brochures and Articles
- MS4 Permit Annual Public Meeting
- Inspections (Illicit discharge, Construction, and MS4 System)
- Provide a Plan Review Checklist
- Street Sweeping
- Staff Training
- Facilities Inventory Assessment
- Pond Assessment
- MS4 Annual Reports

8

### Permit Updates

- New General Permit was issued November 16, 2020
- City submitted application April 14, 2021
- City submitted updated application May 26, 2021
- *Currently waiting for MPCA to determine if application is complete*
- 30-day public notice period
- Permit coverage extended
- City will have 12 months to incorporate new requirements

9

### Permit Updates

- Additional public education and outreach for illicit discharge detection and elimination (IDDE), deicing salt use
- Regulatory mechanism for pet waste, proper salt storage
- City staff training and training documentation requirements for IDDE, construction stormwater management, post-construction stormwater management, and winter road maintenance
- Total Maximum Daily Load (TMDL) requirements

10

### Questions?

**PLEASE DON'T POLLUTE**

**DRAINS TO MISSISSIPPI RIVER**

11