

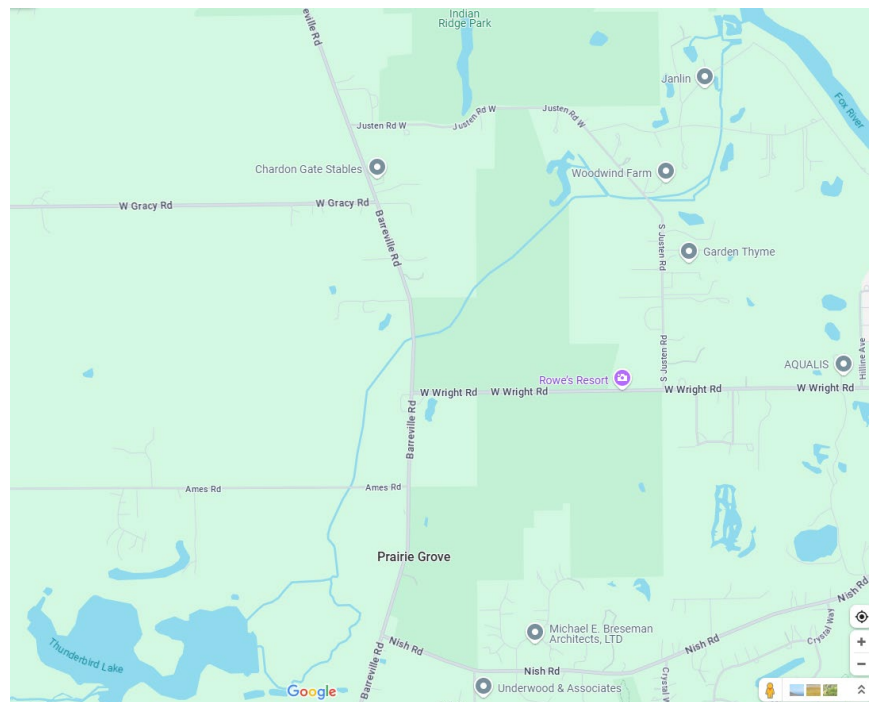


ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
NPDES PERMIT FOR STORMWATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

VILLAGE OF PRAIRIE GROVE, ILLINOIS MS4 STORMWATER MANAGEMENT PROGRAM PLAN

The Village of Prairie Grove holds a General National Pollutant Discharge Elimination System (NPDES) Permit for stormwater discharges from its Municipal Separate Storm Sewer System (MS4 Permit). To protect local water quality, the MS4 Permit requires that the Village develop, implement, and enforce a stormwater management program designed to reduce the discharge of pollutants from its stormwater system to the maximum extent practicable.

Stormwater runoff from the Village flows into local creeks and marsh areas. Thunderbird Creek and Sleepy Hollow Creek are tributary to the Fox River. Reach DT-22 of the Fox River is listed on Illinois EPA's 303d List of impaired waterways, waterways that are not meeting all surface water quality standards. Local impairment causes include sediment / siltation and elevated bacteria levels from urban stormwater runoff and other sources. This Stormwater Management Program Plan (SMPP), along with the Notice of Intent to comply with the MS4 Permit and the annual MS4 program report, is designed to provide Illinois EPA and Village residents with a better understanding of the control measures managed and implemented to meet permit requirements and water quality goals.



Program Administration

Village ordinances have been developed to provide the authority to implement MS4 Permit requirements. Village residents can provide input on this Plan and the overall MS4 program at Village Board meetings, as well as directly to the Public Works Department. An overview of the MS4 program is provided annually. The Village's Public Works Department is the lead for MS4 program implementation. The Village evaluates the effectiveness of program implementation activities annually and provides an annual MS4 program report (Annual Facility Inspection Report) by June 1 of each year. Annual reports are kept on the Stormwater Management page of the Village's website for a period of 5 years. The MS4 Permit requires implementation of control measures and best management practices (BMP) in six programmatic areas:

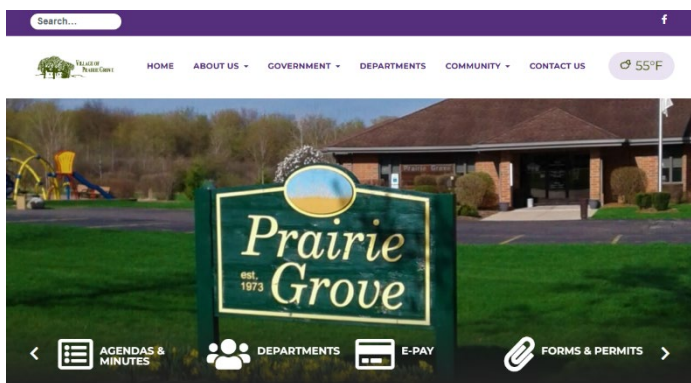
1. Public Education and Outreach
2. Public Participation/Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Runoff Control
6. Pollution Prevention/Good Housekeeping

The management practices and activities performed by the Village within each of the program areas are described below.

Public Education and Outreach

The Village provides water quality and pollution prevention information to residents via various media on topics which may include proper waste management, recycling, township programs, proper use and management of household chemicals, fluids for vehicle and other equipment; soaps, solvents, and detergents for outdoor washing, paint, chemicals for lawn and garden care, winter de-icing materials, and other pollution prevention topics. Information may also contain the hazards associated with illegal discharges and improper disposal of waste, along with a telephone number for reporting potential incidents, the benefits of green infrastructure, and the impact of climate change.

- The Village provides water quality and pollution prevention information at the Village Hall take away counter and annual National Night Out.
- The Village provides the MS4 Notice of Intent (NOI), Stormwater Management Program Plan, and program annual reports on the Village's website.



Welcome To the Village Of Prairie Grove

Public Involvement/Participation

- Resident Reporting – Residents can report instances of pollution or suspected pollution by contacting the Village at (815) 455-1411.
- The Village presents the MS4 program at one board meeting annually for resident questions and information.
- Stormwater management is occasionally a topic at Village Board meetings, and stormwater quality management is periodically discussed.

Illicit Discharge Detection and Elimination

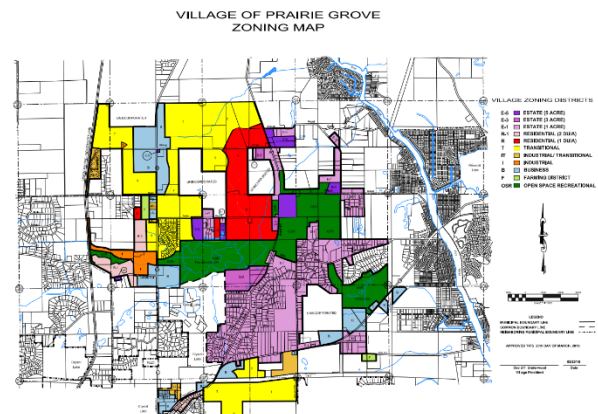
- Village Code – Village Code regulates the discharge of pollutants into the drainage system, prohibits illegal connections to the storm sewer system, and establishes the legal authority to ensure compliance.
- Routine Inspection – The Village inspects its drainage system for evidence of illicit discharges during the course of routine system maintenance, during both dry weather and wet weather.
- Storm Sewer System Maps – The Village has a map showing the location of storm sewers and retains a set of as-built engineering plans for each new development approved by the Village.

Construction Site Stormwater Runoff Control

- McHenry County Stormwater Management Ordinance – The Village adopted the County's Stormwater Management Ordinance and is certified to enforce the Ordinance within Village limits. The Village requires erosion and sediment control measures along with the control of construction material debris. Proposed erosion and sediment control measures are reviewed prior to construction and inspected during construction.
- Construction sites are inspected by the Village. On site BMP implementation issues are addressed through re-inspection.

Post-Construction Stormwater Management for New Development and Re-Development

- McHenry County Stormwater Management Ordinance – The Village adopted the County's Stormwater Management Ordinance and is certified to enforce the Ordinance within Village limits. The Village requires long-term operation and maintenance of stormwater facilities in accordance with the Ordinance. The design of stormwater facilities are reviewed prior to construction and inspected during and after construction.



Pollution Prevention/Good Housekeeping

- Employee Training – Public Works Department staff receives periodic training in stormwater pollution prevention practices for municipal operations, as well as less formal on-the-job training.
- Good housekeeping measures are implemented at Village facilities.
- Street sweeping and stormwater catch basin cleaning is performed each year to prevent pollutants from entering the storm drain system.
- Above ground fuel tanks are double-walled for containment and a spill kit is maintained in the fueling area.
- Road salt is stored in a covered storage structure. Other bulk materials stored outdoors are contained or located away from storm drain inlets.
- Equipment maintenance and cleaning is performed indoors.



Water Quality Monitoring

The Village performs visual wet weather monitoring at outfalls from the stormwater drainage system. Water quality issues observed during monitoring are investigated by Public Works staff.



Contacts and Additional Information

To report water quality issues within the Village, or for questions or additional information on this Plan or implementation of the MS4 Program, contact the Public Works Department at (815) 455-1411.

Additional MS4 Permit program information can be found at Illinois EPA's MS4 webpage:

[General Storm Water Permit for Small Municipal Separate Storm Sewer Systems \(MS4\)](#)