



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

VILLAGE OF STREAMWOOD, ILLINOIS STORMWATER MANAGEMENT PROGRAM PLAN

The Village of Streamwood holds a General National Pollutant Discharge Elimination System (NPDES) Permit for stormwater discharges from its municipal separate storm sewer system (MS4 Permit). 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 to protect water quality.

Stormwater runoff from the Village flows into several local streams:

- South Branch Poplar Creek, tributary to Poplar Creek and the Fox River
- Brewster Creek Tributary, tributary to Brewster Creek and the Fox River
- West Branch DuPage River

Portions of these waterbodies are listed on Illinois EPA's impaired waters list, for pollutants and other water quality issues that may be affected by municipal stormwater runoff.

This Stormwater Management Plan (Plan), along with the annual program report and Notice of Intent to comply with the MS4 Permit, 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. These documents are available on the Village's Public Works, Water Quality and Conservation website:

<https://www.streamwood.org/Services/Public-Works/Water-Quality-and-Conservation.aspx>

Program Administration

Village ordinances have been developed to provide the authority to implement MS4 Permit

requirements. The Public Works Department is the lead for MS4 program implementation. Public Works Department staff work with Community Development Department and other Village staff to implement the Plan. Village residents can provide input on this Plan and the overall MS4 program to the Public Works Department.

The Village evaluates the effectiveness of program implementation activities annually and provides an annual report (Annual Facility Inspection Report) by June 1 of each year. Annual reports are kept on 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.

1. Public Education and Outreach

The Village provides stormwater quality information and outreach to residents in several ways.

- The Village participates in Cook County and Metropolitan Water Reclamation District (MWRD) efforts to provide water quality education and information. This includes written materials such as brochures, as well as links to materials on the Village and MWRD website.
- The Village is a member of the DuPage River Salt Creek Workgroup, which provides local watershed area information on its website.
- The annual Streamwood Environmental Education Day (SEED) includes water quality education items.
- Education information is distributed at Arbor Day and other community events that includes topics on protecting stormwater quality.
- Village newsletters periodically include information regarding material recycling, prescription drug drop-off programs, storm and flood safety information, inlet maintenance information, water quality/illegal dumping information and parkway tree information.

2. Public Participation/Involvement

The Village offers opportunities for public participation and involvement within its MS4 program.

- The Village provides a contact number that residents can use to report stormwater related issues, including ordinance violations, construction site soil erosion and

sediment control issues, maintenance issues, and illicit discharges. Residents can call the Public Works Department at 630-736-3850 with any water quality concerns, suspected pollutant discharge, or general questions. Dial 911 after normal business hours for emergencies or suspected pollutant discharges.

- The Village participates in the DuPage River Salt Creek Workgroup for regional water quality coordination, and for regional water quality monitoring information.
- Local recycling and special waste disposals are publicized in the newsletter and on the Village's website.
- This Plan is posted to the Village's webpage, along with the MS4 Permit Notice of Intent (NOI) and annual reports for resident review and comment. Village residents can provide input on this Plan and the overall MS4 program directly to the Public Works Department.
- At least one public meeting per year covers the MS4 Program for public comments or questions.

3. Illicit Discharge Detection and Elimination

The Village has developed a program to detect and eliminate illicit discharges into storm drains and local waterways.

- The Village has adopted and enforces its local ordinances, which provide the regulatory authority to detect, investigate and eliminate potential illicit discharges. The Village reviews the ordinances and updates its program as necessary.
- Storm sewer system mapping is updated as changes in the system occur.
- The Village identifies illicit discharges through dry weather screening, regular storm sewer maintenance, and public reporting. Spills are responded to by Public Works, with support by local fire department staff if needed, and emergency notification to Illinois EPA and local authorities based on the situation.

4. Construction Site Runoff Control

The Village enforces the Cook County Stormwater Ordinance for soil and erosion control in all private and public developments. The Village requires 100% of new significant development to submit and follow erosion control plans. Developers must implement stormwater best management practices (BMPs) and submit weekly construction sediment control reports. Developers must implement BMP's during active construction site activities and post construction. All site plan reviews are currently being performed by Village staff, supplemented by private wetland/stormwater consultants when necessary.

Construction site soil and erosion control inspections are performed. Stormwater and erosion control related complaints are directed to the Village Engineer or the Building Director for investigation and resolution.

5. Post-Construction Runoff Control

The Village has adopted the Cook County Stormwater Ordinance for post construction stormwater runoff control, including post construction BMP implementation and maintenance. Post construction BMP's are required for all developments that include greater than 1.0 acres

of development.

BMPs are placed within a stormwater or drainage easement and maintained as required by the MWRD Stormwater Ordinance. The BMPs are treated as improvements and are inspected during and after construction. Stormwater BMPs are regularly required in commercial areas to improve the quality of stormwater discharges to basins and creeks.

The Village regularly inspects detention and wetland basins, as well as other stormwater facilities. Complaints regarding public or private BMP's are addressed by Public Works staff or the Village Engineering Department.

6. Pollution Prevention/Good Housekeeping

The Village implements an operation and maintenance program designed to prevent or reduce the discharge of pollutants from the storm sewer system. The Public Works Department conducts regular employee training for municipal operations and safety. Annual training is provided to educate staff on pollution prevention and reduction of stormwater pollution from municipal activities. Staff also receive training through local watershed group activities and professional associations.

The Village implements a storm sewer system inspection and maintenance program which includes regular cleaning and maintenance of storm sewer structures. The Village has operational policies designed to prevent stormwater pollution associated with municipal operations.

- Good housekeeping practices, including proper waste handling and recycling BMPs, are implemented at Village facilities
- Road salt is stored on a paved surface and within a permanent structure to protect it from precipitation. The Village's roadway deicing operators receive specific training on BMPs for deicer use and protection of local waterways.
- The Village stores fuels and oils for its vehicles in appropriate tanks with spill containment measures.
- Used vehicle oil is stored in a holding tank and periodically hauled away by a recycle/disposal service.
- Storage bins have been constructed to reduce the runoff or material from facility material storage areas.
- Maintenance and washing of the Village vehicles is performed in a maintenance garage, which drains to the sanitary sewer system.
- Wastes and recyclables are stored in designated containers and areas for proper handling and disposal.
- Street sweeping is performed to remove accumulated sediment and pollutants from street and parking areas.
- Fertilizer and pesticide application BMPs are used to apply chemical at the appropriate time and rate.

Contacts and Additional Information

To report water quality issues within the Village, contact the Public Works Department at 630-736-3850. Dial 911 after normal business hours for emergencies or suspected pollutant discharges.

For questions or additional information on this Plan or implementation of the MS4 program, contact the Public Works Department at 630-736-3850.

Information Links

Village water quality website: <https://www.streamwood.org/Services/Public-Works/Water-Quality-and-Conservation.aspx>

Metropolitan Water Reclamation District of Greater Chicago (MWRD) Stormwater website: <https://mwrdr.org/stormwater-management>

DuPage River Salt Creek Workgroup Website: <https://drscw.org/>

Additional MS4 Permit program information can be found at Illinois EPA's MS4 webpage: <https://www2.illinois.gov/epa/topics/forms/water-permits/storm-water/Pages/ms4.aspx>

Useful Tips & Links at:
<https://mwrdr.org/residents-and-businesses>