

## WHAT ARE THE BENEFITS?

---

The Stormwater Flood Control Program can assist residents with the costs and installation of the following items:

- ◆ **100% of the cost of a stormwater/surface water survey and site inspection** by SFCP Staff.
- ◆ **100% of the materials and installation** of backwater valve, sump pump, clean-out and house trap removal.
- ◆ **Up to \$150 toward the cost of inspecting private sewer laterals** (televising/cleaning). The homeowner is responsible for any cost exceeding \$150.00.
- ◆ **Up to 50% of the cost of correcting illicit grey water connections** to the clear water catch basin (up to maximum of \$1000.00).

*Low-income homeowners may qualify for additional financial support.*

## HOW CAN I APPLY?

---

Applications are available online at:

[www.ci.superior.wi.us/SFCP](http://www.ci.superior.wi.us/SFCP)

Or contact Amy Homstad at:

Phone: 715-395-5831

E-mail: [homstada@ci.superior.wi.us](mailto:homstada@ci.superior.wi.us)

Learn more and apply at:

[www.ci.superior.wi.us/SFCP](http://www.ci.superior.wi.us/SFCP)



CITY OF SUPERIOR

ENVIRONMENTAL SERVICES DIVISION OF PUBLIC WORKS

51 East 1st Street  
Superior, WI 54880  
Phone: 715-394-0392

[www.ci.superior.wi.us/esd](http://www.ci.superior.wi.us/esd)

# STORMWATER FLOOD CONTROL PROGRAM

sponsored by

ENVIRONMENTAL SERVICES DIVISION OF  
PUBLIC WORKS



Image credit: Soumyadeep Paul

How much time and money have  
you spent cleaning your basement?

## WHAT IS THE PROGRAM?

The Stormwater Flood Control Program is a long-term planning approach to manage stormwater runoff.

The Program's main goals are to protect public health and safety, preserve the environment, and limit property damage.

*Since 2003, the Stormwater Flood Control Program has helped minimize the incidences of basement flooding for over 200 Superior homeowners.*

## DO I QUALIFY?

The program is available to:

- ◆ Single-family, residential homes within the limits of the City of Superior.
- ◆ Homeowners that have experienced basement flooding.

Homeowners must have a building sewer inspection performed. During the inspection, the building sewer must be found to be in acceptable condition to qualify for the installation of the sump pump and backwater valve.

## WHAT CAUSES MY BASEMENT TO FLOOD?

**Inflow and infiltration** occurs when stormwater enters the sanitary sewer system.

When too much inflow and infiltration occurs, sanitary sewage can backup into homes, as well as overflow into the surrounding environment.

This program is designed to reduce the frequency and volume of sanitary backups and overflows, as well as the costs associated with them.

**Inflow** is when stormwater enters the sanitary sewer system through direct, and often illegal, connections.

**Infiltration** is when stormwater or groundwater enters through damaged or deteriorated sections of the sanitary sewer system.

The City of Superior manages over 150 miles of sanitary sewer and over 90 miles of storm sewer, and is dedicated to managing inflow and infiltration and minimizing number of basement backups.

## HOW CAN I REDUCE MY RISK OF BASEMENT FLOODING?

Here are some things you can do to help reduce inflow and infiltration in the sewer system, all of which helps to reduce the risk of basement backups and overflows, the need to build larger pipes and pumps, and the cost to convey and treat groundwater mixed with wastewater.

- ◆ Do you have a house built before the 1970's? If so, you may have active foundation drains that are connected to the sanitary sewer. Inspect your roof gutters and downspouts to see if they are connected to the sewer system. If so, have them disconnected. Downspouts may be directed onto lawns or garden beds and should be extended at least 10 feet from the foundation of the home.
- ◆ If your home has a sump pump, make sure it is not connected to the sanitary sewer system. If it is, it must be disconnected. Like downspouts, sump pump discharges can be directed onto lawns or flower beds, and should be at least 10 feet from the foundation of the building.
- ◆ Keep your building sewer in good connection with a clean line and do not plant bushes or trees on top of it.
- ◆ Ensure the grade around your house properly slopes away from the foundation. In addition, any basement windows below grade should either be removed or raised to prevent water from entering during heavy rain events. Alternatively, water-tight or glass-block windows can be installed.
- ◆ Install a cleanout in case you or your plumber need quick access to clear a blockage or stop a back-up. Remember to always keep a cap on the cleanout to prevent stormwater and debris from getting into the line.