

## Project Background

Shipbuilders Creek is an eight square mile watershed east of Rochester, NY, originating in the Town of Penfield, flowing north through the Town of Webster, and discharging to Lake Ontario.

Over the years, the original land use of the watershed has gone from primarily agricultural to a mix of residential and commercial use, including relatively heavy commercialized areas along Empire Boulevard and Ridge Road.

Unfortunately, as the community developed, the value of the Creek as a resource was not always recognized. Sections have been piped, and water quality declined because of pollution from storm runoff.

This project, funded by the New York State Sea Grant, was inspired by the Buckland Creek Restoration project in Brighton, and represents a collaboration of several community partners.



## Project Team:



## Other Project Partners:

- Town of Penfield
- Rochester Museum & Science Center

## Project Contact Information:

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# Shipbuilders Creek Restoration Project



## Shipbuilders Creek Watershed

Be an H2O Hero in your yard and protect Shipbuilders Creek!



## HOW YOU CAN PARTICIPATE

You can help restore Shipbuilders Creek by making your home part of the solution to storm water pollution. Storm water runoff from roofs and driveways transports pollutants, including, fertilizers, herbicides, grass clippings, sediment, automotive fluids and bacteria to the Creek.

Downspout disconnections, rain barrels, rain gardens, and streamside plantings are easy ways you can capture and reuse rainwater, or soak it into the ground, so that it does not become storm water runoff.

**With benefit of grant support the project team can provide you with assistance and supplies to apply any of these practices around your home.**

For more information visit the Town of Webster Website/ Highway Dept. page, and click on “Shipbuilders Creek Restoration Project.”



## GREEN INFRASTRUCTURE

### DOWNSPOUT DISCONNECT:

In some neighborhoods, roof downspouts are directly connected to the storm sewer system. As such, connections contribute to flooding downstream and impact water quality. Downspout disconnection allow storm water to infiltrate into the ground or be directed to a rain barrel or rain garden.

### RAIN BARRELS:

A rain barrel is used to collect and store the rainwater from your roof so that it can be used later to water your landscaping or other uses.



A rain barrel installation

### RAIN GARDENS:

A rain garden is a planted, shallow depression that is designed to receive runoff from your roof or driveway and allow it to soak into the ground. Rain gardens are not ponds and are generally dry. Planted with native vegetation, a rain garden can be an attractive feature in your home landscape.

## GREEN INFRASTRUCTURE

### STREAMSIDE PLANTINGS:



If you are fortunate enough to have Shipbuilders Creek flowing through your property, you have the opportunity to protect water quality by planting native vegetation along the bank. Trees and shrubs reduce streambank erosion and shade the creek, helping to maintain proper temperatures for aquatic life.

A rain garden installation

