

Norton Street Innovation

Augusta Drain Stormwater Improvement Project

Site Background

- 5 acres of open area along Norton Street from North Johnson Street to Sanderson Avenue
- Owned by the Augusta Drain Drainage District
- Maintained by Oakland County WRC

Project Goals

- Improve water quality by filtering stormwater runoff through bioretention cells
- Reduce pollutants from entering the Clinton River
- Utilize native trees and plants to beautify the area and aid in stormwater management
- Create a gathering space for the local community to enjoy

Estimated Project Costs

- \$1.3 million
- Grant administered through EGLE's CWSRF and the American Rescue Plan

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To learn more, scan the QR code with your smartphone camera



Overview of Project

Our office submitted a project plan to the Michigan Department of Environment, Great Lakes, and Energy's (EGLE) Clean Water State Revolving Fund (CWSRF) program to help improve water quality in the Augusta Drain through a stormwater improvement project. The CWSRF program is designed to provide financial assistance for the construction of water pollution control projects that aid in stormwater treatment through the reduction of nonpoint source pollution. We were granted \$1.3 million for this project which will construct bioretention cells to capture and filter stormwater runoff collected from the road prior to entering the Augusta Drain. We hope to create a community space for all to gather and enjoy.

Timeline of Events



Pictured above: Rain garden and bioretention cell example.

Frequently Asked Questions

Q: What is nonpoint source pollution?

A: The largest remaining source of pollution to our rivers, lakes and streams is nonpoint source pollution. Nonpoint source pollution comes from many different sources. It is caused by rainfall or snowmelt picking up pollutants from our yards, driveways and sidewalks and depositing them into lakes, rivers and streams. Visit oakgov.com/riparian to learn more about how you can help prevent water pollution.

Q: What is a bioretention cell?

A: A bioretention cell is an excavated area that is filled with a specialized soil media and plants, or grass/sod. It is designed to temporarily hold and filter stormwater.