

GREENHILLS RAINWATER HARVESTING PROJECT

FAST FACTS

Location: Near 45 Enfield St., Greenhills, OH 45218

Project Implementers: Mill Creek Watershed Council of Communities, Village of Greenhills

Project Cost: \$78,000

Amenities: bioretention basin with cistern and two rain barrels for rainwater harvesting; stabilized streambank with erosion control fabric, live stakes, and seed to establish a riparian buffer

Completed: Winter 2015

PROJECT FEATURES

Bioretention basin

Stormwater storage cistern

Market stand rain barrels

Stream bank stabilization

Native riparian plantings

CONTACT US

1223 Jefferson Avenue
Cincinnati, OH 45215
Phone: (513) 563-8800

info@millcreekwatershed.org
millcreekwatershed.org



The stormwater bioretention basin constructed as a part of the Greenhills Shopping Center Drainage and Rainwater harvesting Project

The Greenhills Shopping Center produces a significant amount of stormwater runoff from roofs, streets and parking lots. By using a bioretention basin with a storage cistern and rain barrels, stormwater becomes a sustainable water resource. Additional work was completed at the site to stabilize the banks of a nearby stream.

What is the Greenhills Shopping Center Drainage and Rainwater Harvesting Project?

This stormwater and stream stabilization project is in the West Fork Mill Creek watershed. The bioretention basin, planted by volunteers from Winton Woods High School, filters stormwater from Enfield Street and allows some stormwater to infiltrate into surrounding soil. Stormwater that does not infiltrate is stored in a cistern for use by the Village. Additional rainwater catchment is provided by rain barrels installed at the market stand. The project also stabilized a portion of the stream in the Greenhills Golf Course. Removal of honeysuckle and installation of live stakes will establish a riparian buffer, preventing erosion.



PROJECT GOALS

- Improved water quality
- Improved riparian buffer
- Invasive species removal
- Sustainable water re-use
- Highly visible natural stormwater solutions
- Decreased peak stormwater flows



Before



After



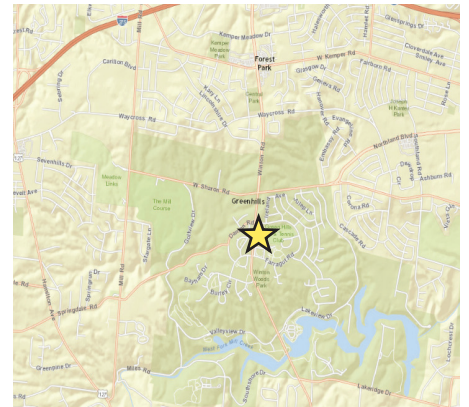
Project Partners



Project Funders



LOCATION



45 Enfield Street, Greenhills, Ohio 45218

Located at the Greenhills Shopping Center and Golf Course