



Nine Mile Creek Discovery Point
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Cost Share Grant Project Overview

PROJECT PROFILE

Raingardens

Bloomington, MN

2013

\$3,000 Grant Funding

\$4,000 Total Project Costs

SUMMARY

This cost share project installed two raingardens. The project sought to improve water quality by reducing stormwater runoff from the property's roof, driveway and neighbors' property. Raingardens capture runoff and allow it to naturally soak into the ground. Using Minnesota native plants was important to this homeowner to help create habitat for pollinators and wildlife and to help absorb and filter stormwater runoff.

The project was used as an educational tool, to help inform neighbors of the various benefits of raingardens and native plant communities. It has also been featured on a tour by the Nine Mile Creek Watershed District.

SPECIFICATIONS

- 2 raingardens install
 - 308 square feet
 - 100 square feet
- Over 3000 gallons of stormwater runoff captured from a 2-inch rainstorm
- 670 native plant plugs planted
- 20 native shrubs and 3 native trees planted
- Contractor: Earth Wizards



RESULTS

Installation of the raingardens was successful, as was observed from the infiltration of stormwater within 24 hours of rainfall that exceeded 2 inches after installation.

The native plants benefit local wildlife and pollinators. Since installation there have been many birds, butterflies, hummingbirds, bees, frogs/toads and even a spotted salamander in the yard. These were rare, if ever seen, when the yard was primarily grass and non-native plants.

The goal of educating neighbors and friends about the benefits of raingardens was accomplished as the project was in progress and completed. Other residents in the neighborhood now show interest in protecting local water quality, and installing raingardens on their own residential properties.

