

Benefits of Using Raingardens

Increases the amount of water that filters into the ground, which recharges the groundwater supply

Protects communities from flooding and increased drainage problems

Minimal cost to install and maintain

Protects lakes from pollutants carried by urban stormwater such as lawn fertilizers, oil, and other harmful fluids that wash off parking lots and roofs

Provides a habitat for a variety of animals

Enhances the beauty of the community open spaces

Is able to infiltrate roughly 30% more stormwater than the typical grass lawn



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For more information, please call
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Vadnais Boulevard Raingarden



Vadnais Boulevard Raingarden

Raingardens / Infiltration Basins As Best Management Practices

What is the purpose of a raingarden?

Raingardens are landscaped areas planted with wild flowers and native species that soak up the excess runoff from roofs and pavement surfaces. The garden is designed to hold a few inches of stormwater and that water is able to slowly infiltrate through the soils to the groundwater. This is an alternative to piping the water to a drain in a stormsewer system.



Figure 1. Example of a completed residential raingarden

Project Summary:

A raingarden and stormwater ponds were installed in conjunction with the Vadnais Boulevard reconstruction project in 2008. In addition, sensitive fern plantings were placed on the SW shoreline of Lake Vadnais to replace temporary wetland impacts from construction.

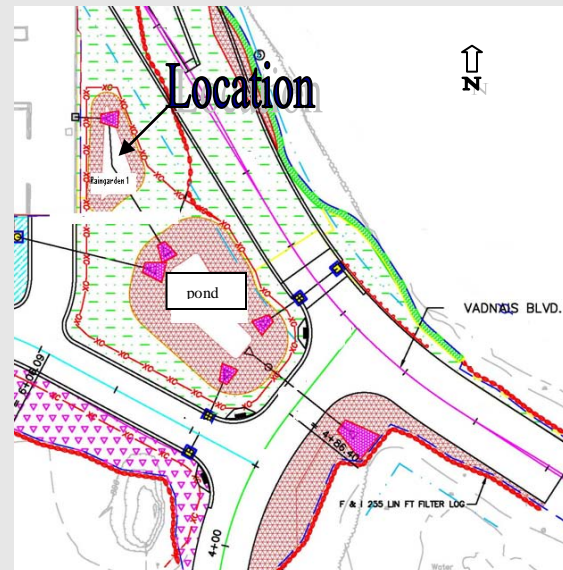


Figure 2. Site location

The raingarden is located west of the new Vadnais Boulevard and Twin Lakes Boulevard intersection, just off Rice St. The shoreline plantings are on the east side of the new bypass.

How Can You Help?

Don't dump **waste oil**—
recycle it properly for disposal.

Pick up after your **pets**—
bag their waste.

Use **lawn chemicals** carefully—
follow manufacturer's directions.

Help keep storm drains
clear of **debris**—
sweep driveways and sidewalks.

For more information on
storm water runoff, please visit
www.co.ramsey.mn.us/pw/stormwater.htm
or
Vadnais Lake Area Watershed Management
Organization
www.vlawmo.org