Stearns County Service Center
2009 Bio-retention and Shoreland Restoration

STEARNS COUNTY SOIL & WATER
SWCD
CONSERVATION DISTRICT

Project Description: In 2008 Stearns County initiated the building of a new facility in Waite Park. As a part of the construction, the county recognized the importance of implementing Low Impact Development strategies. The Stearns County SWCD worked with Stearns County and their facilities manager to use alternative landscape best management practices to reduce the impact of the new building. The practices that were implemented on the site along the Sauk River are pervious pavers, raingardens, infiltration swales, native prairie plantings, shoreland restoration areas, and low mow turf.

Pollution Reduction Estimates:

Phosphorus   20.2 Lbs./Yr.

Sediment   13.9 Tons/Yr.

Location
City of Waite Park

Practice :
Bio-retention and Shoreland Restoration

Target Waters :
Sauk River

Year Constructed :
2009

Components :
- Raingardens
- Infiltration Swales
- Prairie Planting
- Shoreland Buffers
- Low Mow Turf
- Pervious Pavers

Benefits :
- Sediment Reduction
- Nutrient Reduction
- Natural Aesthetics
- Lower Maintenance
- Lower Costs
- Education

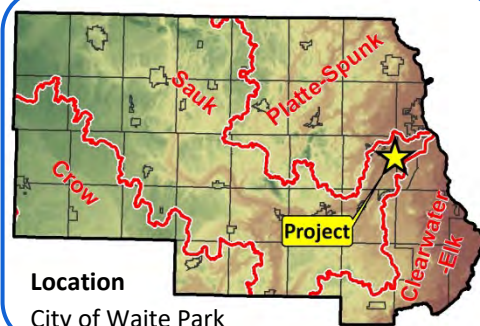**Partners :**
- Stearns County
- BWSR
- City of Waite Park

Watershed :
Sauk River Watershed

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During Construction of a Raingarden

Infiltration Swales

Finished Raingarden

"What a great partnership to demonstrate low impact development best management practices at a public facility"
— Greg Berg, SWCD Shoreland Specialist

Raingarden with Erosion Control Blanket

Native Prairie Planting

Funding:

State Funds*	$	68,933
Landowner Investment	$	49,342

* Administered by Stearns SWCD
 BWSR Native Buffer Cost Share

All programs and services are available without the regard to race, color, national origin, sex, religion, age, disability, political beliefs, and marital or family status.