

City of Sartell – Rotary Riverside Park

Streambank Stabilization & Bio-Retention (Raingardens)



Practice :

Streambank Stabilization & Bio-retention (Raingardens)

Target Waters :

Mississippi River

Year Constructed :

2011

Components :

- Native Grass Planting
- Wildflower Planting
- Shrub Planting
- Hardwood Mulch
- Underdrain system
- Over Flow Outlets

Benefits :

- Sediment Reduction
- Nutrient Reduction
- Natural Aesthetics
- Wildlife Habitat

Partners :

- City of Sartell
- Rotary Club
- Mississippi River Renaissance
- BWSR

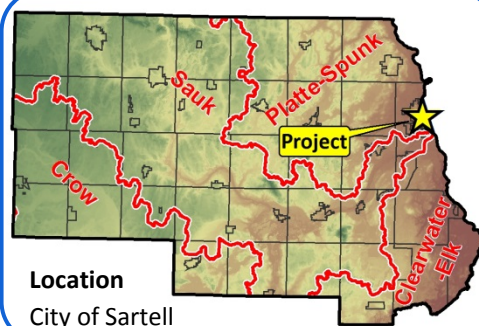
Watershed :

Upper Mississippi Watershed

Project Description: The Sartell Rotary Club is working on developing the Rotary Riverside Park property along 260 feet of the Mississippi River. As part of the planning and layout, the club was interested in implementing water quality practices that provide secondary benefits of naturalization and wildlife habitat. The project design took into account trying to treat all runoff from existing and future impervious surfaces. It also included the restoration of the streambank and buffer along the river.

Pollution Reduction Estimates:

Phosphorus	2.61	Lbs/Yr
Nitrogen	9.55	Lbs/Yr
Sediment	2,170	Lbs/Yr



Stearns County Soil and Water Conservation District
110 2nd Street South, Waite Park, MN 56387

Ph.: 320-251-7800 x3
www.stearnscountyswcd.net

City of Sartell Rotary Riverside Park

Streambank Stabilization & Bio-Retention (Raingardens)



Before Project of Streambank



Streambank after Planting and Stabilization



Raingarden after Planting

"This project is a great example of how planning can make a difference for protecting our natural resources and adding value to a property"

– Greg Berg, SWCD Shoreland Specialist



During Construction of Raingarden



Completed Construction of Raingarden

Funding:

State Funds*	\$	15,303
Landowner Investment	\$	5,100

*** Administered by Stearns SWCD**

BWSR Clean Water Fund and Native Buffer Cost Share