



2018 South Creek Restoration at Golden Pond

Overview

The project restored an tributary of South Creek (DNR-designated trout stream), separating it from a City stormwater pond. The restored pond outlet included the addition of a stabilized emergency overflow and outlet structure. The project will result in cooler water temperatures, increased water dissolved oxygen concentrations and a reduction in sediment runoff into the trout stream and connecting Vermillion River.



Practices

- ◆ Stormwater retrofit
- ◆ Streambank Stabilization

Project Benefits

- ◆ Improved water quality
- ◆ Habitat enhancement
- ◆ Fisheries protection

Partners

- ◆ Vermillion River Watershed Joint Powers Organization
- ◆ MN Board of Water and Soil Resources

Contractors

- ◆ Wenck Engineering
- ◆ Sunram Construction

Timeline

- ◆ Construction initiation—March
- ◆ Final stabilization—October

Project made possible with funding assistance from Minnesota's Clean Water Fund



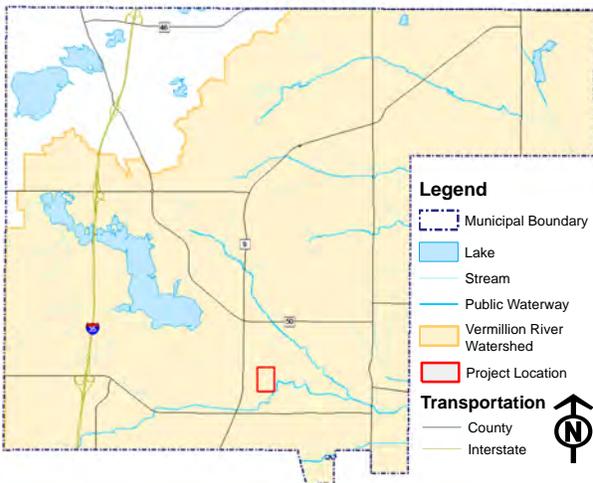
Funding

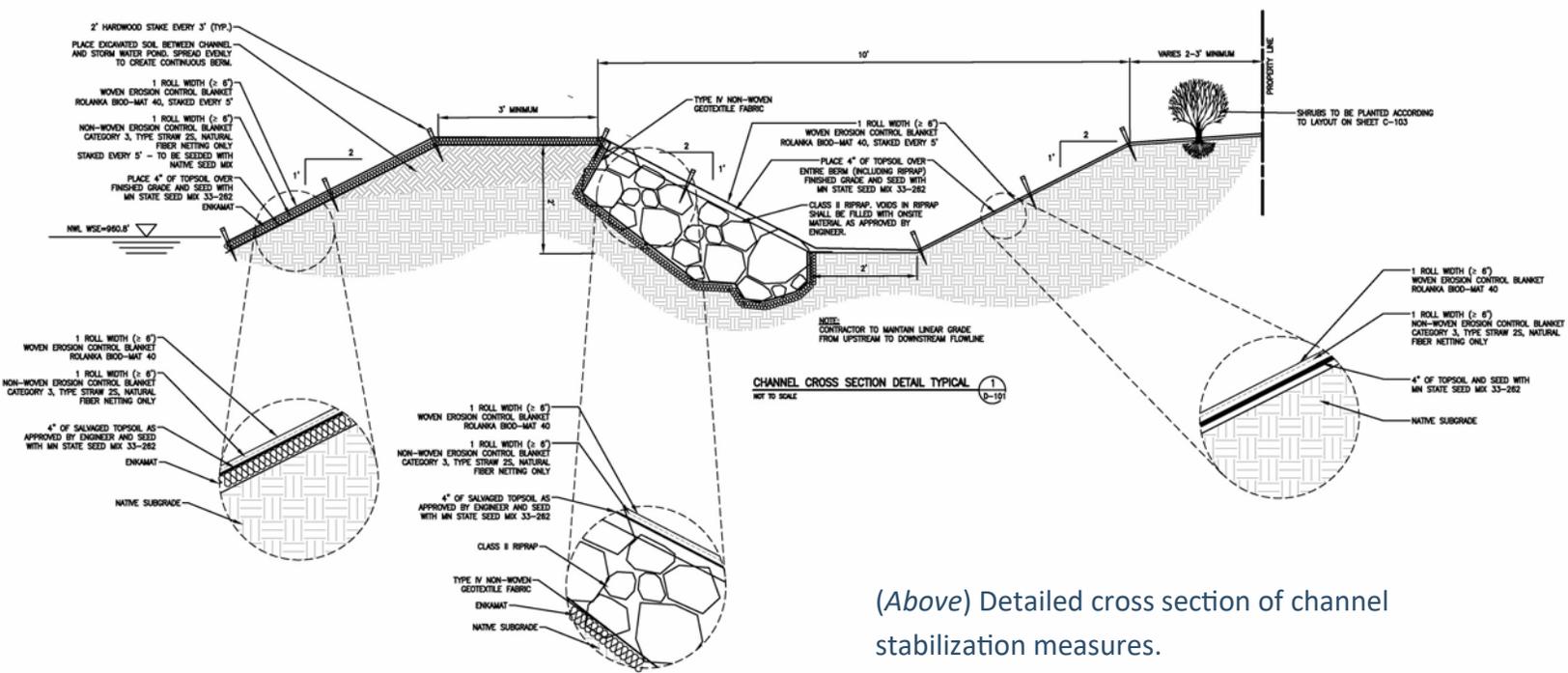
Clean Water Fund Award: \$145,695

City of Lakeville: \$35,804

Vermillion River Watershed: \$35,804

Project Cost: \$217,303





(Above) Detailed cross section of channel stabilization measures.



(Above) Pond outlet prior to restoration.



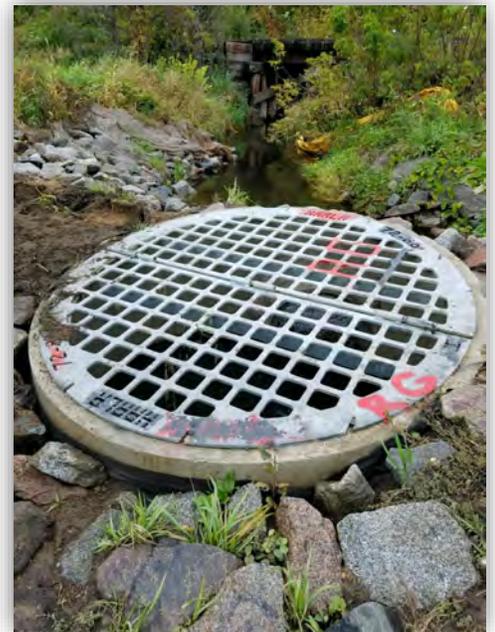
(Above) Stabilized channel post construction.



(Above) Native seed post construction.



(Above) Pond outlet post construction.



(Above) Emergency overflow structure.