



Stabilization and Restoration of the Highland Ravine



Clean Water Funds: 2012

Clean Water Grant	\$150,000
Leveraged Funds*	\$50,000
Total Project Budget	\$200,000

* Leveraged Funds include

Targeted Water:
Mississippi River

Project Sponsor:
Capitol Region Watershed District

Grant Period:
January 2012—December 2014

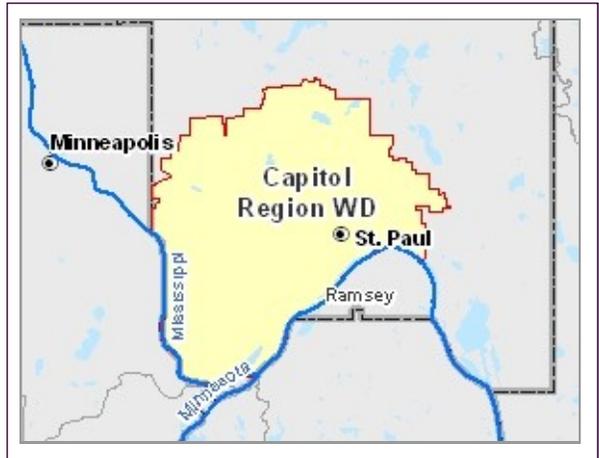
Project Contact:
Anna Eleria
(651) 644-8888
anna@capitolregionwd.org
www.capitolregionwd.org



C12-111 - Clean Water Assistance

Project Narrative

The Highland Ravine is a large bluff area in central St. Paul that has become highly eroded due to hydrologic changes associated with urban development. During rain and snowmelt events, water and sediment moves down slope onto private residential properties causing significant flooding and sedimentation. In addition, sediment-laden water from the gullies goes into the St. Paul storm sewer system which discharges, untreated, directly to the Mississippi River.



This project will include gully stabilization, woodland restoration, and upland project construction to increase infiltration and storage. Stabilizing and restoring Highland Ravine will prevent future flooding, erosion, and sedimentation to local properties and improve the quality of stormwater going into the Mississippi River.

Proposed Outcomes:

Gully Stabilization - Mississippi River

Proposed Reductions: 91 Phosphorus lbs/year
and 11.5 Sediment tons/year

Actual Outcomes:

Project in Progress

Stabilization and Restoration of the Highland Ravine

