

LLOYD PEINE

GRASSED WATERWAYS



PRACTICE:

- Grassed Waterways (2)

BENEFITS:

- 57 tons of soil per year prevented from traveling downstream
- 9 lbs. of phosphorous per year prevented from traveling downstream

PARTNERS:

- Cannon River Watershed Partnership
- North Cannon River Watershed Management Organization
- Minnesota Board of Water and Soil Resources

WATERSHED:

- Cannon River

RECEIVING WATERS:

- Trout Brook

INSTALLATION:

- Summer 2018

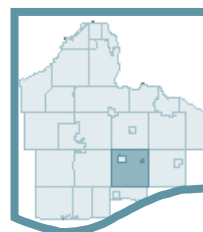
PROJECT: Runoff was causing erosion adjacent to a waterway that had exceeded its original lifespan and had not been functioning properly. 1,300 feet of grassed waterway was reconstructed to reduce erosion and sedimentation.

FUNDING:	Project Cost:	\$5,774
	Cost Share Amount:	\$4,331
	Landowner Amount	\$1,443



Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.

LOCATION:
Hampton Township
Section 13





Sediment buildup prevented runoff from entering the waterway and was causing erosion.



Accumulated sediment was excavated and the waterway was graded.



Soils in the project area were smoothed and seeded with a perennial grass and oats seed mix.



Straw mulch was spread and crimped into the soil to reduce erosion until perennial vegetation is established.



Temporary bio-logs were installed to slow down and disperse runoff from large rain events.



Seedlings emerged approximately 1 week after the waterway was seeded.