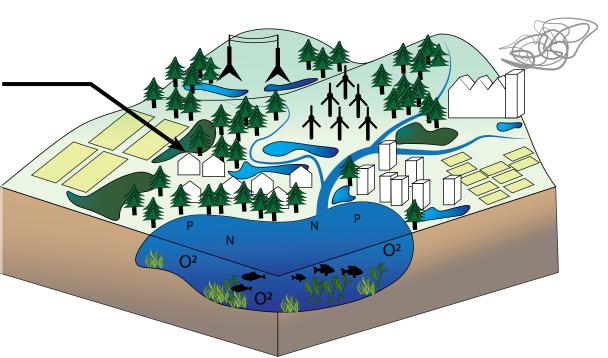


Farm runoff Built density Energy production Removal of forest/ biodiversity

Implementations to Limit Stress: Wetlands and marshes Rain gardens and retention areas

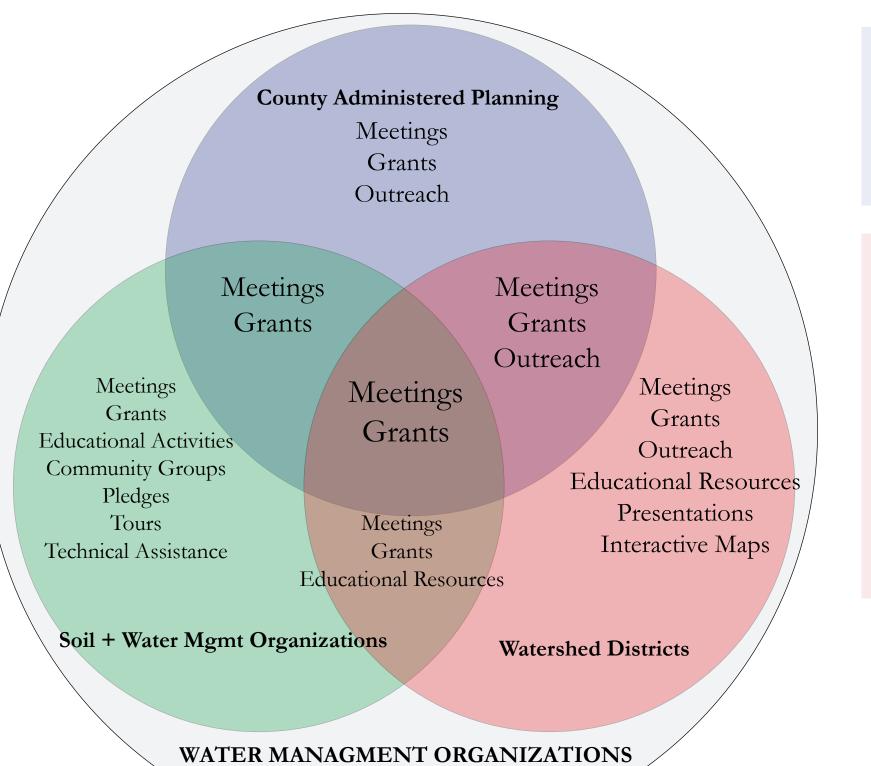
More plantings (phytoremediation, native plantings, reforestation)



Scott County

Soil & Water Management **Organizations**

Dakota County Le Sueur County Nicollet County Renville County Rice County Scott County Sibley County



Buffalo Creek Richfield Bloomington High Island Creek Riley - Purgatory- Bluff Creek Prior Lake-Spring Lake Nine Mile Creek Minnehaha Creek Lower Minnesota River

Existing Water Conditions



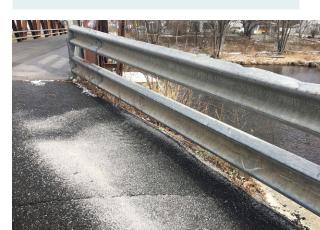
Phosphourous Nitrogen **Sulfates** E. Coli

Rain Gardens



Benefits: Filter Pollutants Recharge Groundwater Reduce Flooding

Road/ Salt Runoff



Chloride Arsenic

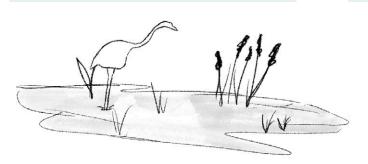


Low Dissolved Oxygen

Turbidity Algae

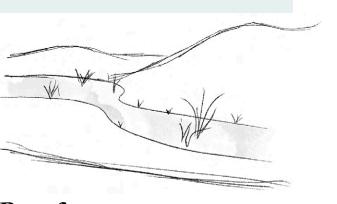
Chlorophyll/

Marshes & Wetlands



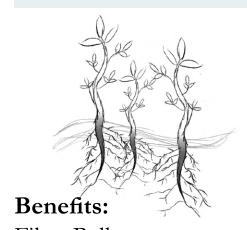
Benefits: Trap Sediments Absorb Excess Nutrients Filter Pollutants

Swales

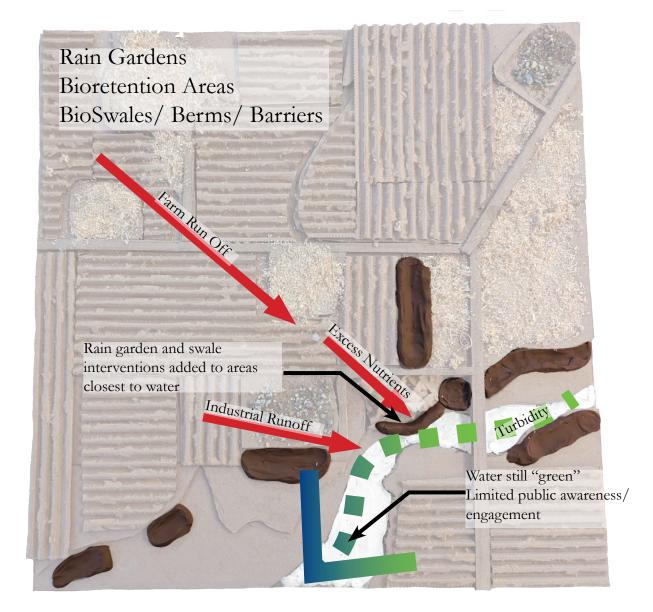


Benefits: Trap Sediments Filter Pollutants Reduce Erosion Reduce Flooding

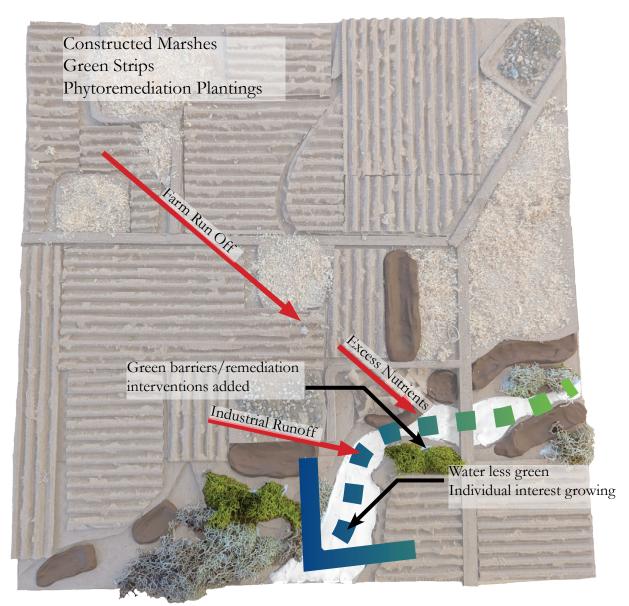
Phytoremediation



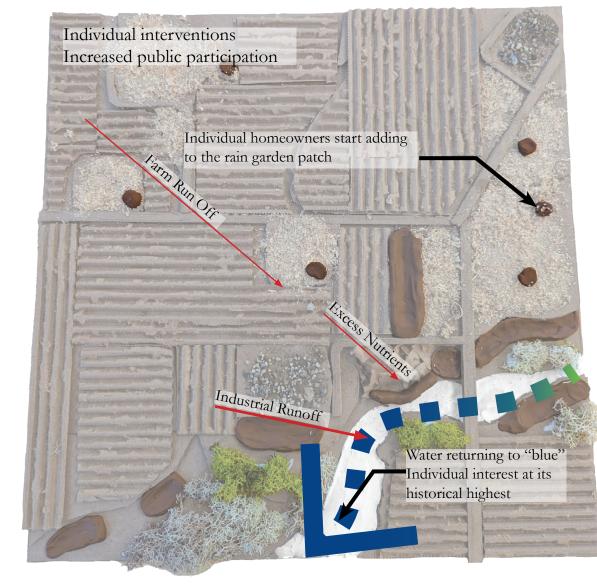
Filter Pollutants Reduce Erosion Reduce Flooding



5 Years



10 Years



20 Years

