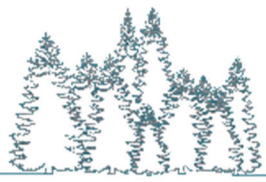


Hay Creek Planning Region Implementation Table

Programs		Targeting Approach (Figure 5.2)	10-year Outcomes	Progress towards Goal	Goals Addressed											Timeline					Total 10-Year Estimated Cost
					Ditch Bank Stabilization	Agronomic Protection	Increase Storage	Sediment Reduction	Soil Health Enhancement	Stream Restoration	Groundwater Protection	Phosphorus Reduction	Bacteria Reduction	Land protection	Responsibility (Bold = Lead)	2024-2025	2026-2027	2028-2029	2030-2031	2032-2033	
Projects and Practices	<b>Structural Practices</b> <i>Grade Stabilization</i> <i>Grassed waterways</i> <i>Filter strips/riparian buffers</i>	PTMApp Data 	Treat at least 3,673 acres	483 tons/year sediment 522 lbs/year phosphorus 10,255 lbs/year nitrogen		●	○	●	○	○	○	●	○		<b>Roseau SWCD, NRCS, RRWD, BWSR, MDA</b>	●	●	●	●	●	\$1,045,000
	<b>Non-structural Practices</b> <i>Cover crops</i> <i>Reduced tillage/no till</i> <i>Prescribed grazing</i> <i>Perennial Cover</i> <i>Forage/biomass planting</i>	PTMApp Data 	Treat at least 1,997 acres	800 tons/year sediment 380 lbs/year phosphorus 7,320 lbs/year nitrogen	○	●	○	●	●	○	○	●	○		<b>Roseau SWCD, NRCS, RRWD, BWSR, MDA</b>	●	●	●	●	●	\$299,550
	<b>Forest Management and Protection</b> <i>Forest Stewardship Plans</i> <i>Sustainable Forest Incentive Act</i> <i>Conservation Easements</i>	Privately owned forest >20 acres 	60 acres	60 acres managed and one forest stewardship plan			○	○			○	○		●	<b>Roseau SWCD, DNR, BWSR</b>	●	●	●	●	●	\$650
	<b>Bacteria Management Practices</b> <i>Cattle fencing and watering</i> <i>Crossing stabilization</i>	<i>E.coli</i> impairments 	1 site	One comprehensive bacteria management project that reduces bacteria.				○				○	●		<b>Roseau SWCD, NRCS, MPCA, MDA</b>	●	●	●	●	●	\$100,000
	<b>Ditch Stabilization</b>	Local partners 	3 miles stabilized	3 miles stabilized	●		○	●				●			<b>RRWD, County</b>		●	●	●	●	\$300,000
Total Projects and Practices																					\$1,745,200
Capital Projects	<b>Stream Restoration</b>	Local partners 	3 miles restored	3 miles restored	●	○	○	●		●		●		○	<b>RRWD, DNR, Roseau SWCD, BWSR, NRCS</b>		●	●	●	●	Costs not available

- Direct progress towards goals
- Indirect progress towards goals



## Hay Creek Planning Region Targeting Map

Projects in the implementation table above will be targeted to the areas shown in this map. The map legend matches with the actions in the Targeting Approach column in the implementation table.

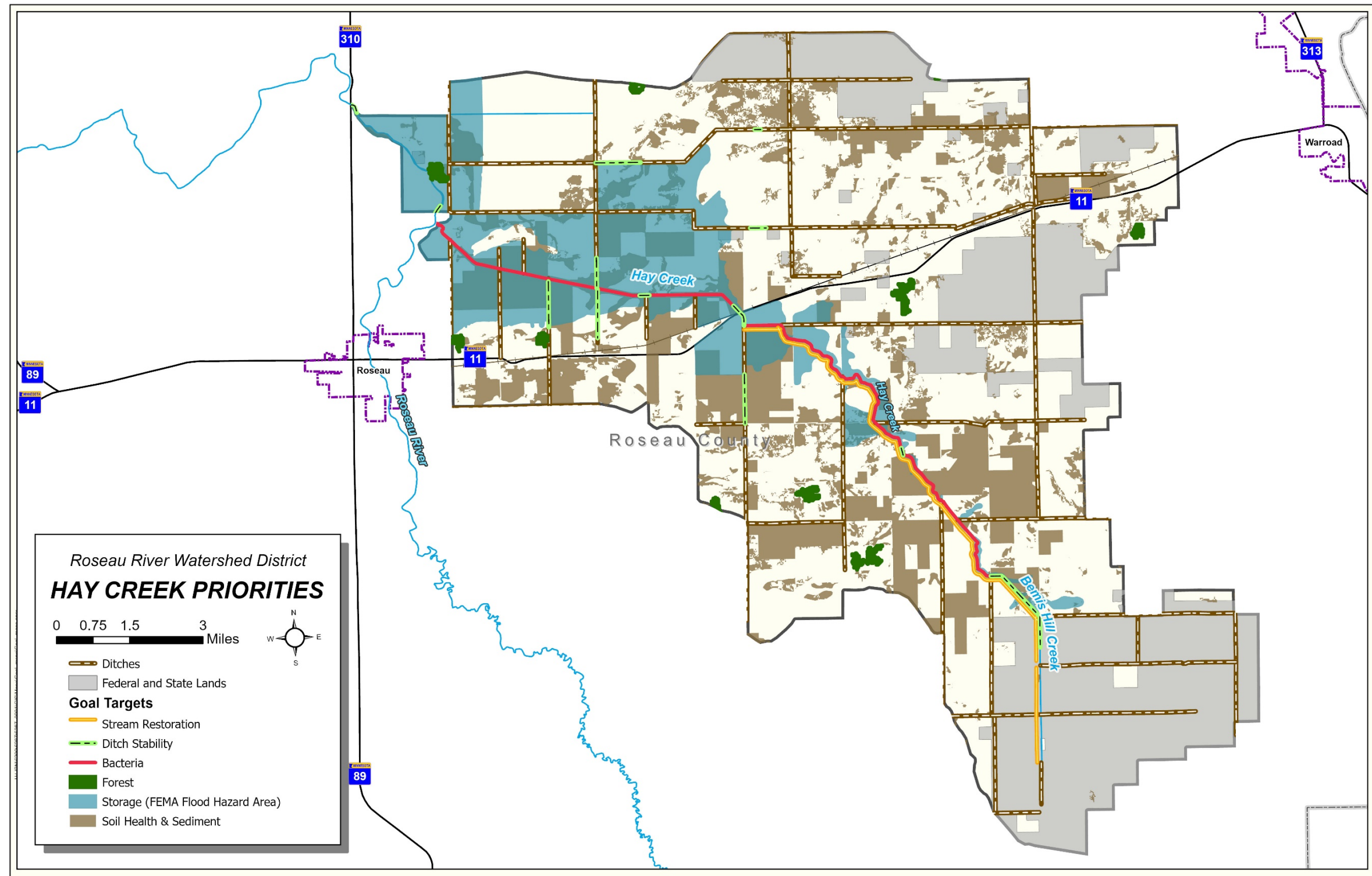


Figure 5.4. Hay Creek Planning Region Targeting Map.