

Red River Basin Water Storage Project Cost Information - July 29, 2024

Watershed District (WD)	Project Name	2024 RRWMB Bonding Request	Total Project Costs	Acre-feet of Water Storage	Cost per Acre-foot	Permitting and Environmental Review Costs	% of Non-construction Costs	Upstream Drainage Area Controlled by Project (Acres)
Middle-Snake-Tamarac Rivers WD	City of Newfolden Impoundment	\$ 2,000,000	\$ 8,000,000	2,335	\$ 3,426	\$ 400,000	30%	7,040
Middle-Snake-Tamarac Rivers WD	Nelson Slough Improvement Project – JD 19	\$11,300,000	\$ 9,946,000	9,550	\$ 1,041	\$ 475,000	23%	43,904
Two Rivers WD	Klondike Clean Water Retention Project	\$16,731,616	\$ 40,000,000	37,250	\$ 1,073	\$ 500,000	33%	122,560
Bois de Sioux WD	Redpath Impoundment Project	\$13,800,000	\$ 53,700,000	23,000	\$ 2,335	\$ 1,700,000	25%	135,680
Roseau River WD	Roseau Lake Rehabilitation Project	\$ 9,000,000	\$ 22,000,000	22,000	\$ 1,000	\$ 1,000,000	30%	694,000
Roseau River WD	Whitney Lake Project	\$ 4,500,000	\$ 8,000,000	2,750	\$ 2,909	\$ 300,000	25%	12,800
	Totals	\$41,831,616	\$141,646,000	94,135		\$4,375,000		1,015,984

Note 1: The average cost per acre-foot for all six projects is \$1,964/acre-foot.

Note 2: The drainage area upstream is the equivalent of 44 townships. One section is 640 acres x 36 sections in a township = 23,040 acres. The upstream drainage area of 1,015,984 acres divided by 23,040 acres = 44 townships. This is the size of Norman and Mahnomens Counties together (see map below).

Note 3: Inflation may affect total project costs and the 2025 bonding request.



