



WESTERN AREA WATER SUPPLY AUTHORITY

2023-2025 LEGISLATIVE REQUEST: \$46M COST SHARE

NWRWD – BDW Rural Distribution Expansion (8-1) | Est. Cost Share: \$330K (PC)

This rural expansion will look to supply water to the communities of Lignite, Flaxton, Portal and the surrounding rural areas in Burke County. Expansion will also serve additional rural users throughout BDW's western service area of Divide County by installing new service lines and upgrading capacity of the existing system as needed.

NWRWD – Trenton Area Rural Distribution Expansion (8-2) | Est. Cost Share: \$622K (PC)

The project would currently service 40 rural users and a 60-lot single family home development between Hwy 2 and the Missouri River in southwestern Williams County. Potable water service would also be supplied to the industrial businesses of the Marley Crossing Industrial Park as part of this project.

R&TWD – Battleview & McGregor Rural Distribution Expansion (8-3) | Est. Cost Share: \$701K (PC)

This rural water expansion will be Phase II of the Battleview and McGregor Distribution Area. Water distribution pipelines ranging in size from 2.0-inch through 6.0-inch will be installed to service rural customers north of Battleview and McGregor along the Hwy 40 corridor in southwestern Burke County.

R&TWD – Stanley Transmission Improvements – Phase II (8-4) | Est. Cost Share: \$5.36M (C)

Phase II of the Stanley Transmission Improvements will add approximately 18 miles of 20.0-inch water pipeline between Tioga and Stanley along Highway 2. The result of the project will increase capacity to the bulk user cities of Tioga, Ross and Stanley and also provided additional capacity for future rural growth throughout Mountrail County and southern Burke County.

R&TWD – Blaisdell, Palermo, & Misc. Rural System Expansion (8-5) | Est. Cost Share: \$293K (PC)

This rural water service expansion is located in eastern Mountrail County north of the Hwy 2 corridor, southeastern Burke County, and northwestern Ward county along the hwy 8 and 50 corridors. The project will serve new rural customers and expand service to users within the communities of Palermo and Blaisdell.

MCWRD – System IV Improvements and Expansion (8-6) | Est. Cost Share: \$248K (PC)

This rural water service expansion is located in northwestern McKenzie County north of the Hwy 200 corridor. The Project will bring additional capacity to existing users and serve new rural customers throughout this area of McKenzie County.

MCWRD – System II Improvements and Expansion Project (8-7) | Est. Cost Share: \$5.78M (PC/C)

This rural water service expansion is located in eastern McKenzie County along the Hwy 23 corridor. The Project will bring additional capacity to existing users and serve new rural and commercial users throughout the corridor and around the Johnson's Corner area in McKenzie County.



WESTERN AREA WATER SUPPLY AUTHORITY

MCWRD – Transmission System Expansion (8-8) | Est. Cost Share: \$1.45M (PC)

The project consists of preconstruction including study and report, preliminary engineering, final engineering and bidding phases for the expansion of the WAWSA Transmission System through McKenzie County. The project would entail a study and report of routing options for the transmission main corridor along with siting of pump stations and water reservoirs. Preliminary engineering would focus on surveying and layout of selected transmission main corridor. Final design would bring engineering disciplines of civil, structural, electrical, mechanical, and instrumentation and controls together to complete the design and bidding for the expansion of the WAWSA Transmission System Expansion within McKenzie County.

NWRWD – County Road 9 Service Area (8-9) | Est. Cost Share: \$4.32M (C)

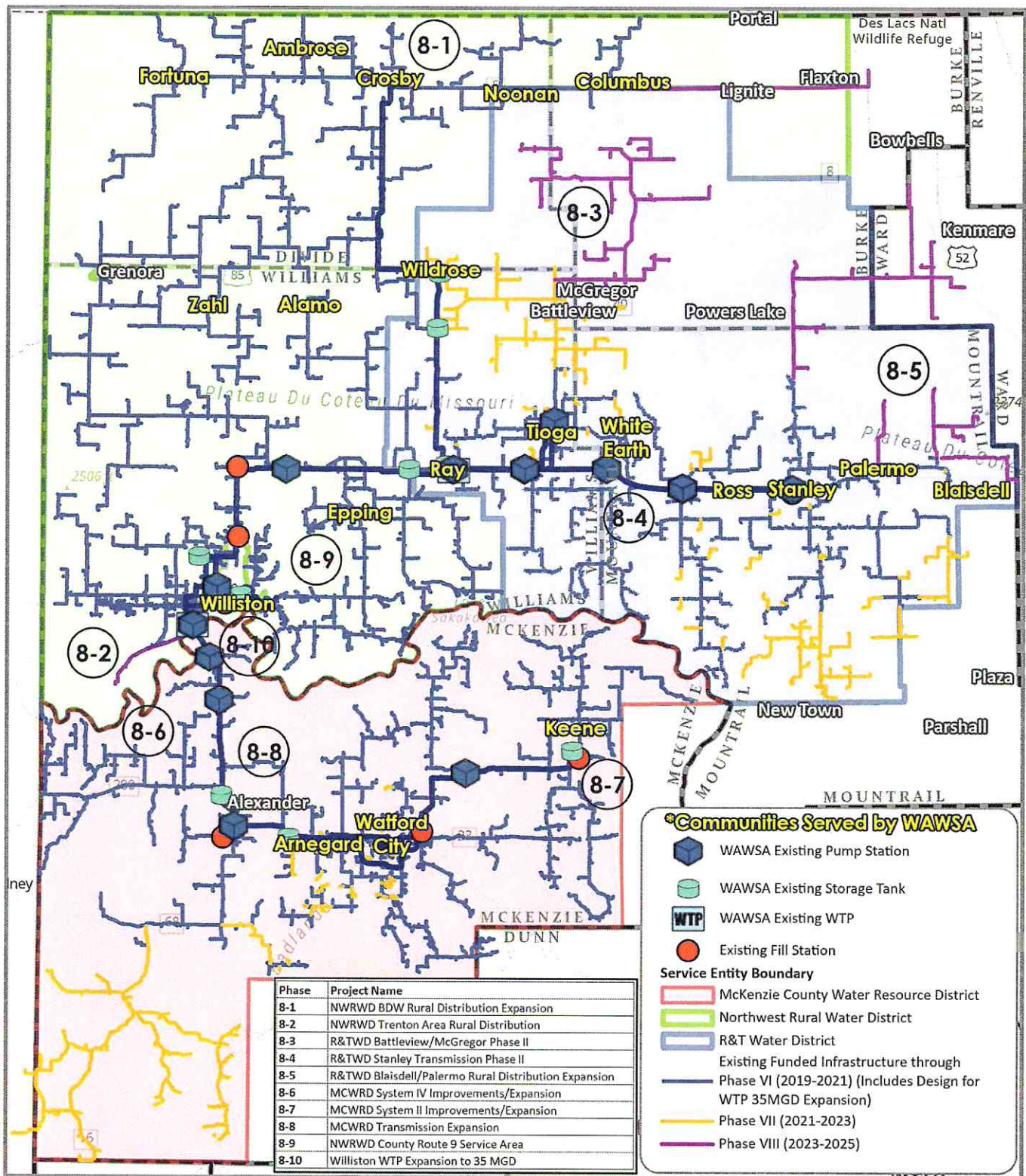
The project will service 115 new rural and commercial customers through the installation of 56 miles of 2.0-inch through 6.0-inch water distribution pipelines east of the City of Williston in Williams County.

Williston – WTP Expansion to 35 MGD (8-10) | Est. Cost Share: \$26.91M (C)

The Williston water treatment plant is approaching maximum treatment capacity during summer months. To keep treatment capacity ahead of growing water demands, the expansion of the supply and treatment systems are needed. The design of the expansion is complete. The project would proceed with bidding once construction phase funding is secured. The construction phase may take up to 30 months with up to 6 months needed for system commissioning. Current domestic water demands are projected to exceed existing supply and treatment capacity in the near future.

Proposed System Improvements/Expansion	2023-2025 State Cost Share Request	2023-2025 Budgeted State Cost Share	2023-2025 Budgeted Local Cost Share
NWRWD – BDW Rural Distribution Expansion	PC	\$ 330,000	\$ 110,000
NWRWD – Trenton Area Rural Distribution Expansion	PC	\$ 622,500	\$ 207,500
R&TWD - Battle View/McGregor Rural Distribution Expansion	PC	\$ 701,250	\$ 233,750
R&TWD - Stanley Transmission Improvements - Phase II	C	\$ 5,362,500	\$ 1,787,500
R&TWD - Blaisdell/Palermo & Misc. Rural Distribution System Expansion	PC	\$ 292,500	\$ 97,500
MCWRD - System IV Improvements/Expansion	PC	\$ 247,500	\$ 82,500
MCWRD - System II Improvements/Expansion	PC/C	\$ 5,775,000	\$ 1,925,000
MCWRD - Transmission System Expansion	PC	\$ 1,447,500	\$ 482,500
NWRWD – County Route 9 Service Area	C	\$ 4,320,000	\$ 1,440,000
Williston - WTP Expansion to 35 MGD	C	\$ 26,910,000	\$ 17,940,000
Subtotals		\$ 46,008,750	\$ 24,306,250
Total 2023 - 2025 Biennium CIP			\$ 70,315,000
PC = Preconstruction			
C = Construction			

WAWSA 2023-2023 Capital Improvements Plan Cost Summary



Information depicted may include data unverified by AC2S. Any reliance upon such data is at the user's own risk. AC2S does not warrant this map or its features are either spatially or temporally accurate. Coordinate System: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet | Edited by: dlissick | C:\Data\Projects\Nasuni\WAWSA\GIS_General\GIS\WAWSA GIS General - Mapping and Analysis.aprx | WAWSA Rural Water System Phase Map



Locator Map Not to Scale

0 7 14 Miles

1 inch = 14 miles

WESTERN AREA WATER SUPPLY PROJECT RURAL WATER DISTRICT MAP

WAWSA



Date: 2/6/2023

