



WESTERN AREA
WATER SUPPLY AUTHORITY

House Bill 1020

Western Area Water Supply Authority

Tami Madsen, Executive Director



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Western Area Water Supply Authority (WAWSA)

HB 1206 (2011) Initially Created WAWSA

SB 2233 (2013) Water Development Policies, Goals, and Objectives

HB 1020 (2013) State Water Commission Appropriations Bill

SB 2020 (2015) State Water Commission Appropriations Bill

HB 1020 (2017) State Water Commission Appropriations Bill

SB 2020 (2019) State Water Commission Appropriations Bill

Five Member Entities

- Northwest Rural Water District
- McKenzie County Water District
- City of Williston
- BDW Water System Association
- R&T Water District

Ten Member Board of Directors

Services: Williston, Watford City, Ray, Tioga, Stanley, Wildrose, Crosby, Fortuna, Noonan, Columbus and Ross

Service area: 5 counties: Burke, Divide, McKenzie, Mountrail and Williams

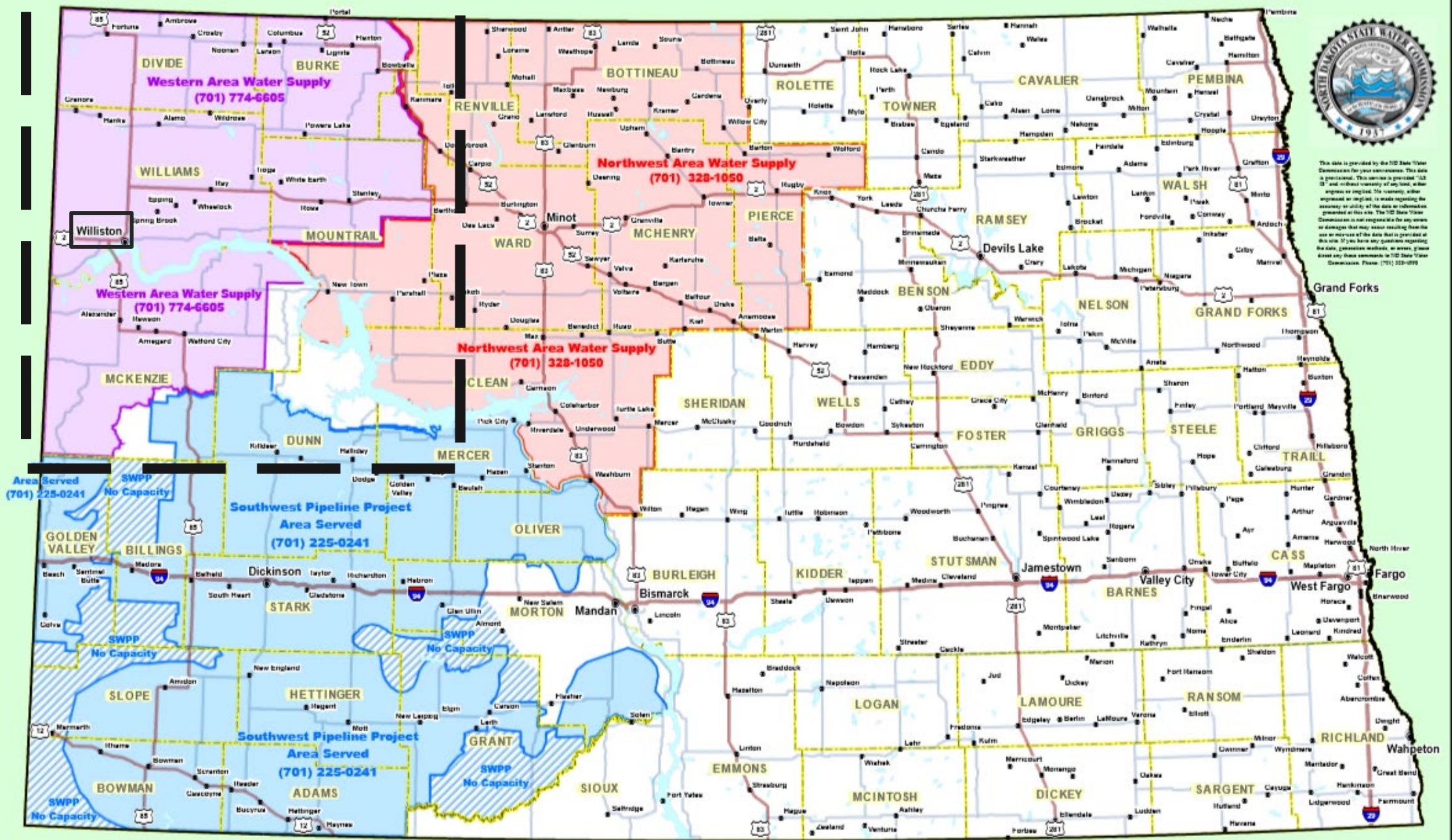
Currently providing water to over **70,000 people**

Estimated to provide water to **100,000 people** by 2038

Two Utilities [Domestic | Industrial]



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North Dakota Regional Water Supply Projects



The Domestic Utility

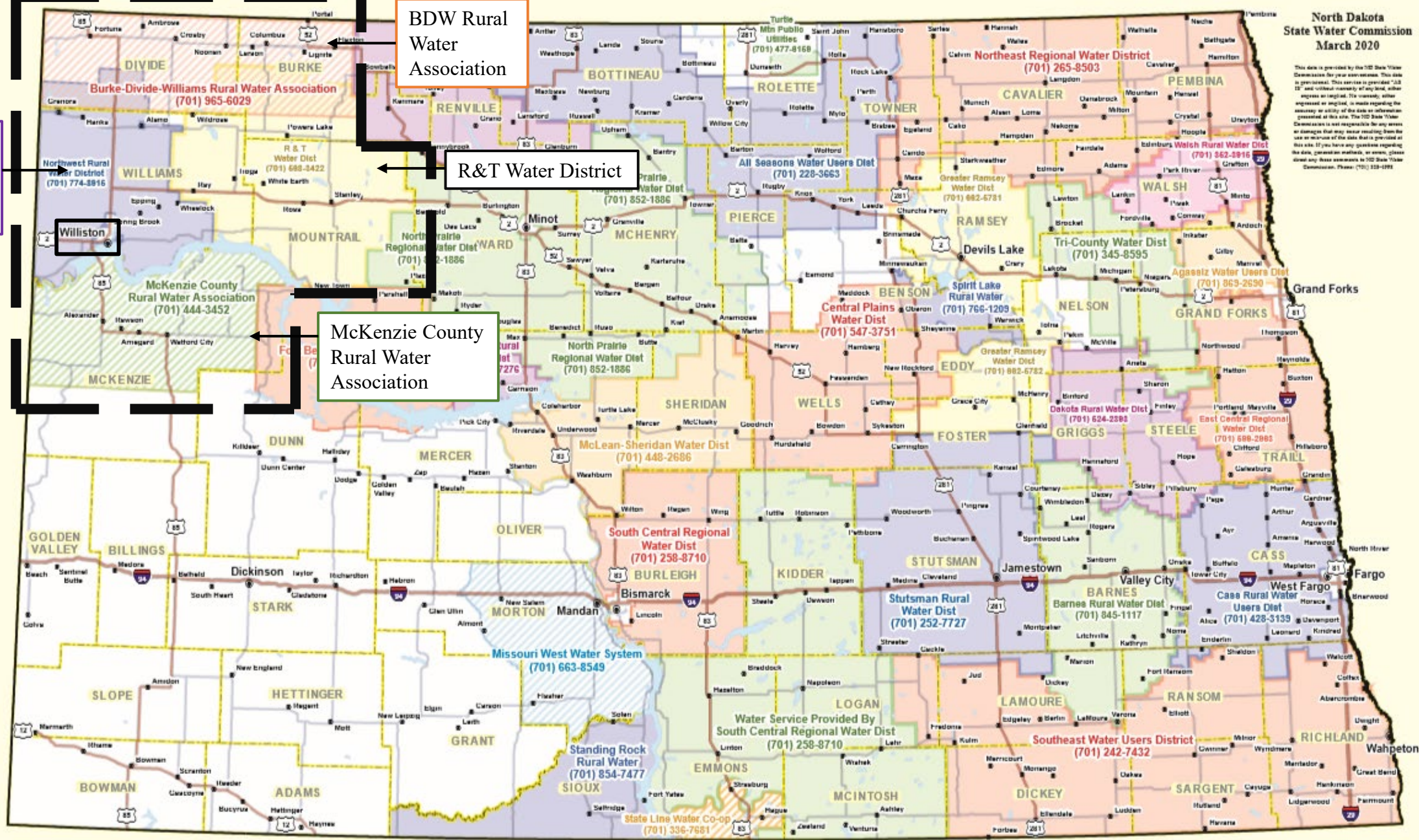
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Northwest
Rural
Water
District

BDW Rural
Water
Association

R&T Water District

McKenzie County
Rural Water
Association

North Dakota Rural Water Districts & Associations



Proposed System Improvements/Expansions	Estimated Project Cost	State Cost Share Request
R&TWSCA - East White Earth Rural Distribution Alternatives	\$ 6,000,000	\$ 4,440,000
R&TWSCA - West White Earth Rural Distribution Alternatives	\$ 3,000,000	\$ 2,220,000
R&TWSCA - Service to Battleview McGregor	\$ 5,000,000	\$ 3,700,000
R&TWSCA - Service to Stanley - Phase II	\$ 12,000,000	\$ 8,880,000
R&TWSCA - Stanley Rural Distribution - Part 2	\$ 5,000,000	\$ 3,700,000
MCWRD - System I Expansion - Part 2	\$ 7,000,000	\$ 5,180,000
NWRWD - North 200K Rural Distribution	\$ 3,500,000	\$ 2,590,000
NWRWD - 29 Mile Rural Distribution	\$ 8,500,000	\$ 6,290,000
Williston Water Treatment Plant Expansion	\$ 5,000,000	\$ 3,000,000
Totals	\$ 55,000,000	\$ 40,000,000

Funding Request
2019-2021
[Requested]

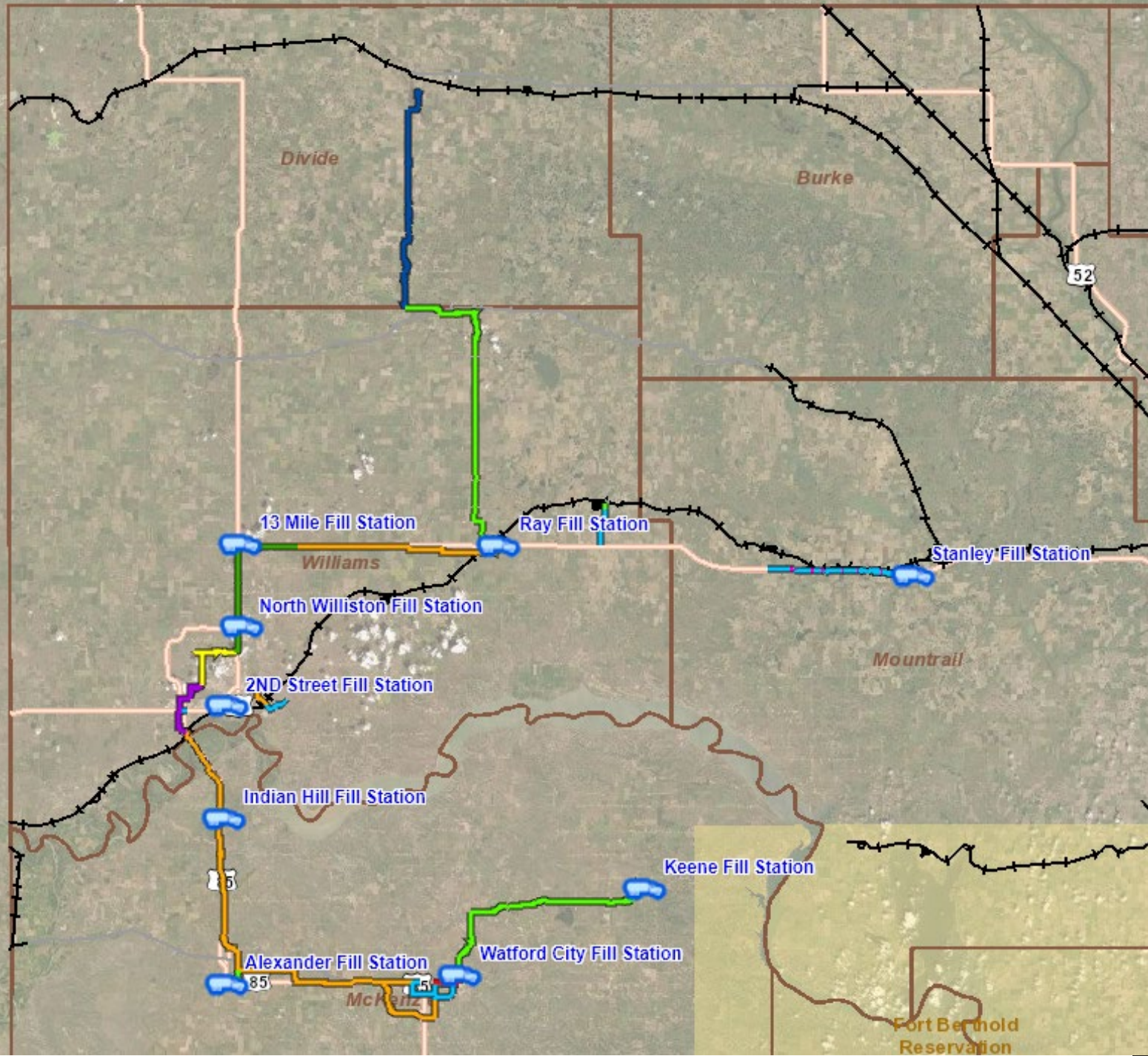
Funding Request 2019-2021 [Actual]

Proposed System Improvements/Expansion 2019-2021	Estimated Project Cost	State Cost Share Request
R&TWSCA – East White Earth Rural Distribution Alternates	\$6,000,000	\$4,440,000
R&TWSCA – West White Earth Rural Distribution Alternates	\$3,000,000	\$2,220,000
R&TWSCA – Service to Powers Lake	\$5,000,000	\$3,700,000
R&TWSCA – Service to Stanley – Phase II	\$12,000,000	\$8,880,000
R&TWSCA – Stanley Rural Distribution – Part 2	\$5,000,000	\$3,700,000
MCWRD – System I Expansion – Part 2	\$7,000,000	\$5,180,000
NWRWD – North 200K Rural Distribution	\$3,500,000	\$2,590,000
NWRWD – 29 Mile Rural Distribution	\$8,500,000	\$6,290,000
Williston Water Treatment Plant Expansion*	\$5,000,000	\$3,000,000
Totals	\$55,000,000	\$40,000,000

Unfunded in
2019-2021 due to
economic conditions

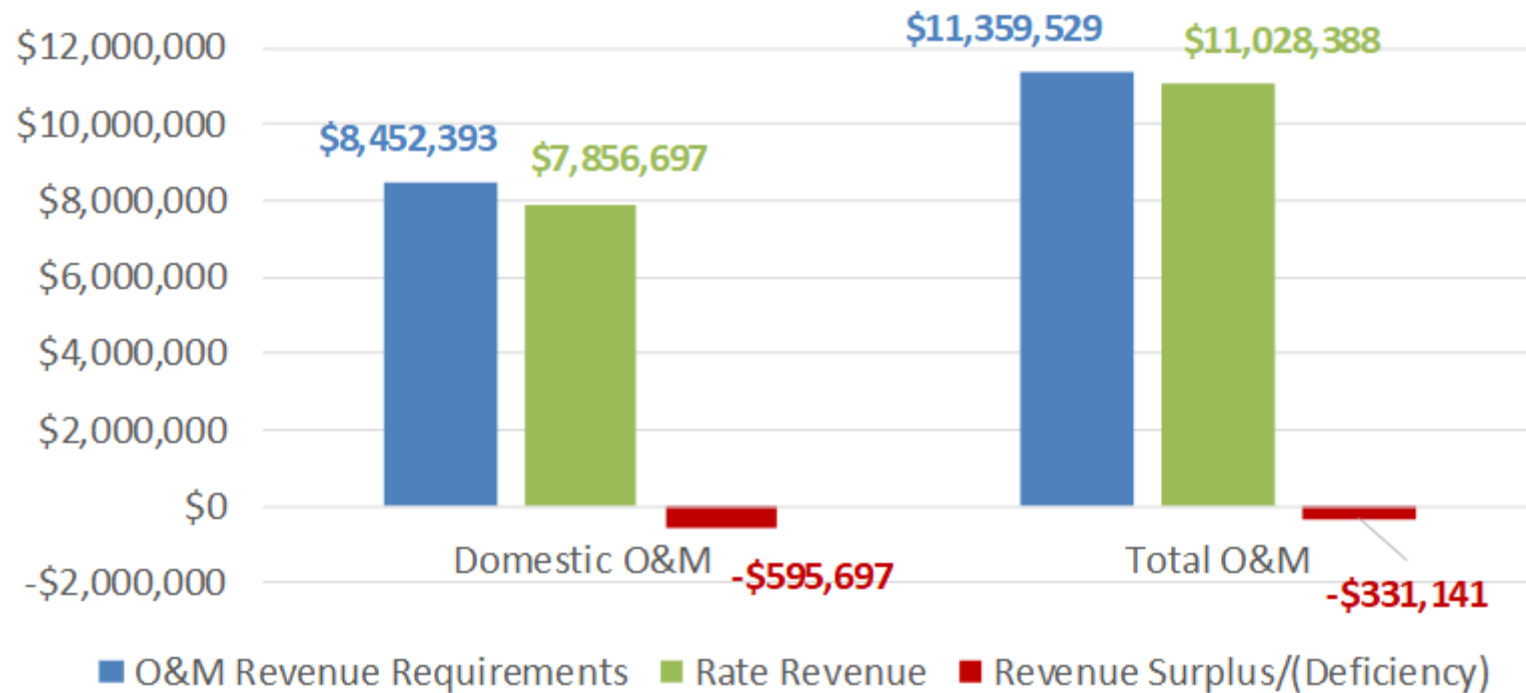
Funding Request 2021-2023 [Actual]

Proposed System Improvements/ Expansion 2021-2023	Estimated Project Cost	State Cost Share Request
MCWRD - System IV Part 4	\$ 8,625,000	\$3,020,000
NWRWD – County Route 9 Service Area	\$ 6,800,000	\$5,100,000
R&TWD – East White Earth Alternate 2	\$ 640,000	\$480,000
R&TWD – Stanley Part II – Alternates 2 & 3	\$ 3,500,000	\$2,625,000
2021-2023 Total	\$ 19,565,000	\$11,225,000
Remaining Improvements/Expansion 2019-2021	Estimated Project Cost	State Cost Share Request
R&TWSCA - Service to Battleview McGregor	\$ 5,000,000	\$ 3,700,000
R&TWSCA - Service to Stanley - Phase II	\$ 12,000,000	\$ 8,880,000
R&TWSCA - Stanley Rural Distribution - Part 2	\$ 5,000,000	\$ 3,700,000
MCWRD - System I Expansion - Part 2	\$ 7,000,000	\$ 5,180,000
2019-2021 Total	\$ 29,000,000	\$ 21,460,000
Total (Sum 2021-2023 + 2019-2021)	\$ 48,565,000	\$32,685,000



The Industrial Utility

Projected 2021 Revenue Adequacy At Recommended Rates



Loans Secured with Industrial Income

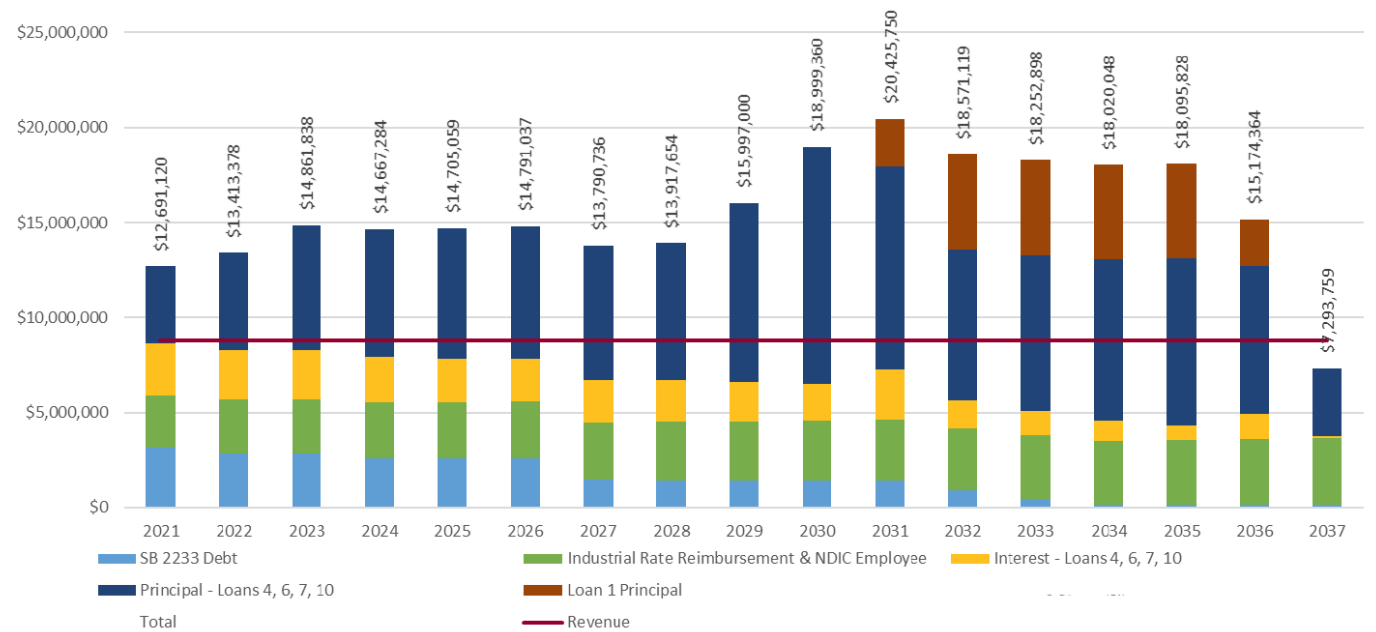
Loan #	Origination Date	Principal Balance
Loan #1 580000100000	Sep-11	\$25,000,000.00
Loan #4 580000200000	May-13	\$10,000,000.00
Loan #6 580000300000	Sep-14	\$20,000,000.00
Loan #7 580000400000	Sep-14	\$19,500,000.00
Loan #10 125025804000	Jun-17	\$79,079,379.72
	Total	\$153,579,379.72
MCWRD Loans	Origination Date	Balance 12/2020
McKenzie Cty Loan	2013	\$2,960,927.49
Transmission line	2011	\$3,790,000.00
System 2 2015A	2015	\$2,032,968.05
System 2 2015B	2015	\$1,203,782.15
	Total	\$9,987,677.69
R & T Loans	Origination Date	Balance 12/2020
Tioga High Point	2008	\$265,000.00
WTP & Raw Wtr Improvements	2017	\$5,275,000.00
	Total	\$5,540,000.00
City of Williston	Origination Date	Balance 12/2020
Transmission Line/WTP	2003	\$675,000.00
Water Storage Reservoir	1999	\$245,000.00
Water Treatment Plant	2005	\$6,235,000.00
	Total	\$7,155,000.00

Outstanding Debts

Excluding
Baseline
Sales

DRAFT **SCENARIO 1a** WAWSA - Legislative Update Reference No. 1

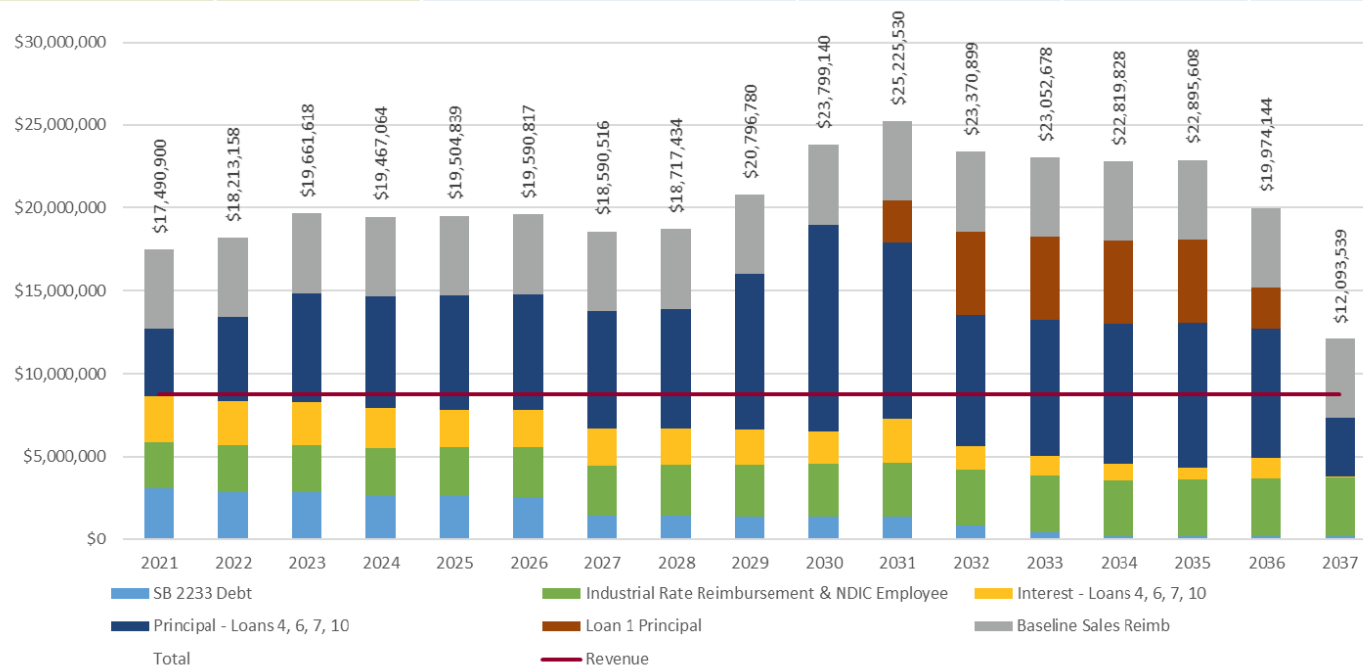
Scenario	Baseline Sales	Loan #10 Terms	Loans 4, 6, 7 Terms	Principal Reduction	SB 2233 Debt
Scenario 1a	No	Current Terms (16.75 years Remaining) with Variable Interest Rate Assumptions	Current Terms	No	Included at Existing Schedules



Outstanding Debts

Including Baseline Sales

DRAFT						SCENARIO 1b						WAWSA – Legislative Update Reference No. 4	
Scenario	Baseline Sales	Loan #10 Terms			Loans 4, 6, 7 Terms		Principal Reduction		SB 2233 Debt				
Scenario 1b	Yes	Current Terms (16.75 years Remaining) with Variable Interest Rate Assumptions			Current Terms		No		Included at Existing Schedules				





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