

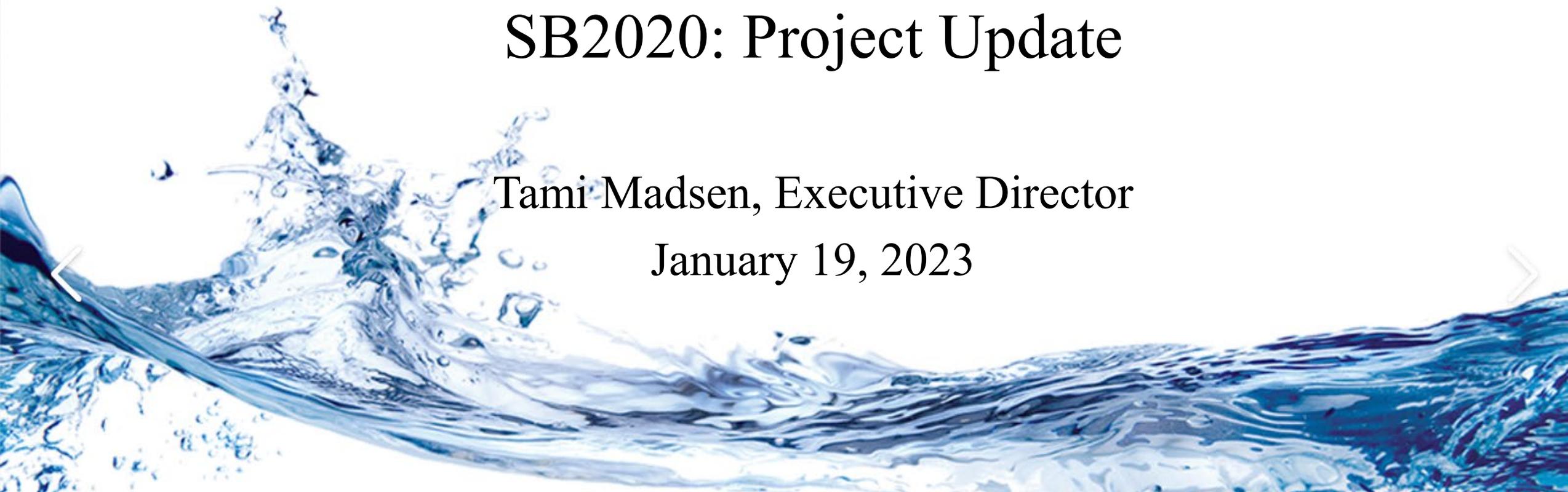


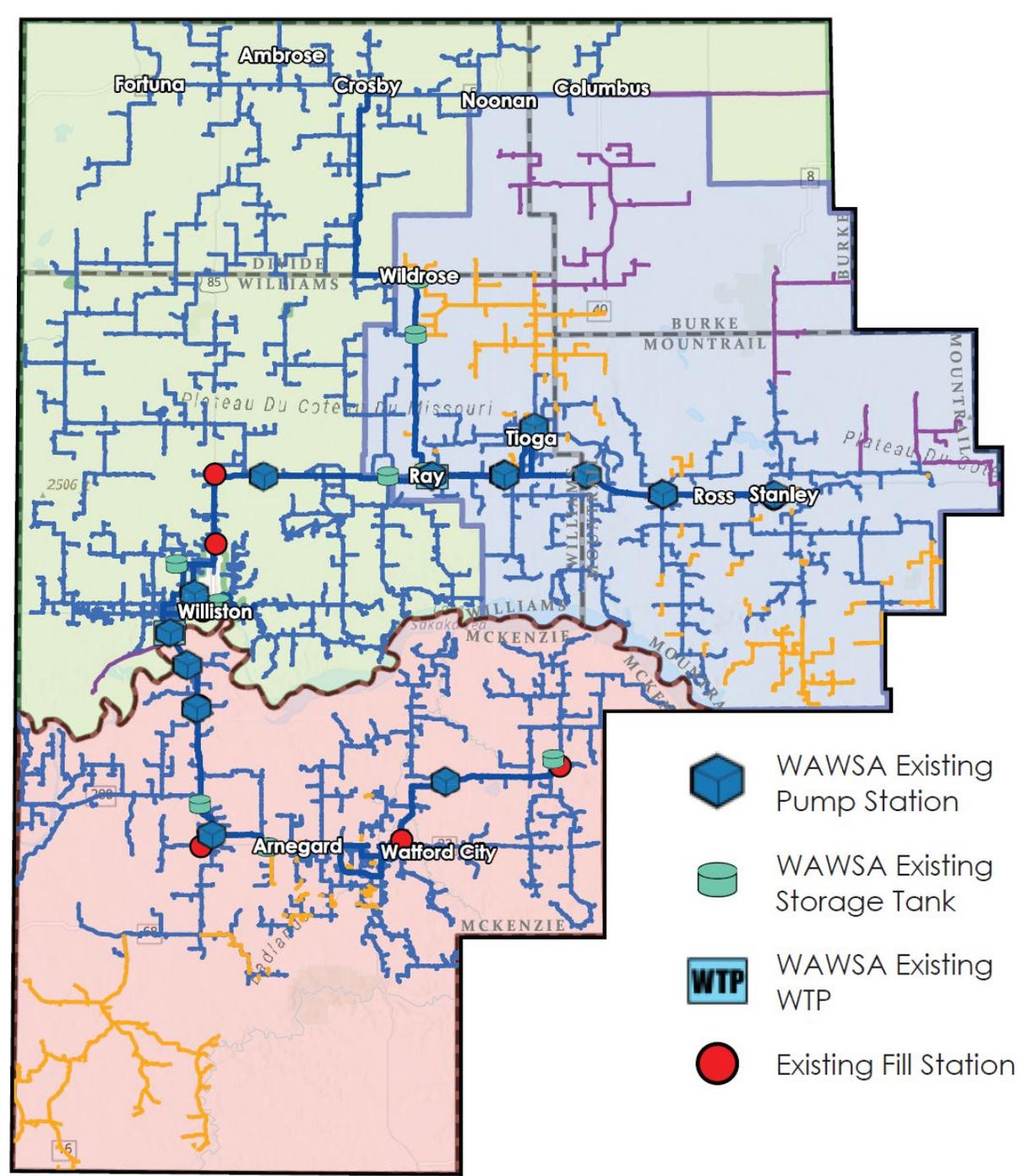
**WESTERN AREA**  
WATER SUPPLY AUTHORITY

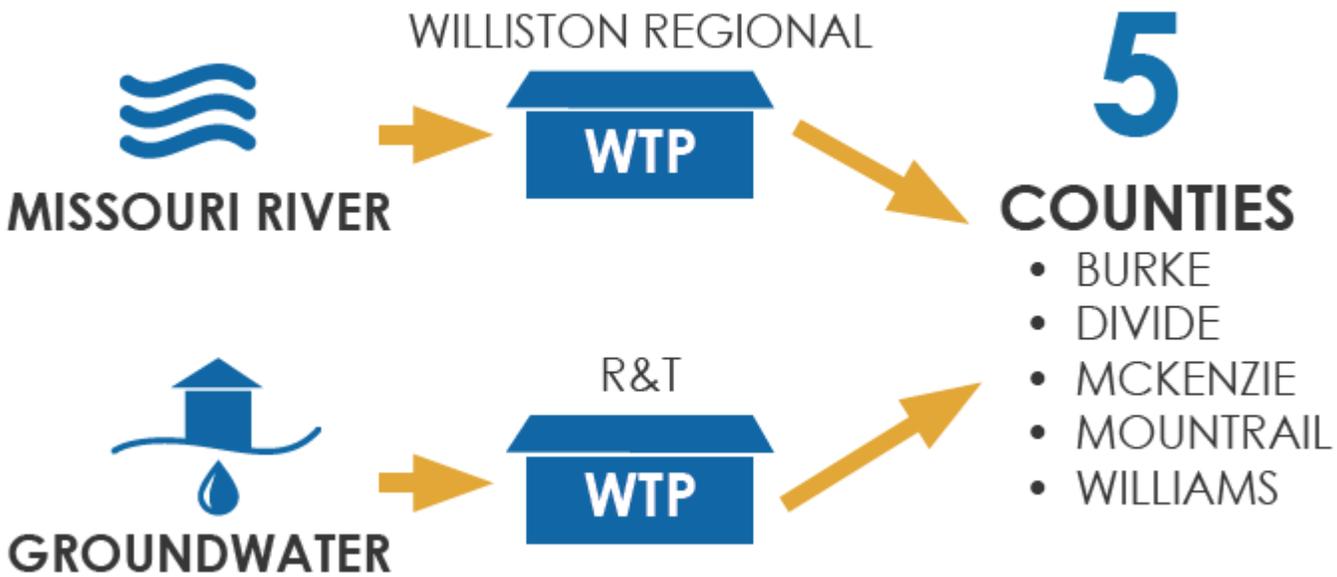
## SB2020: Project Update

Tami Madsen, Executive Director

January 19, 2023









**1,800+ Miles installed of Rural  
Distribution & Transmission Pipeline**



**9 Ground Storage  
Reservoirs**



**16 Pump  
Stations**



**4 Water  
Towers**

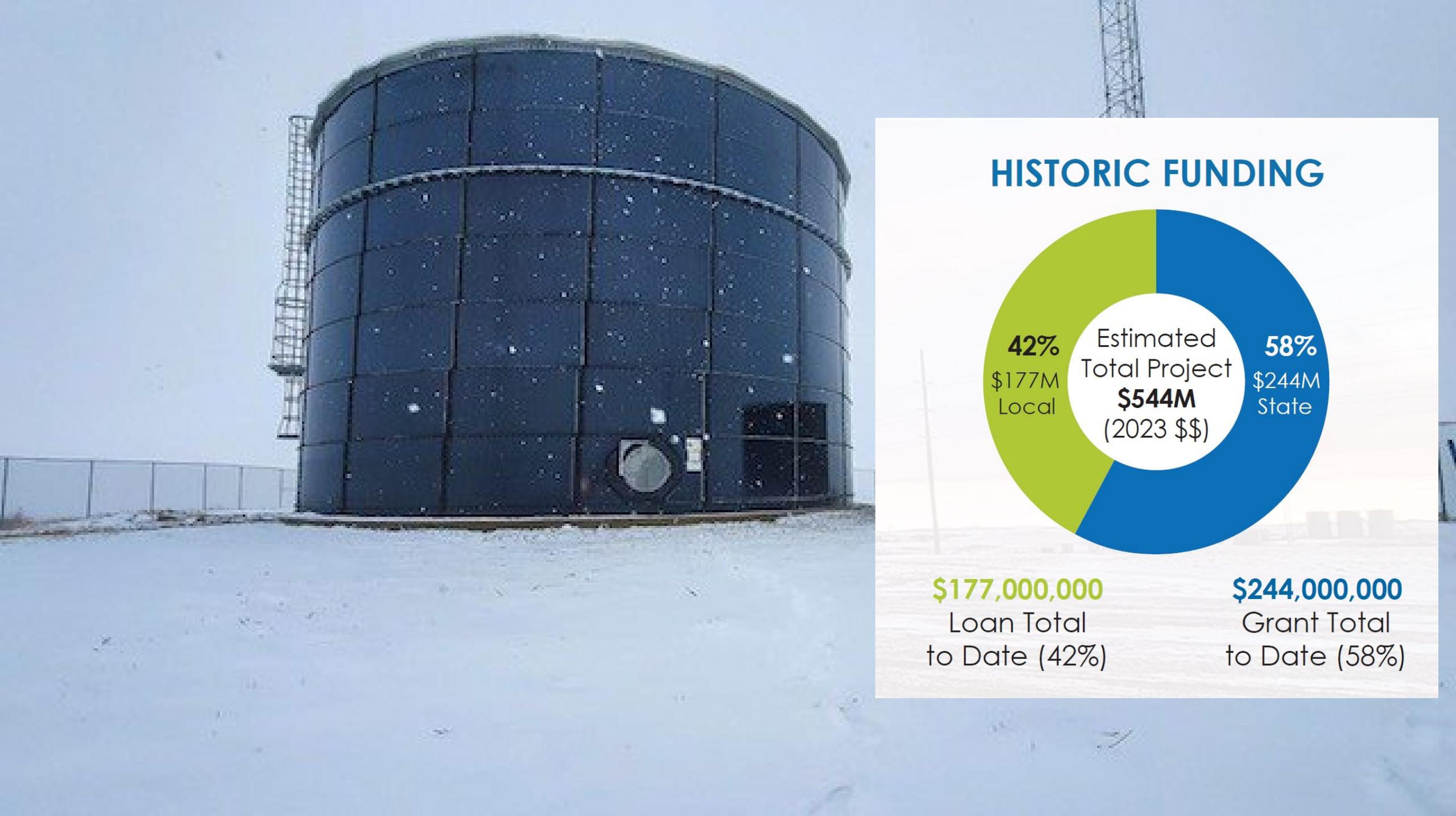
Over 60,000 Residents Served in Northwest North Dakota	167% Growth (First Decade)		193% Growth (2011-2022)
Member Entity	2011	2021	2022
McKenzie County Water Resource District	200	1350	1466
Northwest Rural Water   BDW	1383	2411	2639
R&T Water	90	700	800
Total Connections			4905



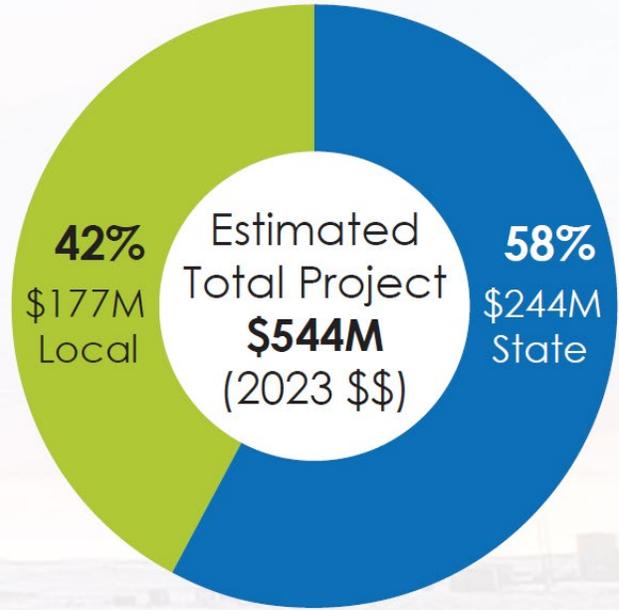
# 2020 United States Census

	2010	Growth Rate	2020
<b>McKenzie County, ND</b>	<b>6,400</b>	<b>131%</b>	<b>14,700</b>
<b>Williams County, ND</b>	<b>22,400</b>	<b>83%</b>	<b>41,000</b>





## HISTORIC FUNDING



**\$177,000,000**

Loan Total  
to Date (42%)

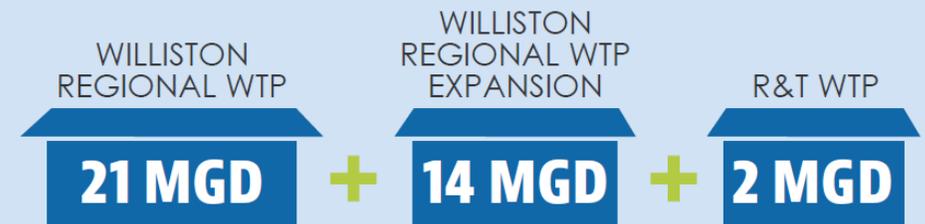
**\$244,000,000**

Grant Total  
to Date (58%)

Proposed System Improvements/Expansion	4/1/2022 Estimate	2023-2025 State Cost Share Request	2023-2025 Budgeted State Cost Share	2023-2025 Budgeted Local Cost Share
MCWRD - System II Improvements/Expansion	\$ 7,700,000	PC/C	\$ 5,775,000	\$ 1,925,000
MCWRD - Transmission System Expansion	\$ 19,300,000	PC	\$ 1,447,500	\$ 482,500
MCWRD - System IV Improvements/Expansion	\$ 3,300,000	PC	\$ 247,500	\$ 82,500
Williston - WTP Expansion to 35 MGD	\$ 44,850,000	C	\$ 26,910,000	\$ 17,940,000
R&TWD - Battle View/McGregor Rural Distribution Expansion	\$ 9,350,000	PC	\$ 701,250	\$ 233,750
R&TWD - Stanley Transmission Improvements - Phase II	\$ 7,150,000	C	\$ 5,362,500	\$ 1,787,500
R&TWD - Blaisdell/Palermo & Misc. Rural Distribution System Expansion	\$ 3,900,000	PC	\$ 292,500	\$ 97,500
NWRWD – County Route 9 Service Area	\$ 6,400,000	C	\$ 4,320,000	\$ 1,440,000
NWRWD – BDW Rural Distribution Expansion	\$ 4,400,000	PC	\$ 330,000	\$ 110,000
NWRWD – Trenton Area Rural Distribution Expansion	\$ 8,300,000	PC	\$ 622,500	\$ 207,500
<b>Subtotals</b>	<b>\$ 114,650,000</b>		<b>\$ 46,008,750</b>	<b>\$ 24,306,250</b>
<b>Total 2023 - 2025 Biennium CIP</b>				<b>\$ 70,315,000</b>

### Planning, Engineering, & Construction of:

-  Pump Stations
-  Reservoirs
-  400+ New Rural Connections
-  Transmission & Distribution Pipelines



Million Gallons Per Day (MGD) of Drinking Water

PLAN INCREASED TO **37 MGD**



Thank you

Tami Madsen, Executive Director

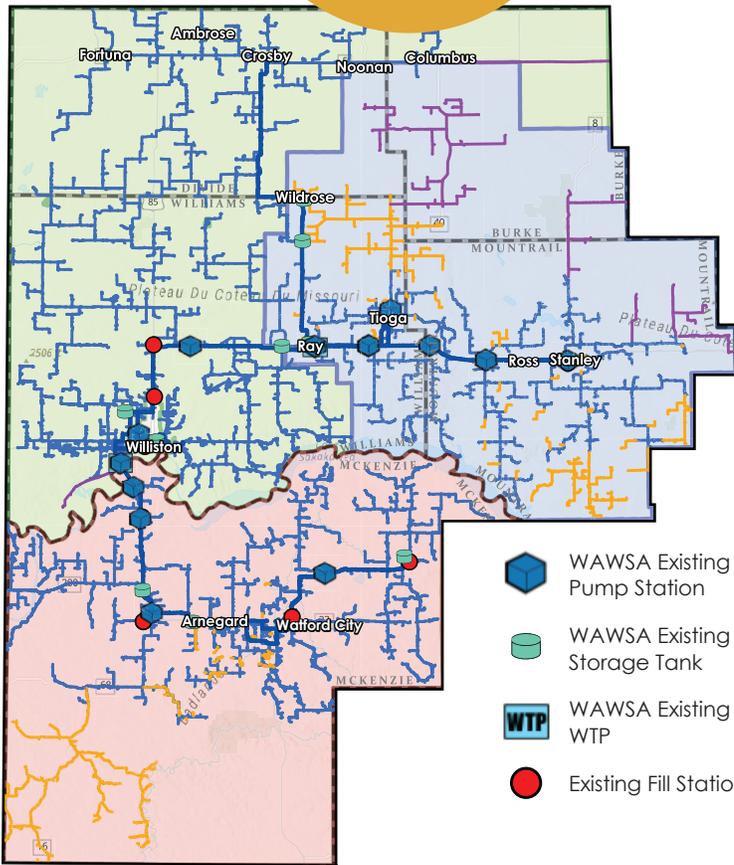
Western Area Water Supply Authority

701-609-0450 | [Tami.madsen@wawsp.com](mailto:Tami.madsen@wawsp.com)



83% Population Increase in Williams County since 2010

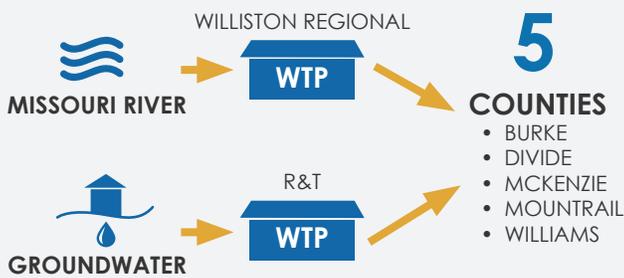
131% Population Increase in McKenzie County since 2010



In response to the rapidly expanding population and increasing water demands created by the Bakken oil boom, the North Dakota Legislature created the Western Area Water Supply Authority in 2011 to own and manage the Western Area Water Supply Project.

The Western Area Water Supply Project is a regional water project that serves over 5,000 square miles of municipal, rural, and industrial users across five counties in northwest North Dakota. The system utilizes a combination of Missouri River water treated at the Williston Regional Water Treatment Plant and groundwater treated by the R&T Water District's Water Treatment Plant in Ray to serve the region.

- McKenzie County Water Resource District
- Northwest Rural Water District
- R&T Water District
- Existing Funded Infrastructure through Phase VI (2019-2021) (Includes Design for WTP 35MGD Expansion)
- Phase VII (2021-2023)
- Phase VIII (2023-2025)



## OVER 70,000 RESIDENTS SERVED IN NORTHWEST ND

### RURAL CONNECTIONS (193% INCREASE SINCE 2011)

	2011	CURRENT
McKenzie Rural Water	200	1,466
Northwest/BDW	1,383	2,639
R&T Water Supply	90	800

### CITIES SERVED

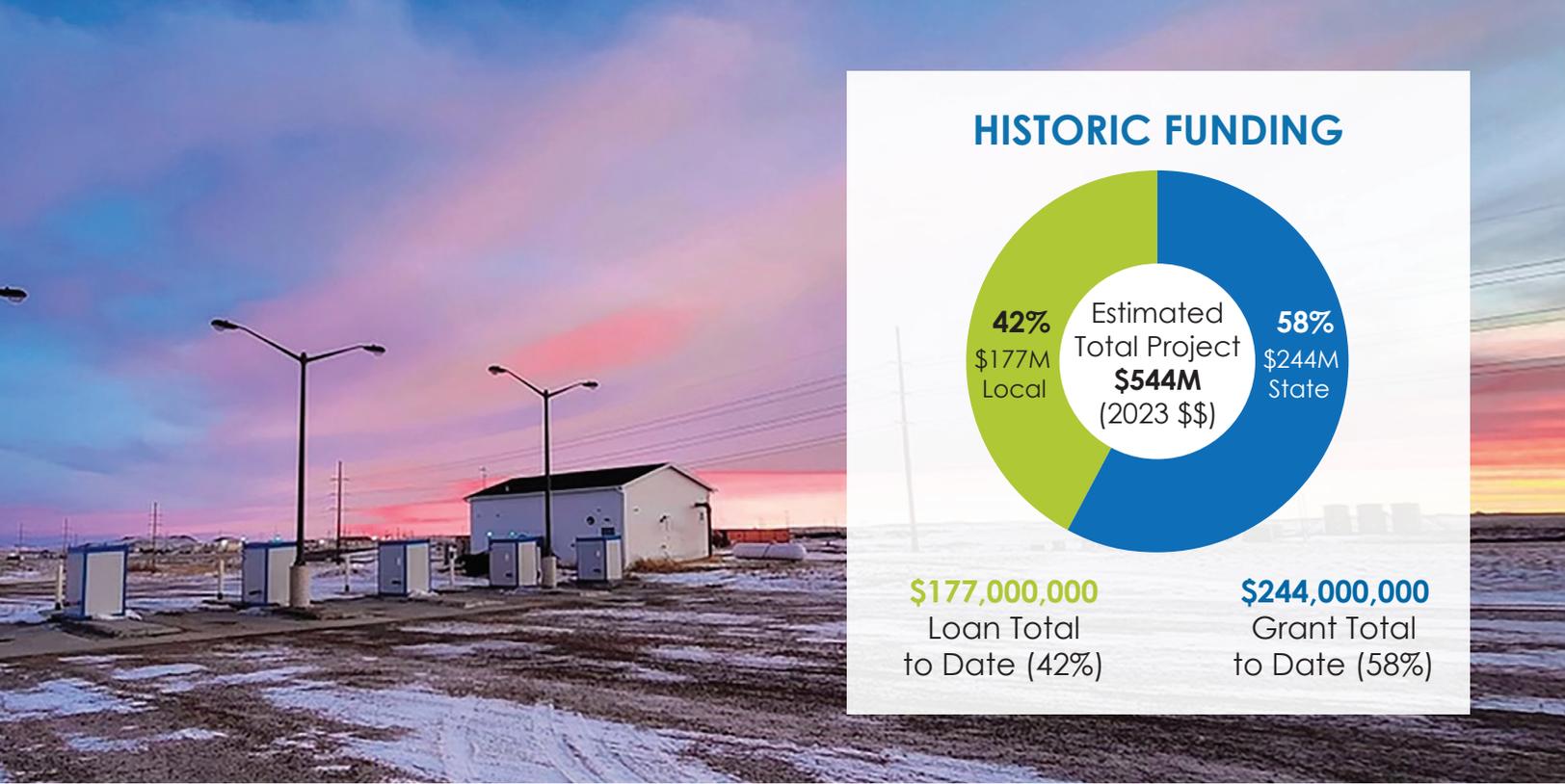
Williston, Watford City, Ray, Tioga, Stanley, Wildrose, Crosby, Fortuna, Noonan, Columbus, Ross, Ambrose, & Arnegard

**P** 16 Pump Stations

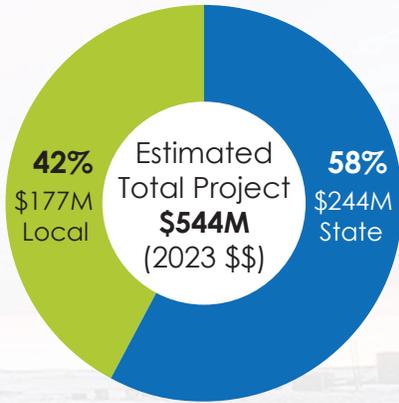
**R** 9 Ground Storage Reservoirs

**4** Water Towers

**1,900+** Miles installed of Rural Distribution & Transmission Pipeline



## HISTORIC FUNDING



**\$177,000,000**  
Loan Total  
to Date (42%)

**\$244,000,000**  
Grant Total  
to Date (58%)

## WAWSA BOARD



- City of Williston
- McKenzie County Water Resource District (MCWRD)
- Northwest Rural Water District (NWRWD)
- R&T Water District
- Burke-Divide-Williams (BDW) Rural Water



## ENTITY CONTRIBUTIONS

Each Member Entity (and many sub-member entities) contributed existing infrastructure such as water plants, transmission lines & water depots  
**(OVER \$100 MILLION IN ASSETS)**  
to WAWSA for the public purpose and good of this project.

## HISTORICAL LEGISLATION

**SB2233** Passed by State Legislature in 2013

### Created Two Water Utilities:

- **Domestic Utility:** Owned and Operated by WAWSA and Member Entities
- **Industrial Utility:** Owned By the State of North Dakota and Operated by WAWSA

= State Assumed **\$238M OF WAWSA DEBTS**

## WHAT'S HAPPENING TODAY?

**SB2020**

- ▶ WAWSA is Requesting **\$43M** from the SWC Budget
- ▶ WAWSA and Member Entities Currently Own \$53M in Domestic Debt
- ▶ State of North Dakota Currently Owns **\$91.2M in Industrial Debt** (Principle Reduced by \$146.8M Since 2013)

## Planning, Engineering, & Construction of:

- P** Pump Stations
- R** Reservoirs
- 400+ New Rural Connections
- Transmission & Distribution Pipelines



Million Gallons Per Day (MGD) of Drinking Water

PLAN INCREASED TO **37 MGD**