

Rural Water Supply Update



Presented By:

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ND Rural Water Systems
Association

SB 2020
Senate Appropriations – E&E Division
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NDRWSA VISION:

**ALL OF NORTH DAKOTA HAS
ACCESS TO AFFORDABLE,
AMPLE, AND QUALITY
WATER.**

QUICK SUMMARIES

- **RURAL & REGIONAL WATER SUMMARY**
- **2021-23 FUNDING SUMMARY**
- **2023-25 FUNDING MAP**
- **2023-25 FUNDING LIST**
- **RW RATES**
- **CITIES NOT SERVED BY RW**

RURAL WATER BACKGROUND

- **RW WAS STARTED IN THE LATE 60's AND EARLY 70's**
 - **LOTS OF \$\$\$ ON THEIR OWN**
 - **FEDERAL LOANS (USDA-RD)**
 - **STATE LOANS**
 - **MID 80's FEDERAL MR&I PROGRAM**
 - **1996 EPA SRF LOAN PROGRAM**
 - **2000 DAKOTA WATER RESOURCES ACT**
 - **EARLY 2010's RESOURCES TRUST FUND**

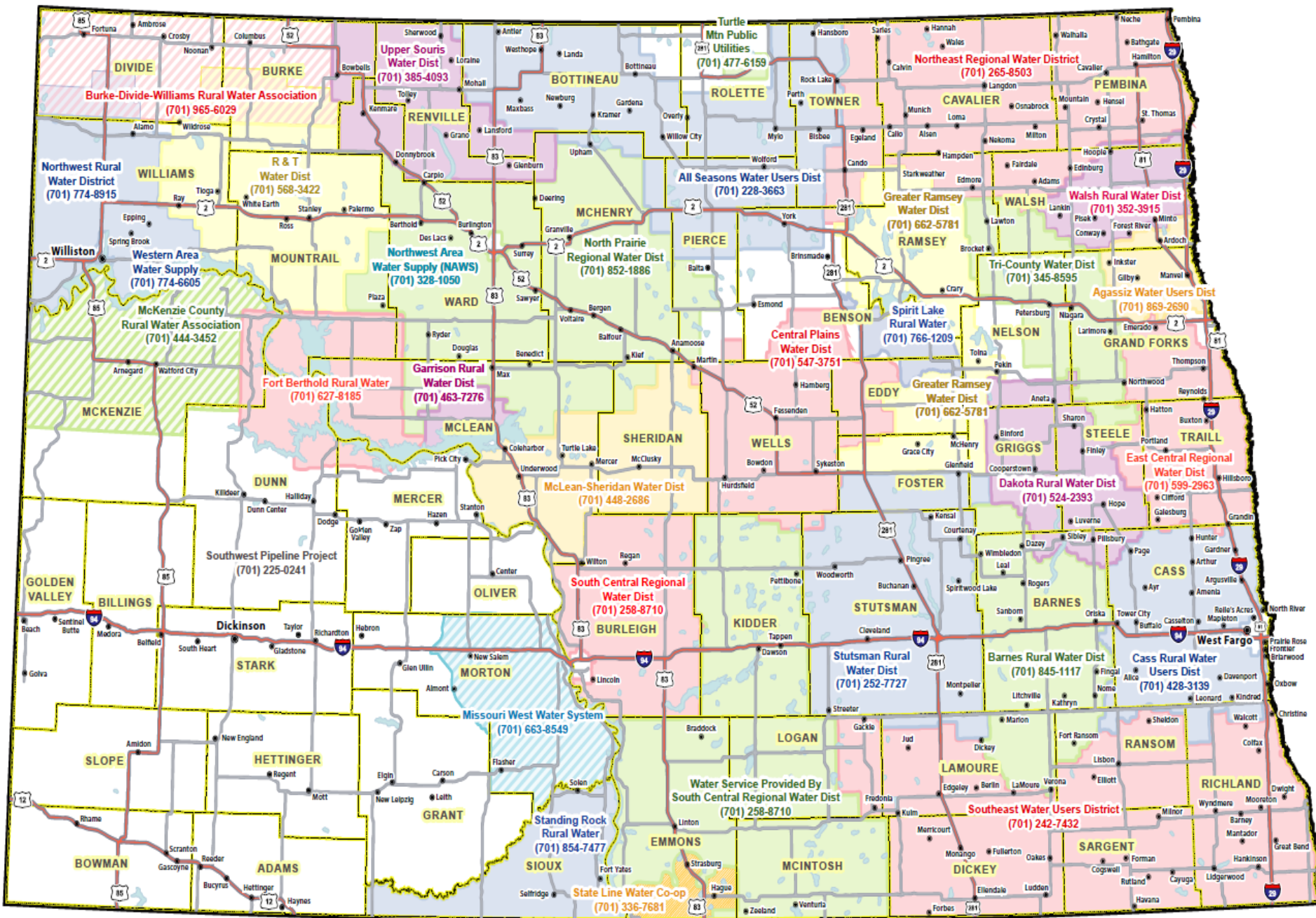
USE OF THE RTF

- **HELPED HOOK-UP CITIZENS OF ND TO AFFORDABLE, AMPLE, AND QUALITY WATER.**
- **IMPROVED FLOW, QUANTITY, AND PRESSURE (AT AN AFFORDABLE RATE) FOR RURAL RESIDENTS AND SMALLER COMMUNITIES.**

SYSTEM SUSTAINABILITY

- **SYSTEMS HAVE USER FEES AND CHARGE ACCORDINGLY**
- **PERFORM ROUTINE REPAIR & REPLACEMENT**
- **UNDERSTAND THAT PROPER RESERVES ARE NECESSARY FOR SYSTEM LONGEVITY**
- **SERVING CITIES, RURAL USERS, THE AG INDUSTRY AND ANYONE ELSE ALONG THE WAY, HELP MAKE IT ALL WORK.**

Incorporated Cities on a Rural or Regional System

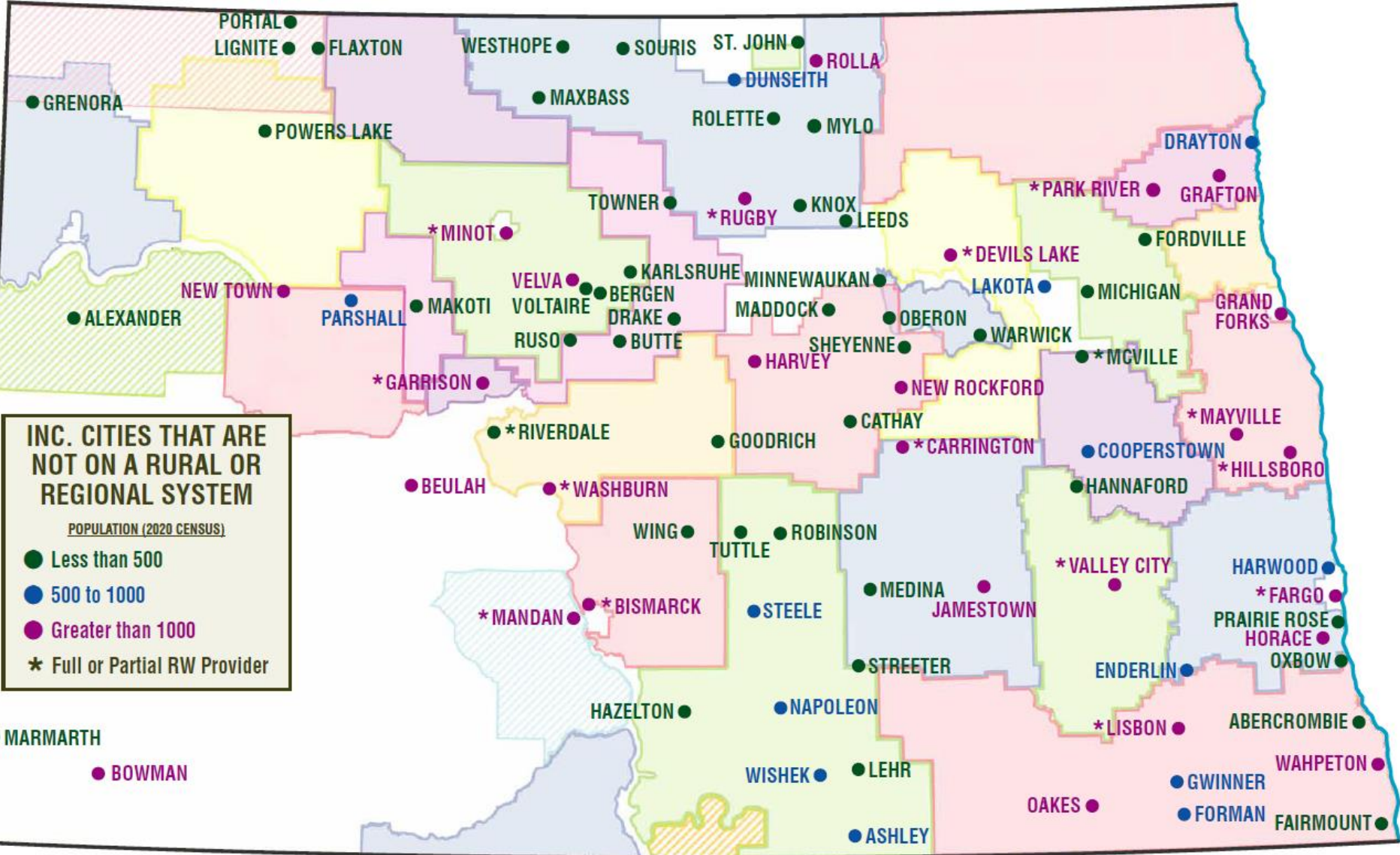


RURAL/REGIONAL WATER ON A STATEWIDE BASIS:

- 💧 Touches Every County in the State
- 💧 Provides Water Service to over 170,000 Rural Residents through over 70,000 Connections
- 💧 Network of 41,000 Miles of Pipe
- 💧 Serves 75% of ND's 355 Inc. Cities
- 💧 Furnishes Water Service to nearly 129,000 Residents in Cities
- 💧 No Taxing Authority
- 💧 Did Not Receive Any Direct Federal Stimulus Dollars*
- 💧 Do Not Have a Prairie Dog Bucket

ND WATER SERVICE DATA

- **355 INC. CITIES**
- **266 ON RURAL/REGIONAL WATER**
 - **108 ARE IND. METERED**
 - **158 ARE SERVED IN BULK**
- **89 CITIES HAVE THEIR OWN SOURCE**
 - **4 FROM OTHER CITIES**
 - **8 FROM IND. WELLS**
 - **77 FROM OWN SOURCE**



SERVICE POPULATION %

- **60% CITIES NOT ON RW**
- **38% ON RW**
 - **RESIDENTIAL**
 - **CITY**
- **1% CENSUS DESIGNATED PLACES NOT ON RW OR COUNTED IN THE CITY #s (AFBs)**
- **1% REMAINING TO SERVE**

21-23 FUNDING RECAP

- **\$59.6M IN THE RW BUCKET**
 - **WAWS IS IN THE WATER SUPPLY BUCKET**
 - **SWPP & NAWS ARE IN THE CAPITAL ASSETS BUCKET**
 - **OTHER RURAL & REGIONAL SYSTEMS**

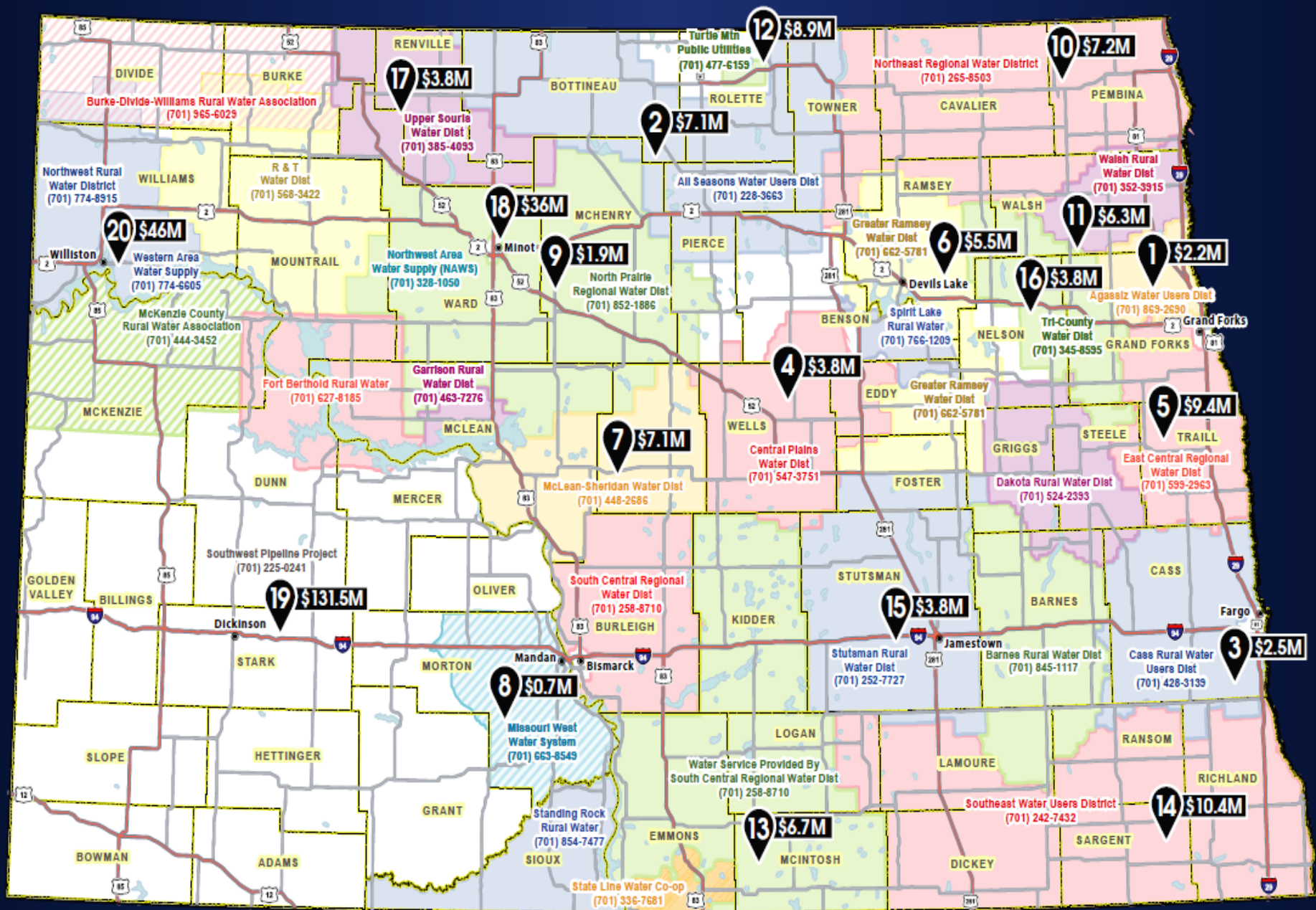
21-23 FUNDING RECAP

- **\$33.5M APPROVED THUS FAR**
- **\$2.2M COMPLETED PROJECTS**
- **\$23.9M REMAINING**
- **\$27.6M IN PROJECTS ARE STILL
PLANNED BEFORE THE END OF THE
BIENNIUM.**
- **\$10.6M HAS BEEN ADDED FROM THE
SFRF.**

23-25 FUNDING NEED

- **\$125M WORTH OF PROJECTS**
- **\$91 M OF GRANT FUNDING IS NEEDED.**

Local Sponsor	Project Name	SWC 23-25 Grant	Local Share	Total Project Cost
Agassiz Water Users District	Reservoir 1 to 3 Transmission Expansion	\$2,150,550	\$716,850	\$2,867,400
All Seasons Water Users District	System 1 Expansion - Phase 2	\$7,125,000	\$2,375,000	\$9,500,000
Cass Rural Water District	County Road 17 Improvements	\$891,675	\$297,225	\$1,188,900
Cass Rural Water District	System Wide Improvements	\$1,575,000	\$525,000	\$2,100,000
Central Plains Water District	Connection to the city of Maddock	\$3,750,000	\$1,250,000	\$5,000,000
East Central Regional Water District	Individual Service to Galesburg	\$1,337,737	\$445,913	\$1,783,650
East Central Regional Water District	Hillsboro WTP Expansion	\$2,124,513	\$708,171	\$2,832,684
East Central Regional Water District	Wellfield, Transmission & User Expansion	\$5,954,906	\$1,984,968	\$7,939,874
Greater Ramsey Water District	North System Capacity Improvements	\$5,521,522	\$1,890,507	\$7,412,029
McLean-Sheridan Rural Water District	Phase 2 WTP Construction	\$4,800,000	\$1,600,000	\$6,400,000
McLean-Sheridan Rural Water District	Phase 3 Expansion	\$2,300,000	\$800,000	\$3,100,000
Missouri West Water System	Fort Abraham Lincoln State Park Improvements	\$744,000	\$248,000	\$992,000
North Prairie Regional Water District	Reservoir 3 to Max Transmission Line	\$1,918,000	\$639,000	\$2,557,000
Northeast Regional Water District	Bulk Cities to Individual Services	\$2,698,986	\$899,662	\$3,598,648
Northeast Regional Water District	WTP and Wellfield Expansion	\$4,500,000	\$1,500,000	\$6,000,000
Northeast, Walsh, Agassiz, Tri-County, & East Central RWDs	Northeast North Dakota Long-Term Groundwater Supply	\$6,255,647	\$2,085,215	\$8,340,862
Rolette County - Turtle Mountain	Highway 43 Reservoir & Pump Station Improvements	\$3,000,000	\$2,000,000	\$5,000,000
Rolette County - Turtle Mountain	Three Mile Road Rural Water Main Replacement	\$1,125,000	\$875,000	\$2,000,000
Rolette County - Turtle Mountain	Highway 3 and BIA 8 Water Main Replacement	\$4,822,500	\$3,607,500	\$8,430,000
South Central Regional Water District	Service to the city of Ashley	\$6,655,440	\$2,218,480	\$8,873,920
Southeast Water Users District	West System Water Treatment Plant Improvements	\$10,350,000	\$3,450,000	\$13,800,000
Stutsman Rural Water District	Raw Water Facilities Improvement	\$3,203,250	\$1,067,750	\$4,271,000
Stutsman Rural Water District	Service to the city of Streeter	\$582,000	\$194,000	\$776,000
Tri-County Water District	Phase 6 Expansion	\$1,350,000	\$450,000	\$1,800,000
Tri-County Water District	Phase 7 Expansion - McVillie Area	\$2,464,500	\$821,500	\$3,286,000
Upper Souris Rural Water District	Improvements & Expansion - Phase 2	\$3,750,000	\$1,250,000	\$5,000,000
	Totals:	\$90,950,226	\$33,899,741	\$124,849,967
Northwest Area Water Supply Project (NAWS)	2023-25 Treatment & Distribution Improvements	\$36,000,000	\$16,200,000	\$77,200,000
Southwest Pipeline Project (SWPP)	2023-25 Treatment & Distribution Improvements	\$131,500,000	\$0	\$131,500,000
Western Area Water Supply (WAWS)	2023-25 Treatment & Distribution Improvements	\$46,000,000	\$24,000,000	\$70,000,000
	Totals:	\$213,500,000	\$40,200,000	\$278,700,000



WHY IS RURAL WATER FUNDING NEEDED?

- **THE GRANT FUNDING ALLOWS THOSE RESIDENTS IN SMALLER COMMUNITIES AND RURAL AREAS TO RECEIVE A BASIC NECESSITY OF LIFE FOR A REASONABLE PRICE.**
- **THOSE RURAL RESIDENTS DO PAY THEIR FAIR SHARE THROUGH HISTORICALLY HIGHER RATES.**

Rural Water System Rates - January 2023

SYSTEM	# of Users	Minimum Cost	\$/1000 Gal.	\$/6000 Gal.	Miles of Pipe
Agassiz Water Users District	1,400	\$27.50	\$8.50	\$78.50	400
All Seasons Water Users District System 1-4	908	\$40.00	\$7.50	\$85.00	
All Seasons Water Users District System 4 Phase 1&2	124	\$48.00	\$7.50	\$93.00	
All Seasons Water Users District System 5	538	\$48.00	\$7.50	\$93.00	1,700
Barnes Rural Water District #1	1,400	\$50.00	\$5.50	\$83.00	
Barnes Rural Water District #2	274	\$60.00	\$6.00	\$96.00	
Barnes Rural Water District #3	350	\$56.00	\$5.50	\$89.00	1,200
Belcourt Public Utilities	3,500	\$20.50	\$5.75	\$55.00	245
Cass Rural Water District	8,017	\$27.00	\$5.40	\$59.40	
Cass Rural Water District - Leonard Project	140	\$40.00	\$5.40	\$72.40	2,400
Central Plains Water District (Old)	790	\$30.00	\$6.50	\$69.00	
Central Plains Water District (New)	340	\$56.00	\$7.25	\$99.50	1,266
Dakota Rural Water District Expansion	1,035	\$53.00	\$6.50	\$92.00	1,200
East Central Regional Water District	2,310	\$40.00	\$7.00	\$82.00	
East Central Regional Water District	2,469	\$60.00	\$7.00	\$102.00	2,200
Fort Berthold Rural Water	2,500	\$25.00	\$5.00	\$55.00	650
Garrison Rural Water District	822	\$62.00	\$8.00	\$110.00	162
Greater Ramsey Water District	1,011	\$35.00	\$5.50	\$68.00	
Greater Ramsey Water District	1,132	\$40.00	\$5.50	\$73.00	
Greater Ramsey Water District	385	\$45.00	\$5.50	\$78.00	1,650
McKenzie County Water Resource District	1,260	\$45.90	\$7.02	\$88.02	1,530
McLean-Sheridan Rural Water District #1	696	\$62.00	\$7.40	\$106.40	
McLean-Sheridan Rural Water District #2	174	\$65.00	\$6.54	\$104.24	
McLean-Sheridan Rural Water District #3	113	\$76.00	\$7.80	\$122.80	700
Missouri West Water System	2,005	\$40.00	\$6.29	\$77.74	650
North Prairie Regional Water District (Existing)		\$54.00	\$9.83	\$112.98	
North Prairie Regional Water District (New)	4,788	\$65.00	\$9.83	\$123.98	2,500
Northeast Regional Water District/Langdon Branch	1,299	\$63.00	\$6.10	\$99.60	
Northeast Regional Water District/North Valley Branch	1,372	\$50.00	\$6.10	\$86.60	2,512
Northwest Rural Water District	2,600	\$45.00	\$8.80	\$97.80	1,200
R&T Water District	825	\$50.00	\$7.70	\$96.20	514
South Central Regional Water District (Includes 500 gals)	6,260	\$34.00	\$7.50	\$75.25	
South Central Regional Water District	1,780	\$40.00	\$6.00	\$76.00	5,000
Southeast Water Users District Central	623	\$50.00	\$5.75	\$84.50	547
Southeast Water Users District Central-New	138	\$55.00	\$5.75	\$89.50	147
Southeast Water Users District East	1,810	\$31.00	\$4.50	\$58.00	1,372
Southeast Water Users District East-New	252	\$55.00	\$4.50	\$82.00	201
Southeast Water Users District West	732	\$50.00	\$3.50	\$71.00	743
Southeast Water Users District West-New	136	\$55.00	\$3.50	\$76.00	166
Southwest Water Authority	7,465	\$55.32	\$6.47	\$94.14	5,260
State Line Water Cooperative (includes 1000 gals)	452	\$40.00	\$6.25	\$71.25	200
Stutsman Rural Water District	1,222	\$43.00	\$5.35	\$75.10	1,100
Stutsman Rural Water District Expansion Project	1,347	\$48.00	\$5.35	\$80.10	1,090
Tri-County Water District	1,200	\$54.00	\$6.00	\$90.00	1,200
Upper Souris Water District	650	\$35.00	\$10.00	\$95.00	600
Walsh Rural Water District R1	1,232	\$36.00	\$7.75	\$82.50	
Walsh Rural Water District R3	155	\$48.00	\$7.75	\$94.50	
Walsh Rural Water District R4	142	\$55.00	\$7.75	\$101.50	700
	70,173				41,005
Median		\$48.00	\$6.38	\$85.80	
Average		\$47.15	\$6.57	\$86.36	
Yearly Average				\$1,036.38	

WHY IS RURAL WATER FUNDING NEEDED?

- **GRANT FUNDING (FEDERAL & STATE) HAS BEEN A SUCCESSFUL MECHANISM FOR PROVIDING AND MAINTAINING WATER SERVICE IN RURAL AREAS.**
- **IN THE MID 1990's, THE SYSTEMS PROVIDED WATER SERVICE TO ABOUT 90,000 RESIDENTS. TODAY, THEY SERVE AROUND 300,000 RESIDENTS.**
- **PROPER FEDERAL AND STATE GRANT FUNDING, 100S OF MILLIONS (MAYBE BILLIONS) OF DOLLARS OF LOANS/OTHER PAY BACKS AND AN IMMENSE AMOUNT OF HARD WORK BY THE SYSTEMS, MAKE THIS ALL POSSIBLE.**

WHY IS RURAL WATER FUNDING NEEDED?

- **RURAL WATER SYSTEMS NEED TO BE PROPERLY DESIGNED TO MEET THE INCREASED DEMANDS OF THE AGRICULTURE INDUSTRY.**
- **IT IS CRITICAL FOR THE SYSTEMS TO CONTINUE HELPING OUR FARMERS AND RANCHERS ECONOMICALLY FEED THE WORLD AND PROVIDE US WITH THE FOOD SECURITY WE SOMETIMES TAKE FOR GRANTED.**

CARRYOVER AUTHORITY

3 ADDITIONAL FTEs

THOUGHTS ON THE RTF

- **ARTICLE X, SECTION 22 OF THE STATE CONSTITUTION SETS UP THE RTF.**
- **RTF MAY BE EXPENDED ONLY PURSUANT TO LEGISLATIVE APPROPRIATION**

OIL EXTRACTION TAX 57-51.1-07

- **ALLOCATION OF MONEYS IN OIL EXTRACTION TAX DEVELOPMENT FUND.**

OIL EXTRACTION TAX 57-51.1-07

- **20% TO RESOURCES TRUST FUND**
 - **+0.5% (AUG. 2019) UNTIL \$128,740,000 IS REACHED**
 - **RENEWABLE ENERGY - \$3M**
 - **ENERGY CONSERVATION - \$1.2M**
- **20% TO COMMON SCHOOLS TRUST FUND AND FOUNDATION AID STABILIZATION FUND**
- **30% TO THE LEGACY FUND**
- **REMAINDER MUST BE ALLOCATED TO THE STATE'S GENERAL FUND.**

OIL EXTRACTION TAX

Gov. 23-25 BUDGET

- **RTF - \$460.1 M**
- **FOUNDATION AID - \$224.4M**
- **COMMON SCHOOLS - \$224.4M**
- **EVERY 1% EQUALS \$22.44M**

THANK YOU!

**Quality
On Tap!**

Our Commitment



Our Profession

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