

State Water Commission Pre-Commission Meeting  
 Bank of North Dakota (SWC Staff Only)  
 1200 Memorial Hwy., Bismarck, ND  
 Thursday, January 23, 2025 – 1:00 p.m. CT

**A QUORUM OF THE COMMISSION MAY BE PRESENT**

Microsoft Teams Meeting

[Join the meeting now](#)

Meeting ID: 288 661 594 166

Passcode: TsKNbP

Dial in by phone

[+1 701-328-0950,,761196050#](#) United States, Fargo

Phone conference ID: 761 196 050#

**AGENDA**

- |             |  |   |                 |
|-------------|--|---|-----------------|
| 1:00 – 1:03 | A. Roll Call/Pledge of Allegiance                              |   |                 |
| 1:03 – 1:07 | B. SWC Secretary Update ( <b>no attachment</b> )               |   |                 |
| 1:07 – 1:15 | C. Southwest Pipeline Project (SWPP) ( <b>Justin Froseth</b> ) |   |                 |
|             | 1. Replacement of Capital Projects-Review/Approval Procedure   |   |                 |
| 1:15 – 1:25 | D. Drainage Cost-Share Increase Request ( <b>Pat Fridgen</b> ) |   |                 |
| 1:25 – 1:30 | E. Flood Control   |   |                 |
|             | 1. Grand Forks   | South End Interior Flood Master Planning-Ph.2 | \$179,062 CI    |
| 1:30 – 1:35 | F. General Water ( <b>Abigail Franklund</b> )                  |   |                 |
|             | 1. Logan County  | Irrigation District Feasibility Study         | \$150,000 PC    |
| 1:35 – 2:00 | G. Water Supply (Municipal/Regional) ( <b>Julie Prescott</b> ) |   |                 |
|             | 1. City of Bowman  | New Water Storage Reservoir                   | \$132,000 PC    |
|             | 2. City of Beach   | Street and Utility Improvements               | \$3,476,097 C   |
|             | 3. City of New Town  | Utility Improvements Phase 2                  | \$3,120,949 C   |
|             | 4. City of Medora  | New Water Storage                             | \$63,000 Intent |
|             | 5. WAWSA   | MCWRD Phase 2 Transmission Line               | \$3,343,802 CI  |
| 2:00 – 2:20 | H. Water Supply (Rural) ( <b>Julie Prescott</b> )              |   |                 |
|             | 1. All Seasons WUD   | Bottineau County Expansion                    | \$180,000 PC    |
|             | 2. South Central RWD   | Service to Napoleon                           | \$289,500 PC    |
|             | 3. Fort Berthold Rural Water                                   | 4 Bears WTP, Intake, and Raw Water Line       | \$3,750,000 C   |
|             | 4. Greater Ramsey WD   | 2024 User Expansion                           | \$7,476,752 C   |
|             | I. Adjourn   |   |                 |

- PC Pre-Construction
- C Construction
- L Legislative
- CI Cost Increase
- O Other

January 8, 2025

Sindhu S.Pillai-Grinolds, Water Development Director  
Department of Water Resources  
1200 Memorial Hwy  
Bismarck, ND 58504

Request for Review of Procedures for Capital Replacement Projects

Dear Sindhu,

I am writing on behalf of the Southwest Water Authority (SWA) to request a review and clarification of the procedures necessary to move forward with Capital Replacement Projects in alignment with the State Water Commission's motion from August 2022. This motion, following an extensive analysis of the Replacement and Extraordinary Maintenance (REM) Fund, determined that Southwest Pipeline Project's (SWPP) REM fund will provide 100% of the Extraordinary Maintenance expenses and a portion of the replacement expenses for Capital Projects. However, the specific steps required to implement Capital Replacement Projects under this directive remain undefined.

On January 6, 2025, the SWA Board of Directors authorized the design engineering and construction phase services for the replacement of approximately 2,400 feet of Ductile Iron Pipeline on Contract 2-2C near Dodge, ND. This replacement is necessitated by Microbiologically Induced Corrosion and involves a particularly challenging segment of the SWPP Raw Water Line due to extensive groundwater and difficult construction logistics. Before expenses incur under this specific authorization, it is necessary to determine how the project will be funded.

The Raw Water Implementation Plan highlighted the future need for parallel pipelines to achieve the full capacity of 18 MGD at the Southwest Water Treatment Plant. Given the logistical challenges associated with replacing the existing Ductile Iron Pipeline in this area, we believe this mainline replacement should be looked at in conjunction with raw water implementation plan to determine if there is a financial benefit to upgrading this pipeline instead of replacing it. The request is to consider the cost of the upsizing of the main transmission pipeline a capital improvement project which is anticipated to be a value compared to a second parallel pipeline.

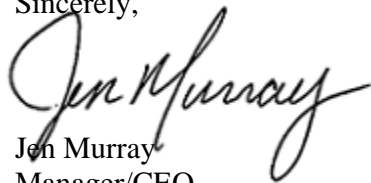
To ensure the project aligns with the SWC approved use of the REM fund for a portion of Capital Projects and facilitates future operational efficiency, we seek guidance on the appropriate channels or procedures to:

1. Obtain project approval under the Capital Replacement framework.
2. Confirm eligibility for Capital Assets funding for replacement and the proposed upsized pipeline.
3. Define any additional requirements for compliance with the State Water Commission's directives.



We appreciate your assistance in clarifying the necessary steps to move forward and ensure that SWPP's Capital Replacement Projects are executed effectively and in accordance with SWC guidelines.

Sincerely,

A handwritten signature in black ink, appearing to read "Jen Murray". The signature is fluid and cursive, written over the printed name.

Jen Murray  
Manager/CEO  
Southwest Water Authority

Copy: Justin Froseth, Southwest Pipeline Project Manager, DWR

North Dakota  
Water Resource  
Districts Association

JACK P. DWYER, EXECUTIVE SECRETARY  
701-730-5469 (c) • jack@ndwaterlaw.com  
P.O. Box 2254 • Bismarck, North Dakota 58502  
701-223-4615 (o) • staff@ndwater.net

D

January 3, 2025

State Water Commission  
1200 Memorial Highway  
Bismarck, ND 58504

Governor Armstrong, Commissioner Goehring and State Water Commissioners,

The Water Resource Districts Association (WRDA) is formally requesting an increase in the cost share percentage for conveyance projects from the current 45% to 75%. Further we would ask that the Commission make a final decision on this request by the April 2025 meeting so there is certainty as we move into the 2025 construction season.

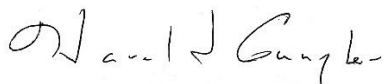
As you are aware, conveyance projects are critical for the effective management and distribution of our water resources. These projects not only play a vital role in flood control but also are critical for agriculture production and protection of infrastructure. However, the financial burden associated with these projects has become increasingly challenging for landowners and water boards to manage.

While we are grateful for the financial support provided by the state for these important projects, the current cost share percentage puts a significant burden on local private landowners to support infrastructure that provide both private and public benefits. By increasing the cost share percentage to 75%, the State Water Commission would provide much-needed financial support, enabling water boards to maintain and improve these important pieces of water infrastructure.

In conjunction with this request, the WRDA is actively working with legislatures during the 2025 session to ensure there are adequate dollars for the 2025-2027 biennium to support these important projects under a higher cost share percentage.

Thank you for your consideration. Please reach out to Jack Dwyer, Executive Secretary, at [jack@ndwaterlaw.com](mailto:jack@ndwaterlaw.com) with any questions.

Sincerely,



Harold Gaugler  
President  
Water Resource Districts Association

Water Development Plan: 2025  
Priority: High



# 1084504 - South End Interior Flood Protection Master Planning - Increase (Phase 2 Amendment)

## Application Details

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<b>Funding Opportunity:</b>	1084196-October 2024 - June 2025 Infrastructure Request	<b>Initial Submit Date:</b>	Dec 30, 2024 10:15 AM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2025 3:00 PM	<b>Initially Submitted By:</b>	Abby Ritz
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

<b>Active User*:</b>	Yes
<b>Type:</b>	External User
<b>Name:</b>	Mr. Edward Liberman
	Salutation First Name Middle Name Last Name
<b>Title:</b>	Assistant City Engineer
<b>Email*:</b>	eliberman@grandforksgov.com
<b>Address*:</b>	255 N. 4th St.

### Organization Information

<b>Status*:</b>	Approved
<b>Name*:</b>	City of Grand Forks
<b>Organization Type*:</b>	Political Subdivision
<b>Tax Id:</b>	45-6002085
<b>Organization Website:</b>	https://www.grandforksgov.com/
<b>Address*:</b>	255 North 4th Street

	Grand Forks North Dakota	Grand Forks North Dakota	
	City State/Province	City State/Province	
58206		58203-_____	
Postal Code/Zip		Postal Code/Zip	
<b>Phone*:</b>	701-746-2644 Ext.	<b>Phone*:</b>	(701) 738-8746 Ext.
	Phone		###-###-####
	###-###-####	<b>Fax:</b>	###-###-####
<b>Fax:</b>	###-###-####	<b>Vendor ID:</b>	
<b>Comments:</b>		<b>PeopleSoft Supplier ID:</b>	0000003350
		<b>Comments:</b>	
		<b>Location Code:</b>	ALL

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** South End Interior Flood Protection Master Planning

**Sponsor(s)\*:** City of Grand Forks

**County\*:** Grand Forks

**City\*:** Grand Forks

**Description of Request\*:** Updated (previously submitted)

**If Study, What Type:** Hydrologic

**If Project/Program, What Type:**

**Jurisdictions/Stakeholders Involved\*:**  
City of Grand Forks, Grand Forks County

**Describe the Problem\*:**

Following the 1997 flood, USACE, the State of ND, and the City constructed an extensive flood protection system for Grand Forks. Following construction, USACE and FEMA prepared a Letter of Map

Revision to reflect the improvements. Since the LOMR approval, recent analysis shows many of the original assumptions/analysis no longer represent the best available information, potentially putting existing areas at a higher risk or flooding than FEMA mapping currently indicates.

**Provide Project Details, Objectives and Solutions to Address Problem\*:**

This request is to fund Phase 2 of the drainage study to look at English Coulee (EC)/Legal Drain 9 (LD9) watershed areas. The amendment to the study scope is meant to progress the project towards final recommendations by further evaluating the following:

The preliminary analysis on the EC/LD9 is now nearly completed. The preliminary analysis has shown that the EC through town and the LD9 area west of I-29 act independently enough that they will need to be analyzed as two separate systems for mitigation techniques. This was not anticipated in the original task order scopes and is now included in the proposed scope amendment. The next stage will be alternative evaluation and recommendations.

For this project,

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\*** 59166

For this project,

**What is the Benefited Population?\*** 59166

**Have Assessment Districts Been Formed?\*** N/A

**Have Land or Easements Been Acquired?\*** N/A

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\*** No

**Have You Applied For Any Federal Permits?\*** No

**Have You Applied for any State Permits?\***: No

**Have You Applied for any Local Permits?\***: No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
 (Example: Hazard Mitigation Grant Program)  
 \*:

**Implementation Timelines**

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: 06/2025

**Design Completion\***: 00/0000

**Bid\***: 00/0000

**Construction Start\***: 00/0000

**Construction Completion\***: 00/0000

**Explain Additional Timeline Issues\***:

No timeline issues anticipated at this time.

**Consulting Engineer\***: Shawn Gaddie

**Engineer Telephone Number\***: 701-746-8087

**Engineer Email\***: shawn.gaddie@ae2s.com

***Certification (Must Be Completed by Project Sponsor)***

**Submitted by\*:** Edward Liberman 12/19/2024  
First Name Last Name Date

**Address\*:** 255 N 4th Street  
Address Line 1  
Address Line 2  
Grand Forks North Dakota 58206-5200  
City State Zip Code

**Telephone Number\*:** 701-746-2644

**Sponsor Email\*:** eliberman@grandforksgov.com

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:** Edward Liberman 12/19/2024  
First Name Last Name Date

**Title/Position/Authority\*:** Assistant City Engineer

## Documentation

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### *Documentation*



**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** Yes

CLICK HERE to see examples.

**Project Specific Map** Grand Forks South End - Project Location Map.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking SRF or IRLF Funding?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** Grand Forks South End - Draft Meeting Minutes.pdf

**Cover Letter:** Grand Forks South End - Signed Cover Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** Grand Forks South End - Delineation of Cost 24.12.19.xlsx

**Type of Request:** Preconstruction

**Water Supply Projects?:** No

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No

**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

**Sovereign Land Permit, if Required:**

**DWR Construction Permit, if Required:**

**Conditional Letter of Map Revision (CLOMR), if Required:**

**Feasibility/Engineering Study for the Proposed Project:** No

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable Document(s):** No

## Sources

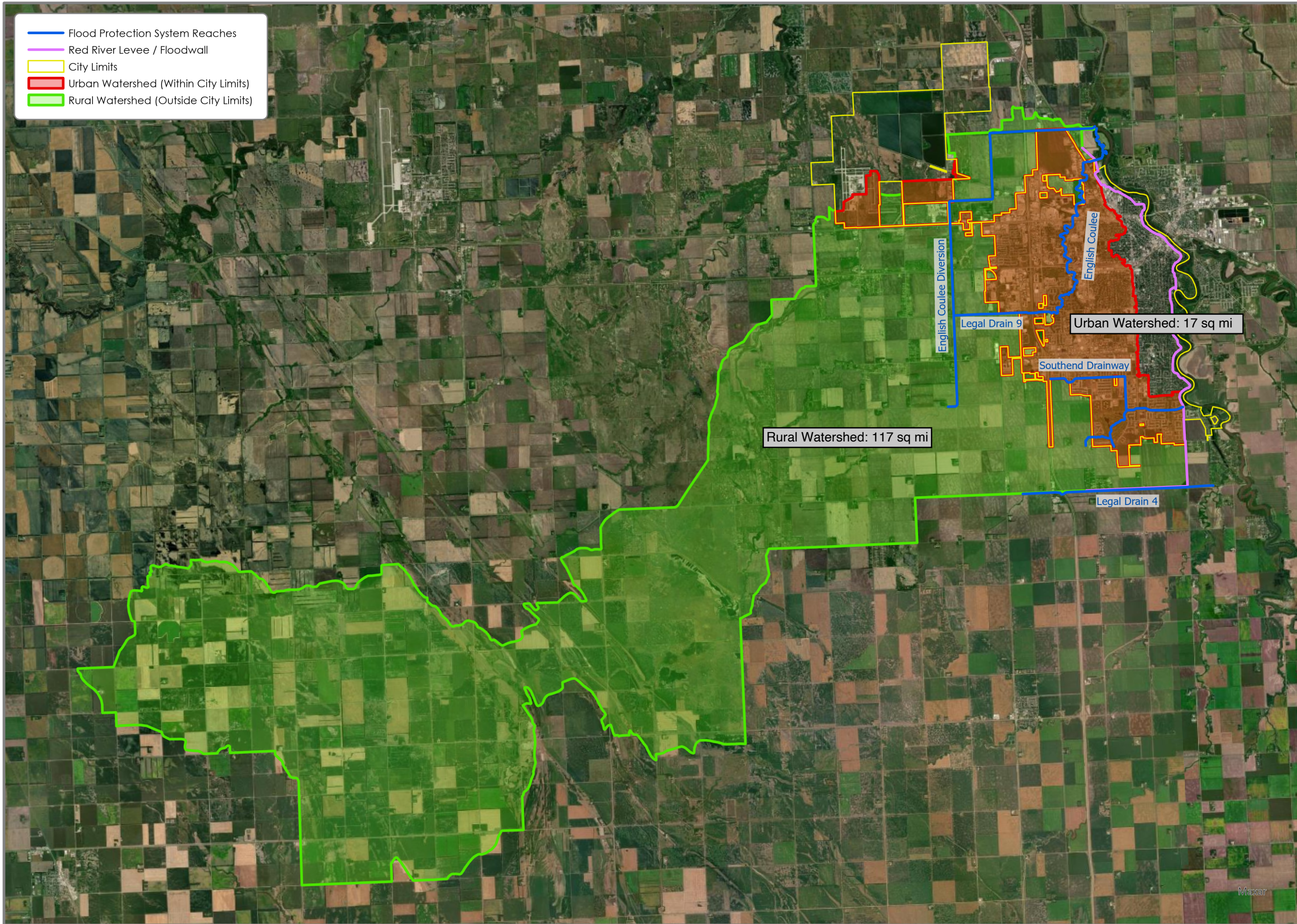
***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Pre-Construction		Already Approved	\$221,243.00	\$221,243.00	\$0.00	\$442,486.00		0.00	0.00
Department of Water Resources		Current Request	\$0.00	\$179,751.00	\$0.00	\$179,751.00		0.00	0.00

Cost Share  
Pre-  
Construction

Other	Cash Reserves	\$405,524.00	\$164,599.00	\$0.00	\$570,123.00	0.00	0.00
		<b>\$626,767.00</b>	<b>\$565,593.00</b>	<b>\$0.00</b>	<b>\$1,192,360.00</b>		





N  
 11,000  
 Feet  
 1 inch equals 11,000 feet



Locator Map Not to Scale

City of Grand Forks  
 Grand Forks County, ND

Figure 1  
**TOTAL WATERSHED  
 AREA BREAKDOWN**

SOUTH END INTERIOR  
 FLOOD PROTECTION  
 MASTER PLANNING

Date: 2/1/2023



Information depicted may include data unverified by AE2S. Any reliance upon such data is at the user's own risk. AE2S 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: CEwards | C:\Users\CEwards\OneDrive - AE2S\Documents\Projects\GF\_SED\_Updates\Figures\_Pro\GF\_SED\_Figures.aprx | Kickoff





**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61801 (7/2024)

DWR Date Received : December 30, 2024

<b>Project:</b>	South End Interior Flood Protection Master Planning - Increase
<b>Sponsor:</b>	City of Grand Forks
<b>Contact:</b>	Todd Feland, City Administrator
<b>Phone:</b>	701-787-3735
<b>Engineer:</b>	Shawn Gaddie, AE2S
<b>Phone:</b>	701-746-8087

<b>Total Cost :</b>	\$ 1,192,360	<b>Date:</b>	December 19, 2024
<b>Ineligible Cost :</b>	\$ 155,300		
<b>Eligible Cost :</b>	\$ 1,037,061		
<b>Local Cost :</b>	\$ 570,124		
		<b>Cost-Share \$</b>	\$ 622,236
		<b>Preconstruction :</b>	\$ 622,236
		<b>Construction :</b>	\$ -

<b>Project Type:</b>	Flood Protection	<b>Cost-share %</b>	60%
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Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	#DIV/0!	Mobilization	1	LS	-	-	60%	\$ -
2	#DIV/0!	Bonding	0		-	-	60%	\$ -
3	#DIV/0!	Insurance	0		-	-	60%	\$ -
4	#DIV/0!		0		-	-	60%	\$ -
5	#DIV/0!		0		-	-	60%	\$ -
6	#DIV/0!		0		-	-	60%	\$ -
7	#DIV/0!		0		-	-	60%	\$ -
8	#DIV/0!		0		-	-	60%	\$ -
9	#DIV/0!		0		-	-	60%	\$ -
10	#DIV/0!		0		-	-	60%	\$ -
11	#DIV/0!		0		-	-	60%	\$ -
12	#DIV/0!		0		-	-	60%	\$ -
13	#DIV/0!		0		-	-	60%	\$ -
14	#DIV/0!		0		-	-	60%	\$ -
15	#DIV/0!		0		-	-	60%	\$ -
16	#DIV/0!		0		-	-	60%	\$ -
17	#DIV/0!		0		-	-	60%	\$ -
18	#DIV/0!		0		-	-	60%	\$ -
19	#DIV/0!		0		-	-	60%	\$ -
20	#DIV/0!		0		-	-	60%	\$ -
21	#DIV/0!		0		-	-	60%	\$ -
22	#DIV/0!		0		-	-	60%	\$ -
23	#DIV/0!		0		-	-	60%	\$ -
24	#DIV/0!		0		-	-	60%	\$ -
25	#DIV/0!		0		-	-	60%	\$ -
26	#DIV/0!		0		-	-	60%	\$ -
		<b>Construction Sub-Total</b>				\$ -	60%	\$ -
	0.0%	<b>Contingency</b>				\$ -	60%	\$ -
	0.0%	<b>Construction Total</b>				\$ -	60%	\$ -
<b>Preconstruction Costs</b>								
27	#DIV/0!	Hydraulic Models - Rural Share (Previous)	1	LS	737,476.00	\$ 737,476	60%	\$ 442,486
28	#DIV/0!	Hydraulic Models - Rural Share	1	LS	299,584.50	\$ 299,585	60%	\$ 179,751
29	#DIV/0!		0		-	-	60%	\$ -
30	#DIV/0!		0		-	-	60%	\$ -
31	#DIV/0!		0		-	-	60%	\$ -
	87.0%	<b>Preconstruction Total</b>				\$ 1,037,061	60%	\$ 622,236
<b>Construction Engineering Costs</b>								
32	#DIV/0!		0		-	-	60%	\$ -
33	#DIV/0!		0		-	-	60%	\$ -
34	#DIV/0!		0		-	-	60%	\$ -
35	#DIV/0!		0		-	-	60%	\$ -
36	#DIV/0!		0		-	-	60%	\$ -
	0.0%	<b>Construction Engineering Total</b>				\$ -	60%	\$ -
<b>Other Eligible Costs</b>								
37	0.0%		0		-	-	60%	\$ -
38	0.0%		0		-	-	60%	\$ -
39	0.0%		0		-	-	60%	\$ -
40	0.0%		0		-	-	60%	\$ -
41	0.0%		0		-	-	60%	\$ -
	0.0%	<b>Other Eligible Total</b>				\$ -	60%	\$ -
<b>In-eligible Costs</b>								
42	9.3%	Hydrolic Models - Municipal Share (Previous)	1	LS	110,534.00	\$ 110,534	0%	\$ -
43	3.8%	Hydrolic Models - Municipal Share	1	LS	44,765.50	\$ 44,766	0%	\$ -
44	0.0%		0		-	-	0%	\$ -
45	0.0%		0		-	-	0%	\$ -
	13.0%	<b>Other Ineligible Total</b>				\$ 155,300	0%	\$ -
	100.0%	<b>Total</b>				\$ 1,192,360		
		<b>Eligible Total</b>				\$ 1,037,061	60%	\$ 622,236
		<b>Federal or State Funds That Supplant Costs</b>				\$ -		
		<b>Eligible Cost Total</b>				\$ 1,037,061	60%	\$ 622,236

\$1,192,360 new total project cost  
 X 52% modified cost-share  
 \$620,027 cost-share  
 - \$296,670 previously approved 4/13/23  
 - \$144,295 previously approved 2/8/24  
 \$179,062 additional cost-share requested

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.

255 N. 4th St.  
PO Box 5200  
Grand Forks, ND 58206-5200



ENGINEERING  
DEPARTMENT  
(701) 746-2640  
Fax# (701) 787-3744

December 30, 2024

Ms. Andrea Travnicek, Ph.D.  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck ND 58504-5262

**Re: Grand Forks South End Interior Flood Protection Master Planning  
Preconstruction Cost Share Request for Increase and Scope Expansion**

Dear Ms. Travnicek:

The City of Grand Forks appreciates the support and partnership demonstrated by the North Dakota State Water Commission (NDSWC) in addressing flood protection for our growing city. This letter represents an update and an additional request related to our South End Interior Flood Protection Master Planning effort. The NDSWC approved \$296,670.00 in cost-share at its April 13, 2023 meeting and an amendment and cost-share increase of \$144,295 on February 8, 2024.

The primary objectives for the proposed South End Interior Flood Protection Master Plan are unchanged and shared below:

- Update existing and outdated flood protection hydrology and hydraulics models to evaluate potential deficiencies of existing drainage/flood control.
- Determine existing conditions flood risk for a range of runoff severity.
- Evaluate alternatives including operational protocol changes, conveyance improvements (such as culverts, drainage ditches, and pumps), storage improvements, and policy changes that would reduce flood risk to acceptable levels within the flood protection area.
- Select a preferred overall flood protection master plan that balances costs and benefits.

Phase 2 was approved for the South End Drainway and Legal Drain 4 watershed areas in December 2023. This work is now nearing completion and we are happy to report we have ultimately landed on recommendations that provide significant cost-avoidance measures over originally expected planning outcomes. At the onset of the master planning it was believed that improvements could exceed \$40M if secondary outlets were required including the potential to pump South End Drainway flows to Legal Drain 4. This is now not the case and the City is proceeding with more modest existing storage expansions and revised future development standards to work their way out of identified problems in the South End Drainway watershed area.

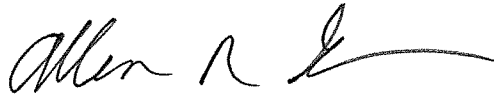
Moving forward with the current request, the City intends to build upon the preliminary analysis completed for the Legal Drain 9 and English Coulee watershed areas. Similar to the South End Drainway watershed, the plan is to proceed toward final master plan recommendations for these watershed areas west of Interstate 29.

Project costs for this amendment are estimated at \$344,350. At a 60% cost-share for flood control projects, full request for this phase is \$206,610. As with the project's previous two requests, we anticipate a ratio based on the urban versus rural watershed areas of the source flooding would be applied to the request as described in section 3.14.i of the current cost share policy. Therefore, the request would be for 87% of \$206,610.00, or \$179,751.00.

The City of Grand Forks is truly appreciative of the support provided by the NDSWC and the North Dakota Department of Water Resources in the past. Thank you for your consideration of this cost share request. We look forward to working with you to provide updated and continued flood protection for Grand Forks and the surrounding areas.

If you have any questions, please do not hesitate to contact me at 701-739-3979 or Shawn Gaddie with Advanced Engineering and Environmental Services, Inc. at 701-866-3639.

Sincerely,

A handwritten signature in black ink, appearing to read "Allen R. Grasser", with a long horizontal flourish extending to the right.

Allen R. Grasser, PE  
City Engineer

CC: Shawn Gaddie, AE2S, Grand Forks, ND



December 16, 2024

**PROCEEDINGS OF THE CITY COUNCIL  
OF THE CITY OF GRAND FORKS, NORTH DAKOTA  
December 16, 2024**

The city council of the city of Grand Forks, North Dakota met in Council Chambers on Monday, December 16, 2024, 5:30 p.m. with Mayor Bochenski presiding. Present at roll call were Council Members Weigel, Osowski, Berg, Lunski, Fridolfs, Sande and Vein - 7; absent: Council Members None.

Pledge of Allegiance was led by Mayor and City Council.

Mayor Bochenski commented on various items: City of Grand Forks was awarded the Main Street Initiative Award related to economic development particularly due to the efforts that have taken place downtown and Police Department Awards Ceremony was held last week and recognized deserving individuals for their service, including Police Canine Riot who will be retiring on December 31, 2024 after 8 years of service.

**PUBLIC HEARINGS AND SECOND READINGS OF ORDINANCES**

1) Held a public hearing, with no comments received, on adoption of Ordinance 4902, amending City Code Section 10-0206 relating to the sale of unclaimed motor vehicles. Motion by Council Member Osowski, second by Council Member Weigel to approve. Motion carried unanimously.

2) Held a public hearing, with no comments received, on adoption of Ordinance No. 4898 amending City Code Sections 18-0208(9), 18-0209(9), 18-0210(9), 18-0211(9) and 18-0213(9) relating to R-1, R-2, R03, R-4 and R-M setbacks. Motion by Council Member Fridolfs and Lunski to approve. Motion carried unanimously.

3) Held a public hearing, with no comments received, on adoption of Ordinance No. 4899 amending City Code Section 18-0305(4) relating to residential accessory buildings. Motion by Council Member Osowski, second by Council Member Sande to approve. Motion carried unanimously.

4) Held a public hearing, with no comments received, on adoption of Ordinance No. 4900 dedicating rights-of-way on the plat of Lan King Addition, located at 2500-2600 N Washington St, and final approval of the plat. Motion by Council Member Osowski, second by Council Member Berg to approve. Motion carried unanimously.

5) Held a public hearing, with no comments received, on adoption of Ordinance No. 4901 amending the zoning map, rezoning from A-1 Agricultural Preservation to I-2 Heavy Industrial, for Lots 1 & 2, Block 1, Lawn King Addition, located at 2500-2600 N Washington St. Motion by Council Member Fridolfs, second by Council Member Osowski to approve. Motion carried unanimously.

6) Held a public hearing, with no comments or protests received, on adoption of a resolution declaring an insufficiency of protest relating to a Resolution of Necessity for Project No. 8333, District No. 226, Street Lighting for 4<sup>th</sup> Ave S (Cottonwood St to S 3<sup>rd</sup> St) and Lincoln Dr (Belmont Rd to Floodwall). Motion by Council Member Osowski, second by Council Member Sande to adopt the resolution. Motion passed unanimously.

**ACTION ITEMS CONSENT AGENDA**

Council Member Osowski moved and Council Member Berg seconded to approve the following items on consent agenda, with the motion passing unanimously.

December 16, 2024

- 1) Approved an extension of time to June 30, 2025 to transfer or begin operating the Class 4 Alcoholic Beverage License held by BGF, Inc, previously doing business as Vinyl Taco.
- 2) Approved an extension of time to June 30, 2025 to transfer or begin operating the Class 4 Alcoholic Beverage License held by GM Grand Forks, LLC, previously doing business as Crooked Pint and Ale House.
- 3) Approved appointment to the Planning and Zoning Commission of Derek Holt and reappointment of Andrew Budke for five year terms, expiring December 16, 2029.
- 4) Approved reappointment of Monica Musich to a three year term, expiring December 31, 2027 on the Convention and Visitors Bureau.
- 5) Approved Budget Amendments for various matters:
  - a. Defined Benefit Pension Plan: Additional \$200,000 contribution to the plan funded from sales tax collections that were higher than budgeted amount.
  - b. Public Health Department Grant, Ryan White Grant: \$81,664 to equalize City and State Budget Years for 2024 and 2025
  - c. Water Works Department: Project 8812, Advanced Metering Infrastructure System and Meter Replacement, \$980,000 due to project timing and will result in less expenditures in 2025.
  - d. Police Department: Overtime \$110,989.31 for reimbursed overtime from security services at Franklin on 4<sup>th</sup> construction site.
  - e. Municipal Infrastructure (Prairie Dog) Funds: \$2,500,000, due to timing of receipt of funds anticipated in 2025, but received in 2024.
- 6) Adopt resolution awarding the contract for Project No. 8833, District No. 226, to Sun Electric Inc in the amount of \$230,975.
- 7) Approved pre-purchase of materials for Project No. 8809, Upgrade of Lift Stations 24 & 27 from Electric Pump LLC in the amount of \$107,990.00. Items to be purchased are a vertical dry installed pump and corresponding variable frequency drive.
- 8) Adopted resolution awarding the contract for Project No. 8265.2, District No. 598.0, to Taggart Contracting, Inc. in the amount of \$3,934,233.
- 9) Approved a six month extension to June 30, 2025 for the Letter of Intent relating to Industrial Water Supply and Discharge Permitting for the Northern Plains Nitrogen LLP project.
- 10) Received an update on the Red River Valley Water Supply Project including the Assurance Policy and Approved the following Agreements: Memorandum of Commitment, Interim Financing Agreement Series D Small Systems Amendment, and Interim Financing Agreement Series E, all subject to final review and approval of the City Attorney.
- 11) Gave preliminary approval of the plat of Danks Fourth Resubdivision, located at 1600 S 42<sup>nd</sup> St., subject to the conditions shown on or attached to the review copy.
- 12) Introduced and gave preliminary approval of an ordinance amending the Cable Services Regulatory Ordinance and Midcontinent Communications Franchise Agreement Amendment.

#### ACTION ITEMS PULLED FOR DISCUSSION

1) Considered a budget amendment related to collections of lodging tax estimated to be in the amount of \$150,000 to \$200,000, more than budgeted amount included in the 2024 city budget and transfer of funds to the Convention and Visitors Bureau. The strong collections point to a continued rebound from the COVID impact and are back to a level as seen in 2014. This amount is still within the amount budgeted by the CVB, who prepares their budget later in the year than the timeline required for City budget preparation, therefore providing a better prediction of collections. Julie Rygg, Executive Director of CVB, provided information on uses of the lodging tax that they receive and planned uses for 2025, including adding back a staff member that was cut with the decrease in collections due to COVID impacts. This staff person would be utilized in marketing for the new Altru Sports Complex and specifically to assist groups with drawing tournaments and events to the Complex. This work would be in cooperation with the Park District

December 16, 2024

and the various user groups for the facility. Discussion on other potential use of some of the funds for capital items, which would be allowed under the stipulated uses, including toward the Greenway project was discussed.

Council Member Osowski moved to retain 0.5% of the lodging tax and use it toward the local match for the Greenway capital improvement project. Council Member Weigel seconded the motion. Discussion continued on the proposal, that youth sports is a large industry and can have economic impact for the community, many youth sports groups are staffed by volunteers and don't have the time or expertise to work on bids for hosting events in the community; timing for a shift in usage of funds could be something to discuss further, but should have more discussion so that both the city and CVB could plan for changes in revenue; and for future years, CVB will work with Finance Department on budgeting and projections. Upon call for the question, the motion failed 1-6, with only Council Member Osowski voting in the affirmative.

Council Member Sande moved and Council Member Lunski seconded to approve the budget amendment as presented. Motion carried 6-1, with Council Member Osowski dissenting.

2) Considered a Task Order Amendment 2 with AE2S in the amount of \$344,350 for Project No. 8567.01, South End Interior Flood Protection Master Plan, with Al Grasser, City Engineer, providing information to City Council on the project and scope change due to information relating to functioning of South End Drainway, English Coulee/Legal Drain 9, and Legal Drain 4, Department of Water Resources Policy and submitting the application to the State Water Commission cost sharing, and also requested approval of any necessary budget amendments. Staff is proposing to request 50% state reimbursement on the project. Council Member Osowski moved and Council Member Fridolfs seconded to approve. Motion carried unanimously.

#### INFORMATIONAL ITEMS

The following informational items were presented to City Council for their review: Statement of Changes in Cash Balances as of October 31, 2024; Investment Portfolio Management Summary as of November 30, 2024; and 2025 Salary Plan Addendum.

#### APPROVE BILL LISTING AND ENGINEERS ESTIMATE

Vendor list 24-24, dated December 16, 2024, in the amount of \$1,945,164.11 and Engineers Estimates dated December 16, 2024 in the amount of \$674,470.57 was presented. It was moved by Council Member Osowski and seconded by Council Member Lunski to approve. Motion passed unanimously.

#### APPROVE MINUTES

Minutes from the December 2, 2024, City Council meeting was presented. It was moved by Council Member Osowski and seconded by Council Member Weigel to approve. Motion passed unanimously.

#### CITIZEN COMMENTS – GENERAL

Dennis Denault, 1319 University Avenue addressed the City Council.

#### MAYOR AND COUNCIL MEMBER COMMENTS

Council Member Berg commented on recent experience with PSAP and Fire Department to an event and the support and response was great.

December 16, 2024

Council Member Sande commented on traffic flow after the recent event held at the Fargodome, which were similar to some that have happened in our community.

Council Members and the Mayor expressed comments of appreciation to staff and wished all a Merry Christmas.

ADJOURNMENT

Motion by Council Member Lunski and second by Council Member Weigel to adjourn the meeting at 6:20 p.m. Motion passed unanimously.

Respectfully submitted,

Maureen Storstad  
City Auditor

Approved:

Brandon Bochenski, Mayor



Water Development Plan: No

# 1084549 - Logan County Irrigation District Feasibility Study

## Application Details

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<b>Funding Opportunity:</b>	1084196-October 2024 - June 2025 Infrastructure Request	<b>Initial Submit Date:</b>	Dec 31, 2024 8:35 AM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2025 3:00 PM	<b>Initially Submitted By:</b>	Jody Kristiansen
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Josh  
First Name

Middle Name Wayt  
Last Name

**Title:** Funding Specialist

**Email\*:**  
josh.wayt@mooreengineeringinc.com

**Address\*:** 925 10th Ave E

### Organization Information

**Status\*:** Approved

**Name\*:** Logan County

**Organization Type\*:** County Government

**Tax Id:**

**Organization Website:**

**Address\*:** 301 Broadway

Suite 1

Napoleon North Dakota  
City State/Province

West Fargo North Dakota  
City State/Province

58561-7010  
Postal Code/Zip

58078  
Postal Code/Zip

**Phone\*:** (701) 200-5455 Ext.  
Phone  
###-###-####

**Phone\*:** 701-754-2286 Ext.  
###-###-####

**Fax:** ###-###-####

**Fax:** ###-###-####

**Vendor ID:**

**Comments:**

**PeopleSoft  
Supplier ID:**

**Comments:**

**Location  
Code:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** Logan County Irrigation District Feasibility Study

**Sponsor(s)\*:** Logan County

**County\*:** Logan

**City\*:** Napoleon

**Description of Request\*:** New

**If Study, What Type:** Feasibility

**If Project/Program, What Type:** Irrigation

**Jurisdictions/Stakeholders Involved\*:**

Logan County and Emmons County.

**Describe the Problem\*:**

Logan County contains over 300,000 acres that are conditionally suitable for crop irrigation (Omodt, 1982). However, aquifer capacity has limited the amount of irrigable acres to approximately 6,500 -

12,000 acres in recent years.

**Provide Project Details,  
Objectives and Solutions to  
Address Problem\*:**

Logan County is pursuing the creation of an irrigation district. A feasibility study is required to evaluate the irrigable acres within the proposed district, the availability of a water source, and preliminary design on a potential project. This feasibility report will provide a better understanding of how many acres can be irrigated and the level of effort needed to accomplish this.

For this project,

**Choose City, County, Water District or Other\*:** County

**What is the Current Estimated Population?\***: 1900

For this project,

**What is the Benefited Population?\***: 1900

**Have Assessment Districts Been Formed?\***: No

**Have Land or Easements Been Acquired?\***: No

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: Yes

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: No

**Have You Applied for any State Permits?\***: No

**Have You Applied for any Local Permits?\***: No



**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
 (Example: Hazard Mitigation Grant Program)  
 \*:

**Implementation Timelines**

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: 12/01/2025

**Design Completion\***: Unknown

**Bid\***: Unknown

**Construction Start\***: Unknown

**Construction Completion\***: Unknown

**Explain Additional Timeline Issues\***:

There are no anticipated timeline issues related to the completion of the feasibility study.

**Consulting Engineer\***: James Guler

**Engineer Telephone Number\***: 701-551-1061

**Engineer Email\***: james.guler@mooreengineeringinc.com

***Certification (Must Be Completed by Project Sponsor)***

**Submitted by\***: Jody Kristiansen 12/30/2024  
 First Name Last Name Date

**Address\***: 301 Broadway  
 Address Line 1  
 Address Line 2

Napoleon North Dakota 58561-7010

City State Zip Code

**Telephone Number\*:** 701-754-2286

**Sponsor Email\*:** jkristiansen@nd.gov

**It is an Offense to** Yes

**Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

**Authorized Individual\*:** Jody Kristiansen 12/30/2024  
 First Name Last Name Date

**Title/Position/Authority\*:** Auditor/Treasurer Commission approval 12/23/24

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** Yes

CLICK HERE to see examples.

**Project Specific Map** 23511\_DWR Preconstruction\_Exhibit\_20241206.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking SRF or IRLF Funding?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** 23511\_DWR Preconstruction\_Minutes\_12.23.24.docx

**Cover Letter:** 23511\_DWR Preconstruction\_Cover Letter\_Signed.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:** 23511\_DWR Preconstruction\_DelineationCosts.xlsx

**Type of Request:** Preconstruction

**Water Supply Projects?:** No

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No





**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

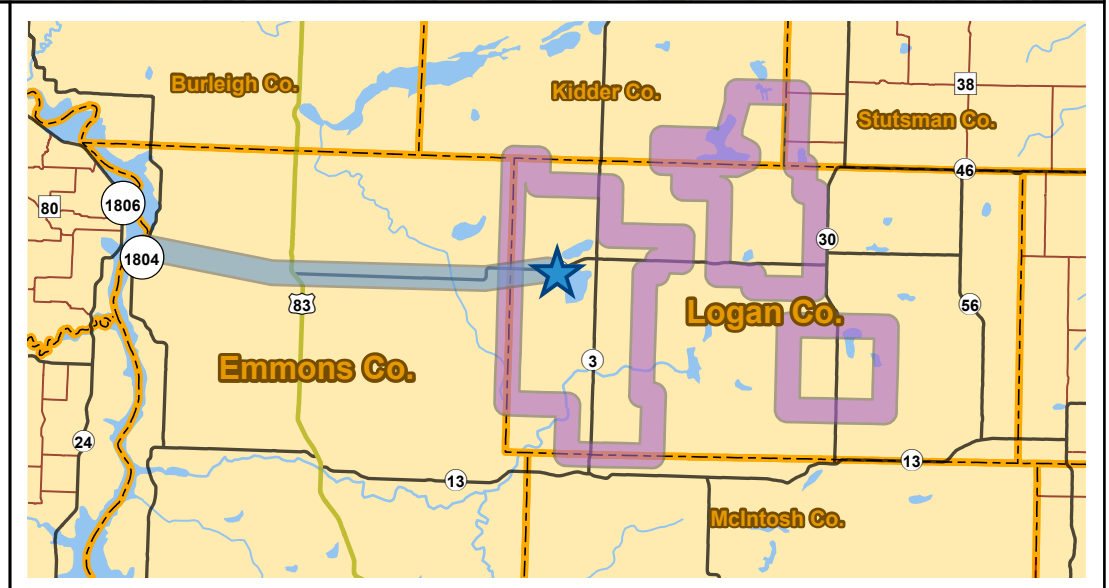
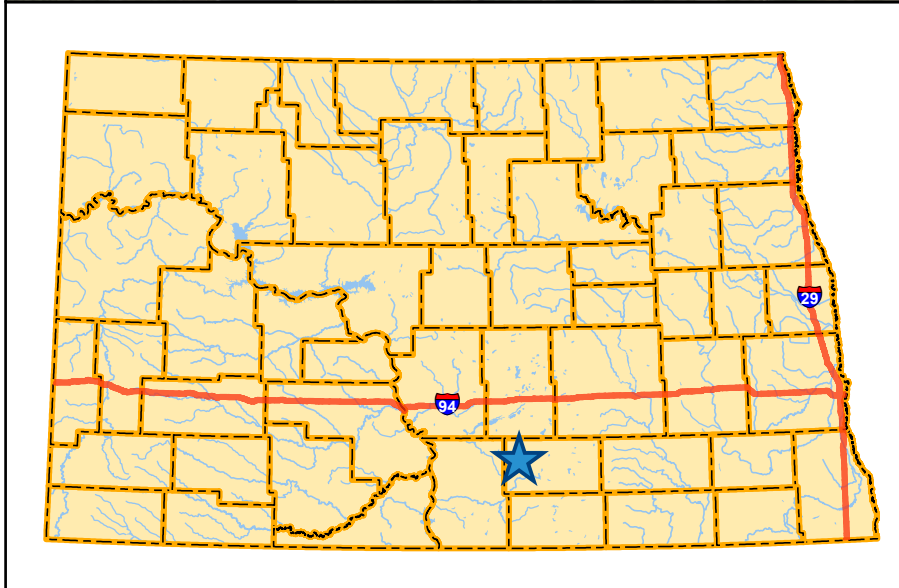
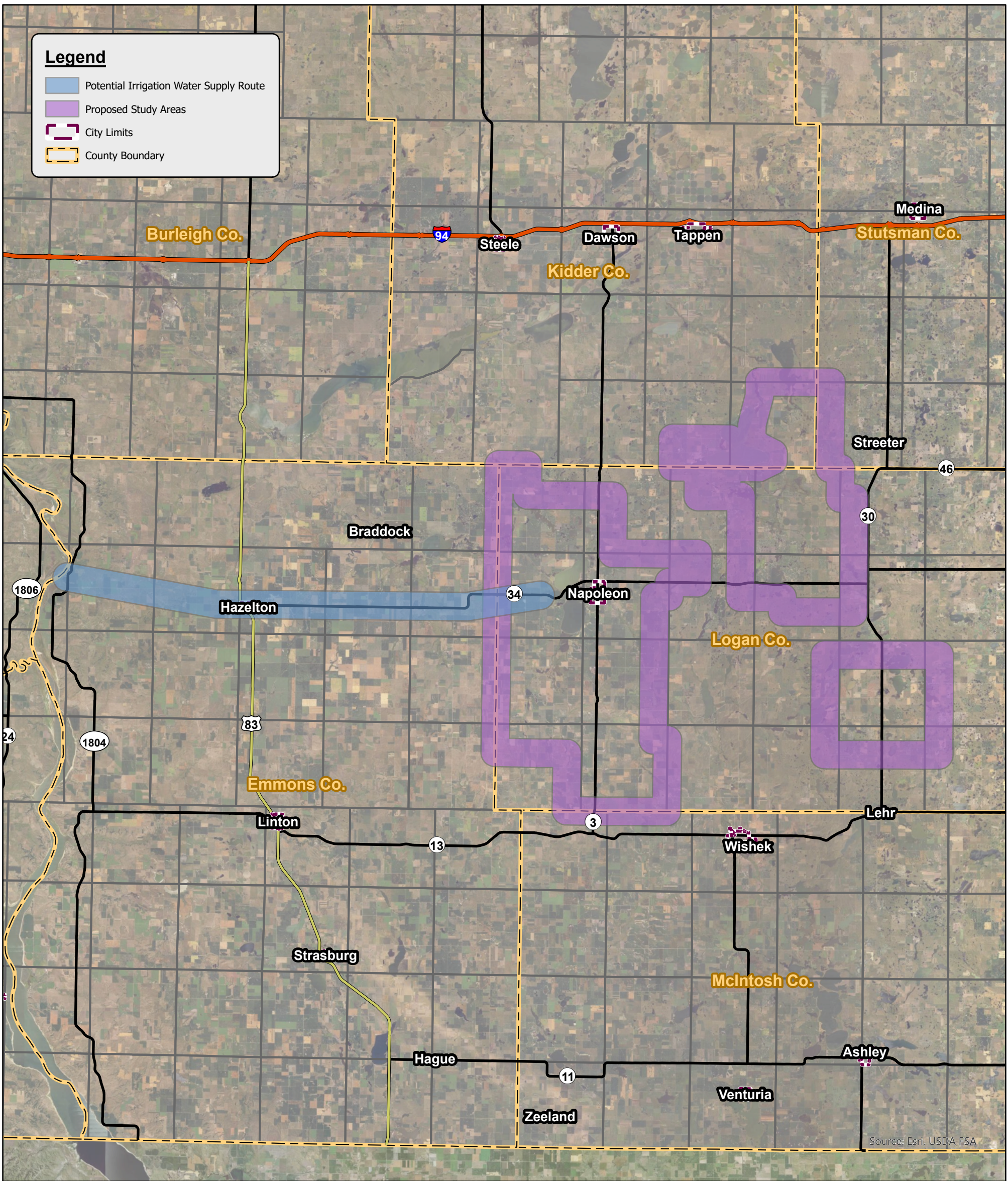
**Sovereign Land Permit, if Required:**



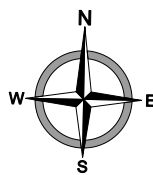


**Legend**

-  Potential Irrigation Water Supply Route
-  Proposed Study Areas
-  City Limits
-  County Boundary



**LOGAN COUNTY IRRIGATION DISTRICT FEASIBILITY STUDY  
EMMONS & LOGAN COUNTIES, NORTH DAKOTA**



Created By: KMV Date Created: 12/26/24 Date Saved: 12/26/24 Date Exported: 12/26/24  
 Plotted By: kyle.volk Parcel Date: State Parcels 05/12/24 Aerial Image: USDA NAIP Elevation Data: N/A  
 Horizontal Datum: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Vertical Datum: NAVD1988  
 T:\Projects\23500\23511\10\_ArcPro\23511\_DWR\_Exhibit\23511\_DWR\_Exhibit.aprx





**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61801 (7/2024)

DWR Date Received : December 31, 2024

<b>Project:</b>	Logan County Irrigation District Feasibility Study
<b>Sponsor:</b>	Logan County
<b>Contact:</b>	Jody Kristiansen
<b>Phone:</b>	701.754.2425
<b>Engineer:</b>	James Guler, Moore Engineering Inc.
<b>Phone:</b>	701.551.1061

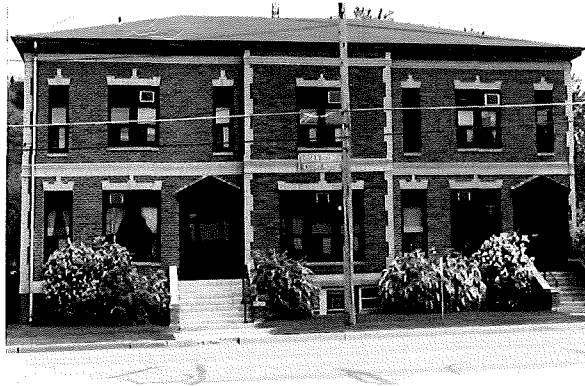
<b>Total Cost :</b>	\$ 200,000	<b>Date:</b>	December 30, 2024
<b>Ineligible Cost :</b>	\$ -		
<b>Eligible Cost :</b>	\$ 200,000		
<b>Local Cost :</b>	\$ 50,000		
		<b>Cost-Share \$</b>	\$ 150,000
		<b>Preconstruction :</b>	\$ 150,000
		<b>Construction :</b>	\$ -

<b>Project Type:</b>	<b>Cost-share %</b>
Irrigation - Off Farm	75%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	#DIV/0!	Mobilization	1	LS	-	-	75%	\$ -
2	#DIV/0!	Bonding	0		-	-	75%	\$ -
3	#DIV/0!	Insurance	0		-	-	75%	\$ -
4	#DIV/0!		0		-	-	75%	\$ -
5	#DIV/0!		0		-	-	75%	\$ -
6	#DIV/0!		0		-	-	75%	\$ -
7	#DIV/0!		0		-	-	75%	\$ -
8	#DIV/0!		0		-	-	75%	\$ -
9	#DIV/0!		0		-	-	75%	\$ -
10	#DIV/0!		0		-	-	75%	\$ -
11	#DIV/0!		0		-	-	75%	\$ -
12	#DIV/0!		0		-	-	75%	\$ -
13	#DIV/0!		0		-	-	75%	\$ -
14	#DIV/0!		0		-	-	75%	\$ -
15	#DIV/0!		0		-	-	75%	\$ -
16	#DIV/0!		0		-	-	75%	\$ -
17	#DIV/0!		0		-	-	75%	\$ -
18	#DIV/0!		0		-	-	75%	\$ -
19	#DIV/0!		0		-	-	75%	\$ -
20	#DIV/0!		0		-	-	75%	\$ -
21	#DIV/0!		0		-	-	75%	\$ -
22	#DIV/0!		0		-	-	75%	\$ -
23	#DIV/0!		0		-	-	75%	\$ -
24	#DIV/0!		0		-	-	75%	\$ -
25	#DIV/0!		0		-	-	75%	\$ -
26	#DIV/0!		0		-	-	75%	\$ -
		<b>Construction Sub-Total</b>				\$ -	75%	\$ -
0.0%		<b>Contingency</b>				\$ -	75%	\$ -
0.0%		<b>Construction Total</b>				\$ -	75%	\$ -
<b>Preconstruction Costs</b>								
27	#DIV/0!	Public Engagement	1	LS	20,000.00	\$ 20,000	75%	\$ 15,000
28	#DIV/0!	Preliminary Design	1	LS	150,000.00	\$ 150,000	75%	\$ 112,500
29	#DIV/0!	Feasibility Report	1	LS	30,000.00	\$ 30,000	75%	\$ 22,500
30	#DIV/0!		0		-	-	75%	\$ -
31	#DIV/0!		0		-	-	75%	\$ -
100.0%		<b>Preconstruction Total</b>				\$ 200,000	75%	\$ 150,000
<b>Construction Engineering Costs</b>								
32	#DIV/0!		0		-	-	75%	\$ -
33	#DIV/0!		0		-	-	75%	\$ -
34	#DIV/0!		0		-	-	75%	\$ -
35	#DIV/0!		0		-	-	75%	\$ -
36	#DIV/0!		0		-	-	75%	\$ -
0.0%		<b>Construction Engineering Total</b>				\$ -	75%	\$ -
<b>Other Eligible Costs</b>								
37	0.0%		0		-	-	75%	\$ -
38	0.0%		0		-	-	75%	\$ -
39	0.0%		0		-	-	75%	\$ -
40	0.0%		0		-	-	75%	\$ -
41	0.0%		0		-	-	75%	\$ -
0.0%		<b>Other Eligible Total</b>				\$ -	75%	\$ -
<b>In-eligible Costs</b>								
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
45	0.0%		0		-	\$ -	0%	\$ -
0.0%		<b>Other Ineligible Total</b>				\$ -	0%	\$ -
100.0%		<b>Total</b>				\$ 200,000		
		<b>Eligible Total</b>				\$ 200,000	75%	\$ 150,000
<b>Federal or State Funds That Supplant Costs</b>								
						\$ -		
		<b>Eligible Cost Total</b>				\$ 200,000	75%	\$ 150,000

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.

**Logan  
County**  
301 Broadway  
Napoleon, ND 58561



**BOARD OF COUNTY COMMISSIONERS:**  
Bryan Batsch  
Blanche Schumacher  
John Wald  
**AUDITOR:** Jody Kristiansen  
**TREASURER:** Jody Kristiansen  
**ASST STATE'S ATTORNEY:** Grant Walker  
**CLERK OF COURT/RECORDER:**  
Laura Henry  
**SHERIFF:** Andrew Bartholomaus  
**TAX DIRECTOR:** Trisha Laine  
**VETERANS SERVICE OFFICER:**  
James Hilzendeger

Beth Nangare  
Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505-0850

December 30, 2024

RE: Logan County Irrigation District Feasibility Study Cost-Share Request

Dear Beth:

Based on a 1982 NDSU soil study, Logan County has more than 300,000 acres that are conditionally suitable for crop irrigation. However, estimated aquifer capacity limits irrigable acres to 6,500-12,000 acres. To date only a fraction of this number is currently irrigated. The County has a goal to increase the number of irrigated acres and has initiated a project to create an irrigation district. A feasibility study is required to evaluate the irrigable acres within the proposed district, the availability of a water source, and a preliminary design on a potential project.

Logan County is working with Moore Engineering Inc. to develop a feasibility report that will provide the County with a better understanding of how many acres can be irrigated and the level of effort needed to accomplish this. The County respectfully requests 75% cost-share for these preconstruction activities, which will include public engagement, preliminary design, and the development of the feasibility report.

We appreciate your willingness to support the County's efforts to promote economic development by studying the feasibility of increasing irrigable acres in the region. If you have any questions, please feel free to contact me or the Project Manager, James Guler, at [james.guler@mooreengineeringinc.com](mailto:james.guler@mooreengineeringinc.com) or (701) 302-0373.

Thank you.

Sincerely,

Handwritten signature of Jody Kristiansen

Jody Kristiansen

Logan County Treasurer/Auditor  
301 Broadway  
Napoleon, ND 58561  
701-754-2286  
[jkristiansen@nd.gov](mailto:jkristiansen@nd.gov)



**SPECIAL MEETING**  
**Board of Logan County Commissioners**  
**Napoleon, ND**  
**December 23, 2024**  
**(Unofficial or subject to approval)**

A special meeting of the Board of Logan County Commissioners was called to order at 9:00 am by Chairperson John Wald. Present were Commissioners Blanche Schumacher and Bryan Batsch and Auditor Jody Kristiansen. Jessica Wald represented the Napoleon Homestead. The Pledge of Allegiance was recited.

Wald motioned, seconded by Schumacher, to approve the auditor's list of vouchers prepaid and proposed for payment during the month of December. All voted in favor; motion carried.

The following is a list of the vouchers with invoices attached which were authorized for payment by the Board:

14218	Jody Horner-Chemical cost share-----	500.00
14219	Cora Stickle-Chemical cost share-----	443.69
14220	Lyle Miller-Chemical cost share-----	306.78
14221	Les Otto-Chemical cost share-----	500.00
14222	Pius Wald-Chemical cost share-----	1,267.20
14223	Blair Bechtle-Chemical cost share-----	1,604.88
14224	Brooks Bechtle-Chemical cost share-----	1,604.88
14225	Blake Bechtle-Chemical cost share-----	1,604.88
14226	Marvin Miller-Chemical cost share-----	192.00
14227	Dale Sand-Chemical cost share-----	1,267.20
14228	Ron & Duwayne Ketterling-Chemical cost share-----	3,204.92
14229	James Leier-Chemical cost share-----	140.00
14230	Rolland Saylor-Chemical cost share-----	500.00
14231	Emmons County Weed Board-Clayton Pearce hours reimbursement-----	83.25
14232	RDO Equipment-bulk DEF, cutting edges, 772CH repairs-----	16,959.96
14233	Main Street Hardware-Powerstrip, diesel treat & rodent control-----	168.94
14234	Gackle Coop Oil Co-Bulk fuel, official travel & wipers-----	4,590.17
14235	Northside Napa-2007 KW truck maintenance-----	96.92
14236	Central Dakota Frontier-Official travel, tires, bulk fuel-----	4,402.41
14237	Little Falls Machine-Cutting edge, pin, key & bolts-----	468.68
14238	Martell's True Value-Toilet paper for Lehr shop-----	6.99
14239	Dakota Valley Electric Cooperative-Gackle Shop electricity-----	161.60
14240	Allied Energy-LP Heating Gackle & Lehr Shops-----	1,125.60
14241	Superior Fenders-Fender for JD 772G-----	3,000.00
14242	Kevin Ehrlichman-reimburse for garage heater-----	148.39
14243	Istate Truck Centers-door latch, striker kit & handle release-----	371.04
14244	Logan County Auditor-Gravel, Road Maintenance & repairs-----	14,910.00
14245	Butler Machinery-55Gal drum of 0W20 & 2018 CAT 140M repair-----	1,856.28
14246	KEM Electric-Napoleon Shop electricity-----	67.30

14247	Menard's-Reflective numbers & letters-----	4.08
14248	Hoberg Ranch-Pit Run removed in 2024-----	4,185.00
14249	Ralph & Lorraine Rivinius-Pit Run removed in 2024-----	450.00
14250	Richard Nenow-Clay material removed in 2024-----	12,996.00
14251	Darrell & Danita Bitz-Pit Run removed in 2024-----	414.00
14252	Andrew & Lorraine Platz-Pit Run removed in 2024-----	4,773.00
14253	James & Charlotte Glatt-payment for semi-processed material-----	1,560.00
14254	Computer Express-monthly contract, server tapes & battery backup-----	8,039.93
14255	Kyle Friez-reimburse for dog food-----	67.99
14256	Uniform Center-Uniforms for Jangula-----	157.98
14257	Office of Attorney General-August, September & October SCRAM fees-----	350.00
14258	Lila Wirt-Reimburse for food pantry items-----	358.06
14259	Dustin Hammond-reimburse internet for December 2024-----	96.50
14260	Verizon-5G mobile broadband-----	51.44
14261	Information Technology Dept-VPN/Wan/Office 365-----	964.15
14262	Gackle Streeter School-soda for LEPC meeting-----	13.75
14263	John Wald-mileage for LEPC meeting in Gackle-----	56.28
14264	Richard Bjerklie-mileage for LEPC meeting in Gackle-----	56.28
14265	Josh Becker-mileage for LEPC meeting in Gackle-----	40.20
14266	Napoleon American Legion-Flag for Courthouse-----	30.00
14267	Napoleon Homestead-Publish abstract of votes, minutes & printer paper-----	1,056.73
14268	Napoleon Oil Co-Official travel-----	172.94
14269	Software Innovations-Taxation upgrade & new server for courthouse-----	30,400.00
14270	Avid Hawk-CMS Website renewal-----	420.00
14271	Eide Bailly-Lenovo post warranty foundation service-----	619.00
14272	Burleigh-Morton Detention Center-Custody of Prisoner-----	100.00
14273	ND Surplus Property-cold weather gloves-----	20.00
14274	Schmitt Locker-gift certificates for Food Pantry baskets-----	1,100.00
14275	BEK Communications-phones for several offices-----	759.17
14276	KLJ Engineering-SRF application-----	2,085.93
14277	BEK Communications-Courthouse security internet-----	109.24
14278	Ultimate Training Munitions-training ammo, helmets & lens cleaner-----	1,838.75
14279	Sunset Law Enforcement-Ammo-----	3,687.00
14280	VISA-dog crate & bed-----	296.04
14281	VISA-Sheriff travel & holsters-----	149.31
14282	Logan County Treasurer-2024 Mobile home taxes-----	3,711.54
14283	Apex Electric-electrical work for key card access-----	280.50
14284	Dani's Place-pizza for LEPC meeting in Gackle-----	68.00
14285	Quadient Leasing-postage machine lease-----	384.27
14286	Nexus Planning & Consulting-Quarter 4 2024 mileage-----	691.44
14287	ND Association of Counties-onsite drug & alcohol testing-----	20.00

Schumacher motioned, seconded by Batsch, to authorize the following end of year transfers:

\$593.00 from Co General to Homeland Security, \$88,329.49 from Human Services Indirect Costs to Co General, \$5,000.00 from Co General to Courthouse Vehicle, \$200,000.00 from Co General to Courthouse Building, \$2,000 from Co General to Co Agent and \$5,892.00 from Heavy Equipment Replacement to Co Highway. All voted in favor; motion carried.

Eric Hoberg, Logan County Job Development Authority, requested the board make a motion to authorize the county auditor to submit an application to the Department of Water Resources Cost Share Program for preconstruction costs in the amount of \$200,000.00. Hoberg reported the JDA paid \$35,000.00 for a feasibility study to bring water from the Missouri River to irrigate portions of Logan County and that the State is now requesting a more in-depth study that must be completed in conjunction with the formation of the irrigation district.

Hoberg had Jim Guler, Moore Engineering, on phone who discussed the scope of the project and answered questions. Batsch questioned what would happen if the river water level was too low to pump. Hoberg stated that he had no answer to that particular question. Kristiansen questioned who would be responsible for the \$50,000.00 not covered by the cost share. Hoberg informed the Board that it would be his responsibility to raise the funds to cover the cost. He shared that he hopes Emmons County will participate in the irrigation district and he plans to request they pay \$35,000.00, to match the amount already paid by the JDA. He thinks he should be able to raise the remaining \$15,000.00 but, if unable to, he would have no other choice than to approach the Board with a request for the funds.

Schumacher requested the motion be tabled until a state's attorney opinion could be obtained. Hoberg said there was no need for the state's attorney's involvement at this point as there is nothing for him to review.

Wald motioned, seconded by Batsch, to authorize the county auditor to submit an application to the Department of Water Resources Cost Share Program for preconstruction costs in the amount of \$200,000.00. Wald and Batsch voted in favor; Schumacher voted against the motion. Motion carried.

The Board previously received written notice of the resignation of the present Logan County State's Attorney effective December 31, 2024. Following an examination of the state statutes and noting there is no licensed resident attorney in Logan County, and after reviewing resumes from three interested individuals, making their own personal contacts and upon the recommendation to the current State's Attorney and County Sheriff, Commissioner Schumacher moved, seconded by Commissioner Batsch, that the Board recommend that Logan County State's Attorney Isaac Zimmerman proceed to appoint Grant L. Walker as the Assistant State's Attorney in and for Logan County. All voted in favor; motion carried.

Board terms were addressed. Schumacher plans to contact Sam Ruff for the JDA Board and it was reported that Gerald Ruff will serve on the Weed Board.

Kristiansen shared information regarding a Local Government Capitol Connection meeting in Bismarck.

Schumacher shared the counties with rail report.

Tax Director, Trisha Laine, requested the Board authorize a user license for DocuPro for GIS Coordinator, Nathan Leier. Schumacher motioned, seconded by Wald, to authorize the signing of a contract with Tyler Tech and the payment of costs associated with a VPN for connection to the county server. All voted in favor; motion carried.

Kristiansen distributed revisions requested by Orsted to the signed Road Use Agreement for the Badger Wind Project.

With no further business, the meeting was adjourned 10:38 am.

Attest:

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Jody Kristiansen  
Logan County Auditor

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John Wald, Chairman  
Board of Logan County Commissioners

Water Development Plan: No (2023)

# 1084244 - City of Bowman - New Water Storage Reservoir

## Application Details

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**Funding Opportunity:** 1084196-October 2024 - June 2025 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2025 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Under Review  
**Stage:** Final Application

**Initial Submit Date:** Nov 13, 2024 11:56 AM  
**Initially Submitted By:** Peggy Allen  
**Last Submit Date:** Nov 26, 2024 2:33 PM  
**Last Submitted By:** Shannon Hewson

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Mr. Shannon Hewson  
Salutation First Name Middle Name Last Name  
**Title:** Project Engineer  
**Email\*:** [shannonh@broszengineering.com](mailto:shannonh@broszengineering.com)  
**Address\*:** 109 S. Main Box 357

Bowman North Dakota 58623  
City State/Province Postal Code/Zip

**Phone\*:** 701-523-3340 Ext.  
Phone  
### ### ####  
**Fax:** ### ### ####

**Comments:**

### Organization Information

**Status\*:** Approved  
**Name\*:** City of Bowman  
**Organization Type\*:** Municipal Government  
**Tax Id:** 45-6002040  
**Organization Website:**  
**Address\*:** PO Box 12

Bowman North Dakota 58623-0012  
City State/Province Postal Code/Zip

**Phone\*:** 701-523-3309 Ext.  
### ###

**Fax:** 701-523-5716  
### ###

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

## Infrastructure Funding Request

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### **Infrastructure Funding Request**

**Project, Program, or Study Name\*:** New Water Storage Reservoir

**Sponsor(s)\*:** City of Bowman

**County\*:** Bowman

**City\*:** Bowman

**Description of Request\*:** New

**If Study, What Type:**

**If Project/Program, What Type:** Municipal Water Supply

**Jurisdictions/Stakeholders Involved\*:**

City of Bowman

**Describe the Problem\*:**

The City of Bowman's municipal water system is supplied by two (2) concrete storage tanks. The east storage tank is a 300,000 gallon buried concrete tank constructed in 1947, the west storage tank is a 500,000 gallon buried concrete tank was constructed in 1979. The City would like to remove the existing tanks and install a new 600,000 gallon tank. Both tanks were inspected by KLM Engineering, Inc. in 2017 which revealed the deterioration that has taken place over the years. The report states that the interior is in poor condition, there are numerous cracks with efflorescence deposits and numerous areas of spalled concrete. The presence of efflorescence indicates an exterior intrusion of water. The recommendation is to remove the existing water tanks from service and install a new tank to replace them.

**Provide Project Details, Objectives and Solutions to Address Problem\*:**

The City is proposing to replace the two existing tanks with a new 600,000 gallon tank.

For this project,

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\*** 870

For this project,

**What is the Benefited Population?\*** 870

**Have Assessment Districts Been Formed?\*** No

**Have Land or Easements Been Acquired?\*** No

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: No

**Have You Applied for any State Permits?\***: No

**Have You Applied for any Local Permits?\***: No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
(Example: Hazard Mitigation Grant Program)

**\*:**

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: 4/25/2024

**Design Completion\***: 3/15/2025

**Bid\***: 4/15/2025

**Construction Start\***: 6/1/2025

**Construction Completion\***: 12/1/2025

**Explain Additional Timeline Issues\***:  
None

**Consulting Engineer\***: Brosz Engineering, Inc.

**Engineer Telephone Number\***: 701-523-3340

**Engineer Email\***: [shannonh@broszengineering.com](mailto:shannonh@broszengineering.com)

### ***Certification (Must Be Completed by Project Sponsor)***

**Submitted by\***: Peggy Allen 11/13/2024  
First Name Last Name Date

**Address\***: PO Box 12  
Address Line 1  
Address Line 2  
Bowman North Dakota 58623-0037  
City State Zip Code

**Telephone Number\***: 701-523-3309

**Sponsor Email\***: [pallen@cityofbowman.com](mailto:pallen@cityofbowman.com)

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

Peggy Allen 11/13/2024  
First Name Last Name Date

Financial Auditor

**Authorized Individual\*:**

**Title/Position/Authority\*:**

## Documentation

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### Documentation

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** Yes

[CLICK HERE](#) to see examples.

**Project Specific Map**

[Water Storage Tank Improvements Map.pdf](#)

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking SRF or IRLF Funding?\***: Yes

**Engineer's Estimate of Probable Cost**

[sfn\\_61801\\_delineation\\_of\\_cost - Bowman New Water Storage Reservoir.xlsx](#)

Separate Project Components by Type (Storm Sewer, Sanitary Sewer and Associated Roads, Drinking Water and Associated Roads, and Roads)

:

**Are You Seeking Department of Water Resources Cost-Share?\***: Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** [110624.docx](#)

**Cover Letter:** [City Letter of Request for Funding 11.06.2024.pdf](#)

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE](#) for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** [sfn\\_61801\\_delineation\\_of\\_cost - Bowman New Water Storage Reservoir.xlsx](#)

**Type of Request:** Preconstruction

**Water Supply Projects?:** Yes

[CLICK HERE](#) for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.

**Life Cycle Cost Analysis:** [life\\_cycle\\_cost\\_analysis\\_worksheet - Bowman New Water Storage Reservoir.xlsx](#)

[CLICK HERE](#) for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:** [Basic Asset Inventory Tool - Bowman Water.xlsx](#)

**Rural Flood Control?:** No



Drain Reconstructions?: No

Flood Recovery Property Acquisition?: No

Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?: No

Sovereign Land Permit, if Required:

DWR Construction Permit, if Required:

Conditional Letter of Map Revision (CLOMR), if Required:

Feasibility/Engineering Study for the Proposed Project: Yes

Feasibility/Engineering Study Material: [2024\\_Bowman\\_Tank\\_PER\\_Final\\_4.25.2024.pdf](#)

Photos of Problem/Issue: [Bowman MN3621 Summary Report Final.pdf](#)

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s): Yes

Other Applicable Document: [Bowman MN3622 Summary Report Final.pdf](#)

Other Applicable Document: [Average and Peak Daily Flow.xlsx](#)

Other Applicable Document:




## Sources

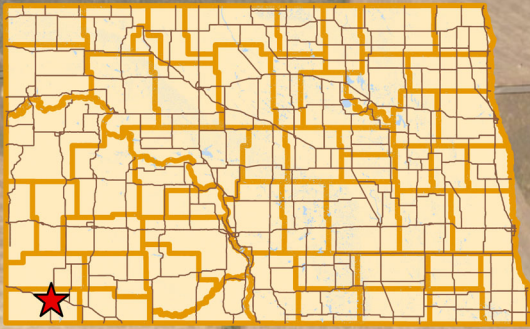
### *Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)*

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Pre-Construction		Current Request	\$132,000.00	\$0.00	\$0.00	\$132,000.00	Grant	0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$1,617,677.00	\$0.00	\$1,617,677.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Future Request	\$0.00	\$1,078,451.00	\$0.00	\$1,078,451.00	Loan	20.00	2.00
Other	City of Bowman	Already Approved	\$88,000.00	\$0.00	\$0.00	\$88,000.00		0.00	0.00
			<b>\$220,000.00</b>	<b>\$2,696,128.00</b>	<b>\$0.00</b>	<b>\$2,916,128.00</b>			

### Water Storage Tank Improvements

**Legend**

-  Bowman City Limits
-  Half Mile ETA
-  One Mile ETA



Proposed Water Storage Tank Improvement

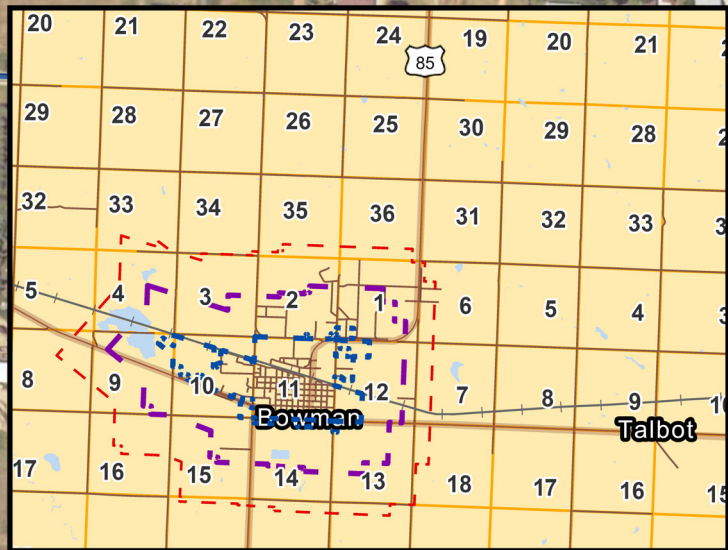
1st Ave NW

6th St NE

US Highway 85

Bowman

Talbot





**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SPN 61801 (7/2024)

DWR Date Received : November 13, 2024

<b>Project:</b>	New Water Storage Reservoir
<b>Sponsor:</b>	City of Bowman
<b>Contact:</b>	Peggy Allen, Auditor
<b>Phone:</b>	701-523-3309
<b>Engineer:</b>	Shannon Hewson, Brosz Engineering Inc.
<b>Phone:</b>	701-523-3340

<b>Total Cost :</b>	\$ 2,916,128	<b>Date:</b>	October 10, 2024
<b>Ineligible Cost :</b>	\$ -		
<b>Eligible Cost :</b>	\$ 2,916,128	<b>Cost-Share \$</b>	\$ 1,749,677
<b>Local Cost :</b>	\$ 1,166,451	<b>Preconstruction :</b>	\$ 132,000
		<b>Construction :</b>	\$ 1,617,677

<b>Project Type:</b>	<b>Cost-share %</b>
Municipal Water Supply	60%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	7.0%	Mobilization	1	LS	171,250.00	\$ 171,250	60%	\$ 102,750
2	0.6%	Bonding	1	LS	15,000.00	\$ 15,000	60%	\$ 9,000
3	0.6%	Insurance	1	LS	15,000.00	\$ 15,000	60%	\$ 9,000
4	2.1%	Erosion Control	1	LS	50,000.00	\$ 50,000	60%	\$ 30,000
5	5.0%	Earthwork	1	LS	122,000.00	\$ 122,000	60%	\$ 73,200
6	66.0%	Reservoir and Storage - Concrete	1	LS	1,605,750.00	\$ 1,605,750	60%	\$ 963,450
7	2.0%	Water Main 10 in	400	LF	120.00	\$ 48,000	60%	\$ 28,800
8	0.3%	Gate Valve	2	EA	4,000.00	\$ 8,000	60%	\$ 4,800
9	0.5%	Pipeline Appurtenances	7	EA	1,575.00	\$ 11,025	60%	\$ 6,615
10	3.1%	Demolition	1	LS	75,000.00	\$ 75,000	60%	\$ 45,000
11	3.3%	Analytical Equipment	1	LS	80,000.00	\$ 80,000	60%	\$ 48,000
12	0.4%	Traffic Control	1	LS	10,000.00	\$ 10,000	60%	\$ 6,000
13	0.0%		0		-	\$ -	60%	\$ -
14	0.0%		0		-	\$ -	60%	\$ -
15	0.0%		0		-	\$ -	60%	\$ -
16	0.0%		0		-	\$ -	60%	\$ -
17	0.0%		0		-	\$ -	60%	\$ -
18	0.0%		0		-	\$ -	60%	\$ -
19	0.0%		0		-	\$ -	60%	\$ -
20	0.0%		0		-	\$ -	60%	\$ -
21	0.0%		0		-	\$ -	60%	\$ -
22	0.0%		0		-	\$ -	60%	\$ -
23	0.0%		0		-	\$ -	60%	\$ -
24	0.0%		0		-	\$ -	60%	\$ -
25	0.0%		0		-	\$ -	60%	\$ -
26	0.0%		0		-	\$ -	60%	\$ -
		<b>Construction Sub-Total</b>				\$ 2,211,025	60%	\$ 1,326,615
	10.0%	<b>Contingency</b>				\$ 221,103	60%	\$ 132,662
	83.4%	<b>Construction Total</b>				\$ 2,432,128	60%	\$ 1,459,277
<b>Preconstruction Costs</b>								
27	0.8%	Geotechnical Investigations	1	LS	20,000.00	\$ 20,000	60%	\$ 12,000
28	4.1%	Preliminary Design	1	LS	100,000.00	\$ 100,000	60%	\$ 60,000
29	3.3%	Final Design	1	LS	80,000.00	\$ 80,000	60%	\$ 48,000
30	0.8%	Bidding / Negotiations	1	LS	20,000.00	\$ 20,000	60%	\$ 12,000
31	0.0%					\$ -	60%	\$ -
	7.5%	<b>Preconstruction Total</b>				\$ 220,000	60%	\$ 132,000
<b>Construction Engineering Costs</b>								
32	3.3%	Construction Contract Management	1	LS	80,000.00	\$ 80,000	60%	\$ 48,000
33	5.8%	Project Inspection	1	LS	140,000.00	\$ 140,000	60%	\$ 84,000
34	1.8%	Other Construction Engineering	1	LS	44,000.00	\$ 44,000	60%	\$ 26,400
35	0.0%		0		-	\$ -	60%	\$ -
36	0.0%		0		-	\$ -	60%	\$ -
	9.1%	<b>Construction Engineering Total</b>				\$ 264,000	60%	\$ 158,400
<b>Other Eligible Costs</b>								
37	0.0%		0		-	\$ -	60%	\$ -
38	0.0%		0		-	\$ -	60%	\$ -
39	0.0%		0		-	\$ -	60%	\$ -
40	0.0%		0		-	\$ -	60%	\$ -
41	0.0%		0		-	\$ -	60%	\$ -
	0.0%	<b>Other Eligible Total</b>				\$ -	60%	\$ -
<b>In-eligible Costs</b>								
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
45	0.0%		0		-	\$ -	0%	\$ -
	0.0%	<b>Other Ineligible Total</b>				\$ -	0%	\$ -
100.0%		<b>Total</b>				\$ 2,916,128		
		<b>Eligible Total</b>				\$ 2,916,128	60%	\$ 1,749,677
<b>Federal or State Funds That Supplant Costs</b>								
						\$ -		
		<b>Eligible Cost Total</b>				\$ 2,916,128	60%	\$ 1,749,677

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** City of Bowman  
**Project Title:** New Water Storage Reservoir

**Date:** December 16, 2024

**Explanation of Alternatives:**

No Build - No Action  
 New Water Storage Reservoir - Replace two existing 300,000 & 500,000-gallon reservoirs with new 600,000-gallon reservoir.  
 500,000 Tank Rehabilitation - Rehabilitation of existing 500,000 and put 300,000 out of service.

**Inputs:**

New Connections Served	0	Current CIF Balance	\$100,000
Future Connections Served	0	Annual CIF Contribution	\$20,000
Current Connections Served	870	Cash Funding Target (Percentage %) New Assets	35%
Net Connections (New + Current)	870	Cash Funding Target (Percentage %) Existing Assets	50%
		Annual CIF Contribution suggested for the Project	\$21,416

	No Build	New Water Storage Reservoir	500,000 Tank Rehabilitation	
Construction Cost	\$0	\$2,916,100	\$1,725,000	
Annual O & M	\$200,000	\$5,000	\$100,000	

**Details:**

--

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	No Build	New Water Storage Reservoir	500,000 Tank Rehabilitation	
Capital Costs	\$0	\$2,916,000	\$1,725,000	
O&M	\$5,546,000	\$134,000	\$2,674,000	
Repair, Rehab, Replacement	\$0	\$672,000	\$486,000	
Salvage Value	\$0	\$10,000	\$10,000	
<b>Total PVC</b>	<b>\$5,546,000</b>	<b>\$3,712,000</b>	<b>\$4,875,000</b>	
<b>PV Cost Per User</b>	<b>\$6,375</b>	<b>\$4,267</b>	<b>\$5,603</b>	

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$35</b>		
<b>Comparable Water Rate</b>	<b>\$48</b>		
Net Connections (New + Current)	870	870	870
Cost-Share Percent	60%	60%	60%
Local Share	\$0	\$1,166,400	\$690,000
Other Funding	\$0	\$0	\$0
Total Local	\$0	\$1,166,400	\$690,000
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$6.78</b>	<b>\$4.01</b>
Local Share	\$0	\$2,916,000	\$1,725,000
Other Funding	\$0	\$0	\$0
Total Local	\$0	\$2,916,000	\$1,725,000
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$16.96</b>	<b>\$10.03</b>

**Explanation of Results:**

The sponsor preferred project is the "New Water Storage Reservoir" option. The present value cost of the preferred alternative is \$3,712,000 and the presented alternative for comparison is "500,000 Tank Rehabilitation" at a present value cost of \$4,875,000. The present value cost per user for the preferred alternative is \$4,267. The monthly user cost of the local share with DWR 60% cost-share participation is \$6.78 per month and \$16.96 without DWR participation.

ND Dept. of Commerce	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2023		
Population & Trends	1,469	1,411	-0.3%	-4

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.





101 First Street NE

Box 12 Bowman ND 58623

bowmand.com/cities

(701) 523-3309 (701) 523-5716 Fax

November 5, 2024

ND Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58504-5262

RE: City of Bowman – New Water Storage Reservoir

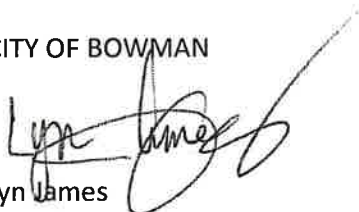
To Whom It May Concern,

The City of Bowman is currently planning a project to replace the existing water tanks with a new water storage reservoir. The City acknowledges that they are applying for a cost share to the DWR. The total cost of the project is estimated at \$2,916,128.00, with a DWR share of \$1,749,677.00. The DWR share requested is 60% of the project cost which will be split between a pre-construction request of \$132,000.00 and a construction request of \$1,617,677.00.

If you should have any questions, please feel free to contact the City at 701-523-3309.

Sincerely,

CITY OF BOWMAN

  
Lyn James  
President of Bowman City Commission

/psa

City Commission Chairs

*Lyn James*  
President

*Ryan Shear*  
Vice President

*Myron Vail*  
Water/ Sewr Dept.

*Benjamin Schaaf*  
Police Dept.

*Sara Bullis*  
Finance Dept

**Minutes of the Regular City Commission Meeting held on November 6, 2024 at City Hall at 4:00 PM.**

**Present:** President Lyn James, Vice-Chair Ryan Shear, Benjamin Schaaf, Sara Bullis, Myron Vail, Chief Headley, Bill Mason, Todd Hofland, Aaron Allen, Shannon Hewson, Stacy McGee, Jason Bullis, Trevor Bergerson, Mike Snow, Garret Roemmich, Colin Dunn, Brad Mosher, Jodi Freier, Dan Brosz, Teran Doerr, and Peggy Allen. **Absent:** None

President James called the meeting order at 4:00 pm. Motion by Shear, second by Schaaf to approve the agenda as presented. RCV= all aye, MC.

**Direct Deposit:** \$33095.87; **Check #14102-14137;** **Voided Checks:** 14103 and 14059; **Bills:** AT & T \$810.87, Postmaster \$365.00, Advanced Business Methods \$186.24, Badlands Patriot \$464.60, Boss Office Products \$558.87, Bowman Auto Parts \$108.46, Bowman Park and Rec \$4,290.25, Bowman Sales and Service \$111.81, Bronson's Marketplace \$40.86, Brosz Engineering \$2,000.00, Cashway Building Center \$248.30, Core and Main \$167.51, Coyle Electric \$280.92, Dacotah Paper \$59.50, Dakota Dust-Tex \$115.30, Eido Connect \$64.00, Fallon County Treasurer/Coral Creek Landfill \$6,426.00 Frontier Travel Center \$589.56, Hawkins \$1,962.52, Jason Hosek \$2,502.50, KPOK \$65.00, Loretta Olind \$725.00, MDU \$8,511.98, ND Information Technology \$125.40, ND League of Cities \$150.00, Newby's Ace Hardware \$195.57, Pomp's Tire Service A\$2,634.00, ProPoint Cooperative \$54.90, SW District Health Unit \$50.00, USA Blue Book \$1,329.97, VISA \$1,418.78, Western Frontier Insurance Agency \$33.00, Westlie Truck Center \$42.83, and Woodley Construction \$69.97.

**Tax and Tourism Check:** #14109

**Tax and Tourism Bills:** Bowman County Development Corporation \$250.00.

**BROSZ ENGINEERING – HEWSON:**

**Water Tank Project:** Hewson stated that we need to have a letter that states we understand that the cost share is a 60%/40% split between the Department of Water Resources and the City for the water tank project along with a copy of the minutes from this meeting. The City acknowledges that we are applying for a cost share with DWR and the total cost of the project is estimated at \$2,916,128.00 with a DWR share of \$1,749,677.00. The DWR share requested is 60% of the project cost which will be split between a pre-construction request of \$132,000.00 and a construction request of \$1,617,677.00.

Motion by Schaaf, second by Shear to approve signing the letter to ND Dept. of Water Resources stating that we understand the cost share referenced above. RCV= all aye, MC.

**Frontier Travel Center LOMR:** Hewson showed the Commission the mapped area for the Frontier Travel Center LOMR, there are very little changes, and there are no changes up or downstream. He wants to make sure the City doesn't have any concerns before he submits it to FEMA and the State Flood Coordinator. There are no concerns from the Commission and no one from the audience had questions.

**Slip Lining Project:** Hewson sent in the application as we have in the past for a sewer slip lining project for grant consideration through CWSRF.

**TAP Grant:** Hewson was wondering if we had any TAP Grant style projects in mind for 2027. No one could think of anything. If they have any ideas the Commission was requested to reach out to Hewson.

**HOFLAND – STREET/VECTOR/LANDFILL DEPTS.:**

**Dept. Head Report:** Nothing to Report.

**MASON -WATER AND SEWER DEPT.:**

**Dept Head Report:** Nothing to Report.

**CHIEF HEADLEY – POLICE DEPT.:**

**Activity Report: 10/14/24 – 11/3/24:** Incidents – 9 (animal noise-2, disorderly conduct, DUI alcohol or drugs, false information to police, wanted person, harassing phone call/letter, assault, aggravated, and unattended death), Calls for Service – 76 (extra patrol-15, information report-8, animal noise-6, medical emergency-4, unruly child-4, public relations4, suspicious vehicle, circumstance-3,

welfare check-2, traffic control for fire-2, intoxicated person-2, injured animal-2, found property-2, citizen assist, traffic complaint, animal problem, miscellaneous record, truancy/absenteeism from school, traffic hazard, suicidal person, disorderly conduct, dog or cat running at large, illegal burning, criminal trespass, parking problem, lost property, scam, swindle, confidence game, notice against trespass, and vicious animal), Traffic Stops – 68 (verbal warnings-35, written warning-21, citation-11, and arrest-1), Arrests – 2 (court order violation and driving under the influence)

**Police K9 Donation:** On 10/25/24 Chief Headley was approached by Josh Pike from Ragnar Defense to see if the City would be interested in a K9, they would like to donate it to a small town Police Department. The dog would come to us at no cost (valued at \$25,000), our officer would be trained by Ragnar Defense at no cost to us, and they are willing to pay the City up to \$2,000.00 a year for expenses for 10 years as an incentive to keep the dog. It's a dual trained K-9 used for tracking and narcotics; the dog doesn't have the temperament to be a bite dog. Officer Snow would be the one in charge of the K-9 and he understands the responsibility he would have for the dog. Ragnar Defense will board the dog free of charge if Officer Snow went on vacation, but our officers said they would take care of it. The dog has an 8–10-year lifespan and it's 3 years old. There is a company that will send dog food free of charge to the City for the K-9.

Bergerson sent videos of this K-9 to other dog handlers, and they said they felt it would be a great dog for us.

The cost to us would be insurance on the dog for health and liability, and the officers gas, food and lodging while he is going through training. There would be a cost for equipping the vehicle for the dog, Headley got an estimate for \$8,855.00 which could be taken out of the Alcohol Awareness Fund.

Bergerson felt that it would be a benefit to have two dogs so the County Sheriffs K9 works during the day, the City's dog would be used at night, it would benefit both of us.

Three of Bowman County Sherriff's officers voiced their concerns about having two dogs.

The Commission would like to think about it and will give Headley the decision to relay to Ragnar Defense on the 19<sup>th</sup>.

Headley stated that if they choose to get the K-9, he would be giving a report on the K-9 at the meetings.

#### **ALLEN – GARBAGE DEPT:**

**Dept. Head Report:** Allen is back to work. Nothing else to report.

#### **P. ALLEN – FINANCIAL AUDITOR:**

**City Hall Building Tuckpointing:** Allen presented a quote from Trowel and Hammer to do the tuck pointing on City Hall where the sprinkler system damaged the mortar. Motion by Vail, second by Schaaf to accept the proposal from Trowel and Hammer in the amount of \$7,712.00 to grind and tuckpoint the mortar joints on City Hall. RCV= all aye, MC. He is requesting a 10% deposit when he starts in May 2025. The Commission was okay with paying that in May 2025.

**Festival of Lights Special Event Permit:** Allen presented a Special Event Permit for the Bowman County Development Corporation to host the Festival of Lights in the City Park and requested to block off Divide Street from 2<sup>nd</sup> Avenue to Cenex. They would also like barricades from the City by 3:00 pm to set up for the safety of the attendees. Motion by Schaff, second by Shear to approve the Festival of Lights Special Event Request for December 4, 2024 from 6:00 – 8:00 pm. RCV= all aye, MC

**Gaming Permit #24-62:** Allen presented a 50/50 raffle gaming permit for Friends of Losing/McConnell Baby Medical Benefit which was held on 10/26/24 at the Silver Dollar Bar. Motion by Shear, second by Schaff to approve raffle permit #24-62 for the friends of Losing-McConnell Baby Medical Benefit. RCV= all aye, MC.

**State of the Region 8:** Allen inquired if anyone else wanted to go to this meeting on 11/20/24 in Medora and no one other than James wanted to attend.

**Lead Local Training:** Allen asked if anyone wanted to go to this training and no one wanted to

attend.

**Commission Room:** The Commission Room has been painted and the floor will be next to get finished. Allen asked if they still wanted to paint the wood trim around the pipes in the Commission Room and they decided to wait.

**SHEAR:**

**Shears Residence Driveway:** Shear's driveway sank due to the ground not being packed correctly around the City water shut off when repaired after a water leak. Mason put a riser on the water shut off after Shear tore the driveway out. Shear then had his driveway concrete poured. Shear presented pictures and invoices. Shear did all the tear out work himself so that is not included in his expenses. The whole driveway is 32' x 28', the Commission agreed to pay for 8' x 32' = 224 SF x \$8.90/SF for concrete. The decision on the size of the area was due to the area needed to get a backhoe in to do the repair. Motion by Vail, second by Schaaf to reimburse Ryan Shear for 224 SF of his driveway repairs to fix the sunken area around our water shut off in the amount of \$1,993.60. RCV= all aye, Shear abstained, MC.

**PARK VIEW POINT - DAN BROSZ:**

**TIF District:** Brosz gave an overview of his project since two of the Commissioners were not at the last meeting. He is here today to request a TIF District for infrastructure (water, sewer, and shared driveway) on this project.

Steve Wild said the steps to a TIF District are to prepare a development plan, like Brosz did, then have a public meeting showing the plan at the hearing and then the Commission decides if they are going to approve it and go forth with bonds or have the City fund the TIF. The plan has to be sent to the Department of Commerce by July 1, 2025 if it is over 5 years which this project is. Since it's over 5 years we are required to notice the school, Park and Rec, and Bowman County. These entities have to respond to us if they are ok with the TIF, Brosz will go to the three entities to explain it. Motion by Schaaf, second by Vail to go forward with a public hearing on December 3 for the Park View Point Development TIF District. Allen will publish the meeting date for two weeks. RCV= all aye, MC.

**BOWMAN COUNTY DEVELOPMENT CORPORATION - TERAN DOERR:**

**BCDC Building Sewer:** AJ Thompson scoped their sewer line that they have been having troubles with. They said that it could be slip lined to fix it. Doerr is asking for a 1/3 of the cost of the repairs since the City owns 1/3 of the building. Motion by Shear, second by Schaaf to approve 1/3 of the cost which is \$19,597.33 for slip lining the sewer at the BCDC office with funds taken out of the Sewer Building Fund. The City will pay when their portion when presented with the final bill. RCV= all aye, MC.

**CLOSE OF MEETING:**

**Next Meeting:** 11/19/24 at 4:00 pm.

Motion by Shear, second by Schaaf to approve the 11/15/24 Meeting Minutes and September 2024 Financials. RCV= all aye, MC.

James was reappointed to the Post Board until September 2026, she will be the longest serving member on this board.

President James adjourned the meeting at 6:10 pm.

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Peggy Allen, Financial Auditor

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Lyn James, President of City Commission



# 1084254 - Beach 2025 Watermain Improvements Project - Construction Request

## Application Details

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**Funding Opportunity:** 1084196-October 2024 - June 2025 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2025 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Under Review  
**Stage:** Final Application

**Initial Submit Date:** Oct 24, 2024 1:10 PM  
**Initially Submitted By:** Abby Ritz  
**Last Submit Date:** Dec 6, 2024 12:50 PM  
**Last Submitted By:** Abby Ritz

## Contact Information

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### Primary Contact Information

**Active User\*:** yes  
**Type:** External User  
**Name:** Ms. Kimberly K Gaugler  
Salutation First Name Middle Name Last Name  
**Title:** City Auditor  
**Email\*:** [cityofbeach@midstate.net](mailto:cityofbeach@midstate.net)  
**Address\*:** PO Box 278  
153 Main Street  
Beach North Dakota 58621-0278  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 872-4103 Ext.  
Phone  
### ###-####  
**Fax:** (701) 872-4924  
### ###-####  
**Comments:**

### Organization Information

**Status\*:** Approved  
**Name\*:** City Of Beach  
**Organization Type\*:** Municipal Government  
**Tax Id:** 45-6002033  
**Organization Website:** <http://www.beachnd.com/>

**Address\*:** 153 Main Street E  
 PO Box 278

Beach North Dakota 58621-0278  
 City State/Province Postal Code/Zip

**Phone\*:** (701) 872-4103 Ext.  
 ### ##

**Fax:** (701) 872-4924  
 ### ##

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** Beach 2025 Watermain Improvements Project

**Sponsor(s)\*:** City of Beach

**County\*:** Golden Valley

**City\*:** Beach

**Description of Request\*:** Updated (previously submitted)

**If Study, What Type:**

**If Project/Program, What Type:** Municipal Water Supply

**Jurisdictions/Stakeholders Involved\*:**

City of Beach

**Describe the Problem\*:**

The existing cast iron watermain in the project area is in poor condition and has scaling and corrosion issues. These problems have caused additional issues such as low chlorine residuals and discoloration in the drinking water. Low chlorine residual can lead to unsafe drinking water and risk to public health. Discolored water has left many residents afraid to drink the water and has caused discoloration in clothing. This has also led to the necessity for frequent flushing and an increase in operation and maintenance costs.

**Provide Project Details, Objectives and Solutions to Address Problem\*:**

The proposed project will replace approximately 9,620 feet of 4-inch and 6-inch cast iron water main with 8-inch PVC via open cut excavation. Approximately 151 1-inch water service lines will also be removed and replaced beyond the curb. The request also includes a 10' trench of paving.

The project scope has changed from the preconstruction cost-share request. The City has opted not to replace sewermain and streets due to affordability. In addition, the City has received a grant through NDDOT Flex Fund to replace the streets along Central Avenue and Main Street. To take advantage of this grant funding, the City has expanded this project's scope to include watermain replacement on those streets. Because the paving is already covered by the NDDOT grant, only the watermain was added to the request (no 10' trench).

For this project,

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\*** 981

For this project,

**What is the Benefited Population?\*** 250

**Have Assessment Districts Been Formed?\*** Yes

**Date Formed:** 07/15/2024

**Have Land or Easements Been Acquired?\***: N/A

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: No

**Are There Any Road Improvements Included as Part of the Project?\***: Yes

**If Yes, Describe the Condition and Last Improvements Made to Any Underground Infrastructure.:**

The underground infrastructure in the project area has not been improved since initial installation. The engineer estimates that the sanitary sewer in the project area has approximately 20 years remaining useful life. The watermain in this area has scalling and corrosion issues which have led to low chlorine residuals and water discoloration.

**Have You Applied For Any Federal Permits?\***: No

**Have You Applied for any State Permits?\***: No

**Have You Applied for any Local Permits?\***: No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: 06/2024

**Design Completion\***: 10/2024

**Bid\***: 01/2025

**Construction Start\***: 04/2025

**Construction Completion\***: 09/2026

**Explain Additional Timeline Issues\***:

No issues anticipated.

**Consulting Engineer\***: Zac Ranisate

**Engineer Telephone Number\***: 701-221-0530

**Engineer Email\***: [Zac.Ranisate@AE2S.com](mailto:Zac.Ranisate@AE2S.com)

**Certification (Must Be Completed by Project Sponsor)**

**Submitted by\***: Kimberly Gaugler 12/06/2024  
First Name Last Name Date

**Address\***: PO Box 278  
Address Line 1  
Address Line 2

Beach North Dakota 58621-0278  
City State Zip Code

**Telephone Number\***: 701-872-4103

**Sponsor Email\*:** [cityofbeach@midstate.net](mailto:cityofbeach@midstate.net)

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:** Yes

**Authorized Individual\*:** Kimberly Gaugler 12/06/2024  
First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

## Documentation

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### Documentation

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

[CLICK HERE](#) to see examples.

**Project Specific Map**

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

[Beach 2025 Improvements\\_10-29-24\\_SWC-Map.pdf](#)

**Are You Seeking SRF or IRLF Funding?\*** Yes

**Engineer's Estimate of Probable Cost**

Separate Project Components by Type (Storm Sewer, Sanitary Sewer and Associated Roads, Drinking Water and Associated Roads, and Roads)

:

[Beach OPCC Cost-Sharing.xlsx](#)

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** [Beach 24-10-21 Draft Meeting Minutes.docx](#)

**Cover Letter:** [City of Beach - Signed SWC Cover Letter.pdf](#)

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE](#) for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** [sfn\\_61801\\_delineation\\_of\\_cost\\_24.12.06.xlsx](#)

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** [Beach 2025 Improvements Plans Specifications.pdf](#)

**Water Supply Projects?:** Yes

[CLICK HERE](#) for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.

**Life Cycle Cost Analysis:** [life\\_cycle\\_cost\\_analysis\\_worksheet\\_24.12.06.xlsx](#)

[CLICK HERE](#) for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:** [Beach\\_basic\\_asset\\_inventory\\_tool - 24.10.29.xlsx](#)

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No

**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

**Sovereign Land Permit, if Required:**

**DWR Construction Permit, if Required:**

**Conditional Letter of Map Revision (CLOMR), if Required:**

**Feasibility/Engineering Study for the Proposed Project:** No

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable Document(s):** Yes

**Other Applicable Document:** [Attach1-BudgetSheet.pdf](#)

**Other Applicable Document:**

**Other Applicable Document:**

## Sources

**Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)**

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Drinking Water State Revolving Fund			\$0.00	\$0.00	\$2,498,000.00	\$2,498,000.00		0.00	0.00
BND Infrastructure Revolving Loan Fund			\$0.00	\$0.00	\$1,190,000.00	\$1,190,000.00	Loan	0.00	0.00
Department of Water Resources Cost Share Pre-Construction		Already Approved	\$217,553.00	\$0.00	\$0.00	\$217,553.00		0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$347,610.00	\$3,128,487.00	\$3,476,097.00		0.00	0.00
			<b>\$217,553.00</b>	<b>\$347,610.00</b>	<b>\$6,816,487.00</b>	<b>\$7,381,650.00</b>			







**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61801 (7/2024)

DWR Date Received :

<b>Project:</b>	Beach 2025 Street and Utility Improvements Project
<b>Sponsor:</b>	City of Beach
<b>Contact:</b>	Kimberly Gaugler, City Auditor
<b>Phone:</b>	701-872-4103
<b>Engineer:</b>	Zac Ranisate, AE2S
<b>Phone:</b>	701-221-0530

<b>Total Cost :</b>	\$ 7,381,209
<b>Ineligible Cost :</b>	\$ 1,225,124
<b>Eligible Cost :</b>	\$ 6,156,085
<b>Local Cost :</b>	\$ 3,687,558

**Date:** December 6, 2024

	<b>Cost-Share \$</b>
	\$ 3,693,651
<b>Preconstruction :</b>	\$ 217,553
<b>Construction :</b>	\$ 3,476,097

<b>Project Type:</b>	<b>Cost-share %</b>
Municipal Water Supply	60%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	8.1%	Mobilization	1	LS	406,000.00	\$ 406,000	60%	\$ 243,600
2	1.8%	Bonding	1	LS	90,000.00	\$ 90,000	60%	\$ 54,000
3	0.0%	Insurance	1	LS	-	\$ -	60%	\$ -
4	1.0%	Erosion Control	1	LS	50,000.00	\$ 50,000	60%	\$ 30,000
5	0.6%	Temporary Pumping	1	LS	30,000.00	\$ 30,000	60%	\$ 18,000
6	33.4%	Paving	1	LS	1,674,768.00	\$ 1,674,768	60%	\$ 1,004,861
7	0.3%	Water Main 2 in	158	LF	80.00	\$ 12,640	60%	\$ 7,584
8	0.3%	Water Main 4 in	163	LF	100.00	\$ 16,300	60%	\$ 9,780
9	0.5%	Water Main 6 in	218	LF	105.00	\$ 22,890	60%	\$ 13,734
10	22.3%	Water Main 8 in	9712	LF	115.00	\$ 1,116,880	60%	\$ 670,128
11	9.4%	Water Service Line	157	EA	3,000.00	\$ 471,000	60%	\$ 282,600
12	0.1%	Water Service Line	1	EA	5,000.00	\$ 5,000	60%	\$ 3,000
13	1.8%	Water Service Line	10	EA	9,000.00	\$ 90,000	60%	\$ 54,000
14	2.8%	Fittings	49	EA	2,889.80	\$ 141,600	60%	\$ 84,960
15	4.0%	Gate Valve	50	EA	4,012.00	\$ 200,600	60%	\$ 120,360
16	2.2%	Hydrant	11	EA	10,000.00	\$ 110,000	60%	\$ 66,000
17	2.1%	Connection to Existing Line	23	EA	4,500.00	\$ 103,500	60%	\$ 62,100
18	0.2%	Connect Existing Water Service to New	4	EA	3,000.00	\$ 12,000	60%	\$ 7,200
19	0.0%		0		-	\$ -	60%	\$ -
20	0.0%		0		-	\$ -	60%	\$ -
21	0.0%		0		-	\$ -	60%	\$ -
22	0.0%		0		-	\$ -	60%	\$ -
23	0.0%		0		-	\$ -	60%	\$ -
24	0.0%		0		-	\$ -	60%	\$ -
25	0.0%		0		-	\$ -	60%	\$ -
26	0.0%		0		-	\$ -	60%	\$ -
		<b>Construction Sub-Total</b>				\$ 4,553,178	60%	\$ 2,731,907
	10.0%	<b>Contingency</b>				\$ 455,318	60%	\$ 273,191
	67.9%	<b>Construction Total</b>				\$ 5,008,496	60%	\$ 3,005,097
<b>Preconstruction Costs</b>								
27	7.2%	Final Design	1	EA	362,000.00	\$ 362,000	60%	\$ 217,200
28	0.7%	Bidding / Negotiations	1	EA	34,000.00	\$ 34,000	60%	\$ 20,400
29	0.0%	Preconstruction in Excess of Prior Appro	1	EA	(33,411.00)	\$ 33,411	60%	\$ 20,047
30	0.0%		0		-	\$ -	60%	\$ -
31	0.0%		0		-	\$ -	60%	\$ -
	4.9%	<b>Preconstruction Total</b>				\$ 362,589	60%	\$ 217,553
<b>Construction Engineering Costs</b>								
32	6.3%	Construction Contract Management	1	EA	315,000.00	\$ 315,000	60%	\$ 189,000
33	7.0%	Project Inspection	1	EA	352,000.00	\$ 352,000	60%	\$ 211,200
34	0.5%	Post-Construction / Warranty	1	EA	26,000.00	\$ 26,000	60%	\$ 15,600
35	1.8%	Other Construction Engineering	1	EA	92,000.00	\$ 92,000	60%	\$ 55,200
36	0.0%		0		-	\$ -	60%	\$ -
	10.6%	<b>Construction Engineering Total</b>				\$ 785,000	60%	\$ 471,000
<b>Other Eligible Costs</b>								
37	0.0%		0		-	\$ -	60%	\$ -
38	0.0%		0		-	\$ -	60%	\$ -
39	0.0%		0		-	\$ -	60%	\$ -
40	0.0%		0		-	\$ -	60%	\$ -
41	0.0%		0		-	\$ -	60%	\$ -
	0.0%	<b>Other Eligible Total</b>				\$ -	60%	\$ -
<b>In-eligible Costs</b>								
42	1.3%	Mobilization, Bonding, Insurance	1	EA	97,000.00	\$ 97,000	0%	\$ -
43	1.0%	Other Preconstruction Engineering	1	EA	76,000.00	\$ 76,000	0%	\$ -
44	11.8%	Other Construction	1	EA	869,713.00	\$ 869,713	0%	\$ -
45	2.0%	Other Construction Engineering	1	EA	149,000.00	\$ 149,000	0%	\$ -
46	0.5%	Preconstruction in Excess of Prior Appro	1	EA	33,411.00	\$ 33,411	0%	\$ -
	16.6%	<b>Other Ineligible Total</b>				\$ 1,225,124	0%	\$ -
100.0%		<b>Total</b>				\$ 7,381,209		
		<b>Eligible Total</b>				\$ 6,156,085	60%	\$ 3,693,651
<b>Federal or State Funds That Supplant Costs</b>								
						\$ -		
		<b>Eligible Cost Total</b>				\$ 6,156,085	60%	\$ 3,693,651

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** City of Beach  
**Project Title:** 2025 Watermain Replacement Project  
**Date:** December 15, 2024

**Explanation of Alternatives:**

No Action - This would not address the lead water service lines, aging cast iron pipe, or any of the City's other infrastructure needs. This would lead to further deterioration and escalating maintenance expenses.  
 Open Cut Watermain Replacement (New Scope) (Preferred) - Replace approximately 9,260 feet of 4-inch and 6-inch cast iron watermain with 8-inch PVC. In addition, 151 1-inch water service lines will be removed and replaced. A 10-foot trench will be required to do the work and will be repaved after the work is completed.  
 Water and Full Street Replacement (Original Scope) - This alternative would replace approximately 15,950 feet of 4-inch and 6-inch cast iron water main with 8-inch PVC and the full width of streets wherever water main is replaced. This alternative leaves existing clay sanitary sewer main installed below the new streets. This does leave a risk that the city will need to tear up the new streets in the future to replace the sanitary sewer main.

**Inputs:**

New Connections Served	0	Current CIF Balance	\$29,506
Future Connections Served	0	Annual CIF Contribution	\$0
Current Connections Served	151	Cash Funding Target (Percentage %) New Assets	40%
Net Connections (New + Current)	151	Cash Funding Target (Percentage %) Existing Assets	40%
		Annual CIF Contribution suggested for the Project	\$3,931

	No Action	Open Cut Watermain Replacement (New Scope) (Preferred)	Water and Full Street Replacement (Original Scope)
Construction Cost	\$0	\$7,381,200	\$17,112,900
Annual O & M	\$20,000	\$0	-\$23,000

**Details:**

The Original Scope was the project as presented for the Preconstruction application. The city determined the full road and utility replacement was beyond their affordability range and have thus reduced the project to water main replacement only and limited street construction to the 10' policy width excepting for 2 city blocks needing full replacement.

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	No Action	Open Cut Watermain Replacement (New Scope) (Preferred)	Water and Full Street Replacement (Original Scope)
Present Value			
Capital Costs	\$0	\$7,381,000	\$16,883,000
O&M	\$554,000	\$0	-\$594,000
Repair, Rehab, Replacement	\$0	\$0	\$1,366,000
Salvage Value	\$0	\$0	\$191,000
<b>Total PVC</b>	<b>\$554,000</b>	<b>\$7,381,000</b>	<b>\$17,464,000</b>
<b>PV Cost Per User</b>	<b>\$3,669</b>	<b>\$48,881</b>	<b>\$115,656</b>

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$61</b>
<b>Comparable Water Rate</b>	<b>\$48</b>
Net Connections (New + Current)	151
Cost-Share Percent	60%
Local Share	\$0
Other Funding	\$0
Total Local	\$0
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>
Local Share	\$0
Other Funding	\$0
Total Local	\$0
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>

**Explanation of Results:**

The sponsor preferred project is the "Open Cut Watermain Replacement" option. The present value cost of the preferred alternative is \$7,381,000 and the presented alternative for comparison is "Do Nothing" at a present value cost of \$554,000. The present value cost per user for the preferred alternative is \$48,881. The monthly user cost of the local share of the water supply portion of the project with DWR 60% cost-share participation is \$98.91 per month and \$247.28 without DWR participation.

ND Dept. of Commerce	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2023		
Population & Trends	979	972	-0.1%	-1

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.

October 18, 2024

Department of Water Resources  
Governor Doug Burgum  
1200 Memorial Highway  
Bismarck ND 58504

**Re: Beach 2025 Watermain Improvements Project - Construction Cost-Share Request**

Governor Burgum:

The City of Beach is pleased to submit a construction cost-share request for consideration at the upcoming December 13, 2024 State Water Commission meeting.

This project will replace approximately 9,620 feet of old cast iron watermain, addressing water quality issues including low chlorine residuals and discoloration. In addition, the request includes a 10-foot trench of pavement over most of the watermain.

I want to make the Commission aware that the project scope has changed from what was presented with our preconstruction cost-share request. The City has opted not to replace sewer main and streets due to high project cost and affordability concerns. In addition, the City has received a grant through NDDOT Flex Fund to replace the streets along Central Avenue and Main Street. To take advantage of this grant funding, the City has expanded this project's scope to include watermain replacement on those streets.

We appreciate your considering Beach's construction cost-share request and look forward to working with the North Dakota Department of Water Resources on potential funding assistance for this important project.

Sincerely,

**City of Beach**



Walter Losinski  
Mayor

c: Zac Ranisate, PE, AE2S

CITY COUNCIL PROCEEDINGS  
PUBLISHED SUBJECT TO THE GOVERNING BODY'S REVIEW AND REVISION

A regular meeting of the Beach City Council was called to order by Mayor Losinski on Monday, October 21, 2024 at 7:00 p.m. Present when the meeting was called to order was City Council Tom Marman, Sarah Ross, John Stonehocker, Bev Wolff, Andy Zachmann, Public Works Superintendent Randy Dietz, City Auditor Kimberly Gaugler, Engineer Zac Ranisate, Administrative Assistant Lea Massado, and guests Corlene Olson, Leah Zook, Alyssa Liekhus, and Gary Howard.

The Pledge of Allegiance was recited.

Roll call was taken. Swanson-Puckett was absent.

Mayor Losinski called for any additions or corrections to the agenda. Zachmann moved to approve the agenda as presented, second by Wolff. Motion carried unanimously.

### **Minutes**

Minutes of the meeting on October 7, 2024 were presented. Ross moved to approve the minutes, second by Wolff. Motion carried unanimously.

### **Engineer's Report**

Engineer Ranisate reviewed his written report. **2025 Street & Utility Improvement Project** – New requirements have been added to the State Water Commission Cost Share Application process, effective immediately. All applications must attach a cover letter as well as meeting minutes approving the application to be submitted. Deadline to submit the application is October 29<sup>th</sup> for the December 13<sup>th</sup> State Water Commission Meeting. Zachmann moved to approve the draft application and cover letter presented, second by Ross. Motion carried unanimously.

### **Sheriff's Report**

Sheriff Muckle's written report for the month of September was reviewed. The report consisted of 44 city calls, 2 written citations and 3 warning citations.

### **Public Works Report**

PWS Dietz reported Public Works Employee Thomas Littlecreek has submitted his resigned effective November 15<sup>th</sup>. Lead service line and unknown service line letters have been mailed out to all customers. There was discussion on letters recently mailed to property owners regarding removal of dead trees. Ross moved to extend the deadline for completing the removal of dead trees to August 1, 2025, second by Marman. Motion carried unanimously.

### **Auditor's Report**

Gaugler reviewed her written report. Zachmann moved to approve the following list of special assessments, second by Wolff. Motion carried unanimously.

2017-1 Street Improvement Project - \$56,904.82

2021-1 Street & Utility Improvement Project – \$12,402.01

Clean up of Property Identified as a Public Health Nuisance – \$2,792.58

Curb & Gutter – \$669.61



Curb & Boulevard – \$1,276.32

Mowing – \$3,450.00

Sewer Service Line – \$2,152.68

Sidewalk Replacement – \$1,755.72

Water Service Line Replacement – \$173.43

Gaugler reviewed the financial report for the month of September. Zachmann moved to approve the financial report, second by Ross. Motion carried unanimously.

### **Committee Reports**

**Zoning** - Marman provided a written report from the Zoning Board meeting today. In regards to the Application for Building with Conditional Use of a radio station tower at 67 S. Central Avenue the Zoning Board recommends approving with conditions:

1. Maximum tower height 100' and maximum of 100 watts.
2. In the future if the radio station tower and/or license is not operating, the tower must be removed within an acceptable time period.
3. The conditional use be granted for two years. The conditional use will come up for review, two years from the date of approval.
4. A copy of the annual report submitted to FCC must also be filed with the City.

Marman moved to table a decision, second by Stonehocker. Motion carried unanimously.

Three Applications for Building were approved and one Application for Building requires a 4' variance. A Public Hearing for comment on the Application for Building with 4' Variance is scheduled for November 4<sup>th</sup> at 7:30 p.m.

### **New Business**

Correspondence was read from the State of North Dakota Office of the State Auditor providing notice that the Audit Report for the Year Ending 2020 was accepted.

An Application for Local Permit submitted by Beach Post Prom was reviewed. Zachmann moved to approve the application, second by Wolff. Motion carried unanimously.

Correspondence was read regarding U.S. Department of Housing and Urban Development (HUD) new rules affecting floodplains in North Dakota. Zachmann moved to have City Attorney Bouray draft a first reading revising Ordinance 18.0602-1 to reflect the recommended change of “at least two feet” above base flood elevation, second by Wolff. Motion carried unanimously.

There being no other business, Zachmann moved to adjourn, second by Ross. Meeting adjourned at 8:00 p.m.

ATTEST:

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Walter Losinski, Mayor

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Kimberly Gaugler, City Auditor



**Water Development Plan: Yes (2023)**  
**Plan Priority: Low**

**G 3**

# 1084360 - New Town Utility Improvements - Phase II - Construction

## Application Details

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<b>Funding Opportunity:</b>	1084196-October 2024 - June 2025 Infrastructure Request	<b>Initial Submit Date:</b>	Dec 17, 2024 10:08 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2025 3:00 PM	<b>Initially Submitted By:</b>	Abby Ritz
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Abby  
First Name

Middle Name Ritz  
Last Name

**Title:**

**Email\*:** abby.ritz@ae2s.com

**Address\*:** 1815 Schafer Street, Suite 301

### Organization Information

**Status\*:** Approved

**Name\*:** City of New Town

**Organization Type\*:** Municipal Government

**Tax Id:**

**Organization Website:**

**Address\*:** PO Box 309  
103 Soo Place

	AE2S		New Town North Dakota
	Bismarck North Dakota		City State/Province
	City State/Province	58763-0309	
58501		Postal Code/Zip	
Postal Code/Zip		<b>Phone*:</b>	701-627-4812 Ext.
<b>Phone*:</b>	701-221-0530 Ext.		###-###-####
	Phone	<b>Fax:</b>	###-###-####
	###-###-####	<b>Vendor ID:</b>	
<b>Fax:</b>	###-###-####	<b>PeopleSoft</b>	
<b>Comments:</b>		<b>Supplier ID:</b>	
		<b>Comments:</b>	
		<b>Location</b>	
		<b>Code:</b>	

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** New Town Utility Improvements - Phase II

**Sponsor(s)\*:** City of New Town

**County\*:** Mountrail

**City\*:** New Town

**Description of Request\*:** Updated (previously submitted)

**If Study, What Type:**

**If Project/Program, What Type:** Municipal Water Supply

**Jurisdictions/Stakeholders Involved\*:**  
City of New Town

**Describe the Problem\*:**

The City of New Town's watermains were mostly built in the 1950s, shortly after the City of New Town was founded. As such, these utilities have reached the end of their design life. Over recent years, there

have been many breaks in the watermains, resulting in numerous pipe materials and patches throughout the system. Continued failure of these watermains will result in loss of service to the residents and escalating repair costs to the City of New Town.

In addition to the deterioration of the existing infrastructure, the City also wants to address anticipated growth. Due to oil activity in the surrounding region, the City of New Town has seen its population and commercial activity grow in the last decade. As the heart of the Mandan, Hidatsa, and Arikara (MHA) Nation, New Town is planning for continued growth in the upcoming years.

**Provide Project Details,  
Objectives and Solutions to  
Address Problem\*:**

Under the proposed project, all watermain within the phase 2 project area will be replaced with new 8" PVC pipe, ductile fittings and valves, and new poly services from the main to the boulevard. This will address the existing deterioration and increase capacity to support the City's anticipated future growth.

**For this project,**

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\***: 2764

**For this project,**

**What is the Benefited Population?\***: 700

**Have Assessment Districts Been Formed?\***: N/A

**Have Land or Easements Been Acquired?\***: N/A

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: No

**Are There Any Road Improvements Included as Part of the Project?\***: Yes

**If Yes, Describe the Condition and Last Improvements Made to Any Underground Infrastructure.:**

The existing watermains and sanitary sewer mains infrastructure to be replaced under this project were all constructed in the 1950s, shortly after the town was founded. This infrastructure has not been replaced since the original installation. The plan is to replace all underground infrastructure at the time of this project to avoid unnecessary repaving in the future.

**Have You Applied For Any Federal Permits?\***: No

**Have You Applied for any State Permits?\***: No

**Have You Applied for any Local Permits?\***: No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
 (Example: Hazard Mitigation Grant Program)

\*:

### Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: 09/2022  
**Design Completion\***: 10/31/2024  
**Bid\***: 01/31/2024 **1/31/2025**  
**Construction Start\***: 05/01/2025  
**Construction Completion\***: 10/31/2025

**Explain Additional Timeline Issues\***:

No issues anticipated.

**Consulting Engineer\***: Jason Strand, AE2S

**Engineer Telephone Number\*:** 701-852-4048

**Engineer Email\*:** Jason.Strand@AE2S.com

***Certification (Must Be Completed by Project Sponsor)***

**Submitted by\*:** Eileen Zaun 12/17/2024  
First Name Last Name Date

**Address\*:** PO Box 309  
Address Line 1  
Address Line 2  
New Town North Dakota 58763-0309  
City State Zip Code

**Telephone Number\*:** 701-627-4812

**Sponsor Email\*:** ntauditor@restel.com

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:** Eileen Zaun 12/17/2024  
First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

# Documentation

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## ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

[CLICK HERE to see examples.](#)

**Project Specific Map** New Town Phase 2 Location Map\_revised.pdf  
 Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community  
 \*:

**Are You Seeking SRF or IRLF Funding?\***: Yes

**Engineer's Estimate of Probable Cost** Attach1-BudgetSheet 8.pdf  
 Separate Project Components by Type (Storm Sewer, Sanitary Sewer and Associated Roads, Drinking Water and Associated Roads, and Roads)  
 :

**Are You Seeking Department of Water Resources Cost-Share?\***: Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** Regular City Council 11-20-24 Draft.docx

**Cover Letter:** New Town Phase 2 - SWC Cover Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)



**Delineation of Costs SFN 61801:** New Town Phase 2 Delineation of Cost.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** New Town Phase 2 Plans and Specs.pdf

**Water Supply Projects?:** Yes

[CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.](#)

**Life Cycle Cost Analysis:** New Town life\_cycle\_cost\_analysis\_worksheet.xlsx

[CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.](#)

**Asset Inventory Assessment:** New Town Water System Asset Inventory 12.13.24.xlsx

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No

**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

**Sovereign Land Permit, if Required:**

**DWR Construction Permit, if Required:**

**Conditional Letter of Map Revision (CLOMR), if Required:**

**Feasibility/Engineering Study for the Proposed Project:** No

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

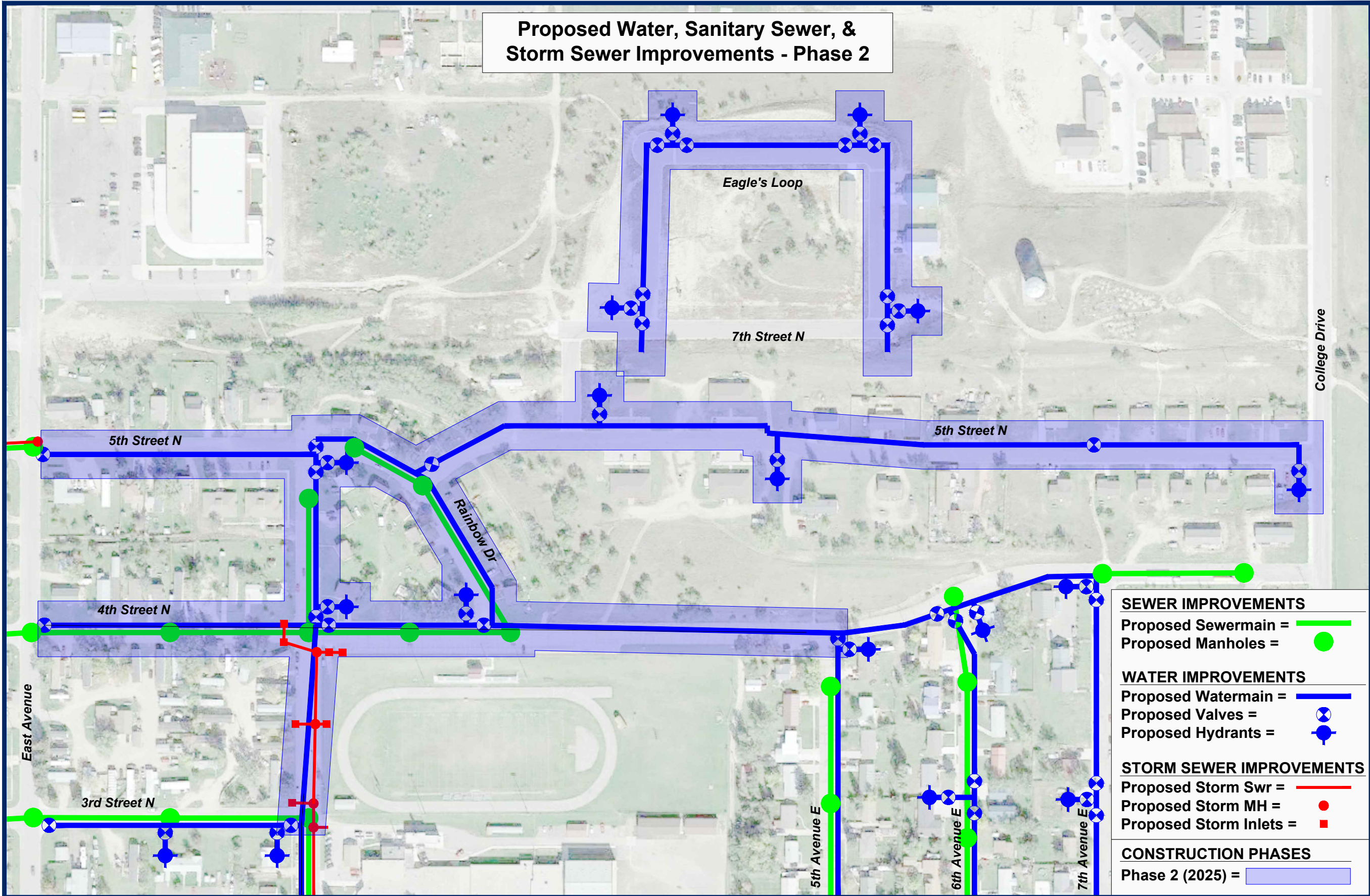
**Other Applicable Document(s):**



# Sources




**Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)**




Source	If Other, Specify Funding Source	Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Pre-Construction		Already Approved	\$0.00	\$84,996.00	\$0.00	\$84,996.00		0.00	0.00
Drinking Water State Revolving Fund			\$0.00	\$441,342.00	\$3,567,203.00	\$4,008,545.00		0.00	0.00
Clean Water State Revolving Fund			\$0.00	\$304,122.00	\$4,809,945.00	\$5,114,067.00		0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$312,095.00	\$2,808,854.00	\$3,120,949.00		0.00	0.00
			<b>\$0.00</b>	<b>\$1,142,555.00</b>	<b>\$11,186,002.00</b>	<b>\$12,328,557.00</b>			


**Proposed Water, Sanitary Sewer, & Storm Sewer Improvements - Phase 2**



**SEWER IMPROVEMENTS**  
 Proposed Sewermain =   
 Proposed Manholes = 

**WATER IMPROVEMENTS**  
 Proposed Watermain =   
 Proposed Valves =   
 Proposed Hydrants = 

**STORM SEWER IMPROVEMENTS**  
 Proposed Storm Swr =   
 Proposed Storm MH =   
 Proposed Storm Inlets = 

**CONSTRUCTION PHASES**  
 Phase 2 (2025) = 

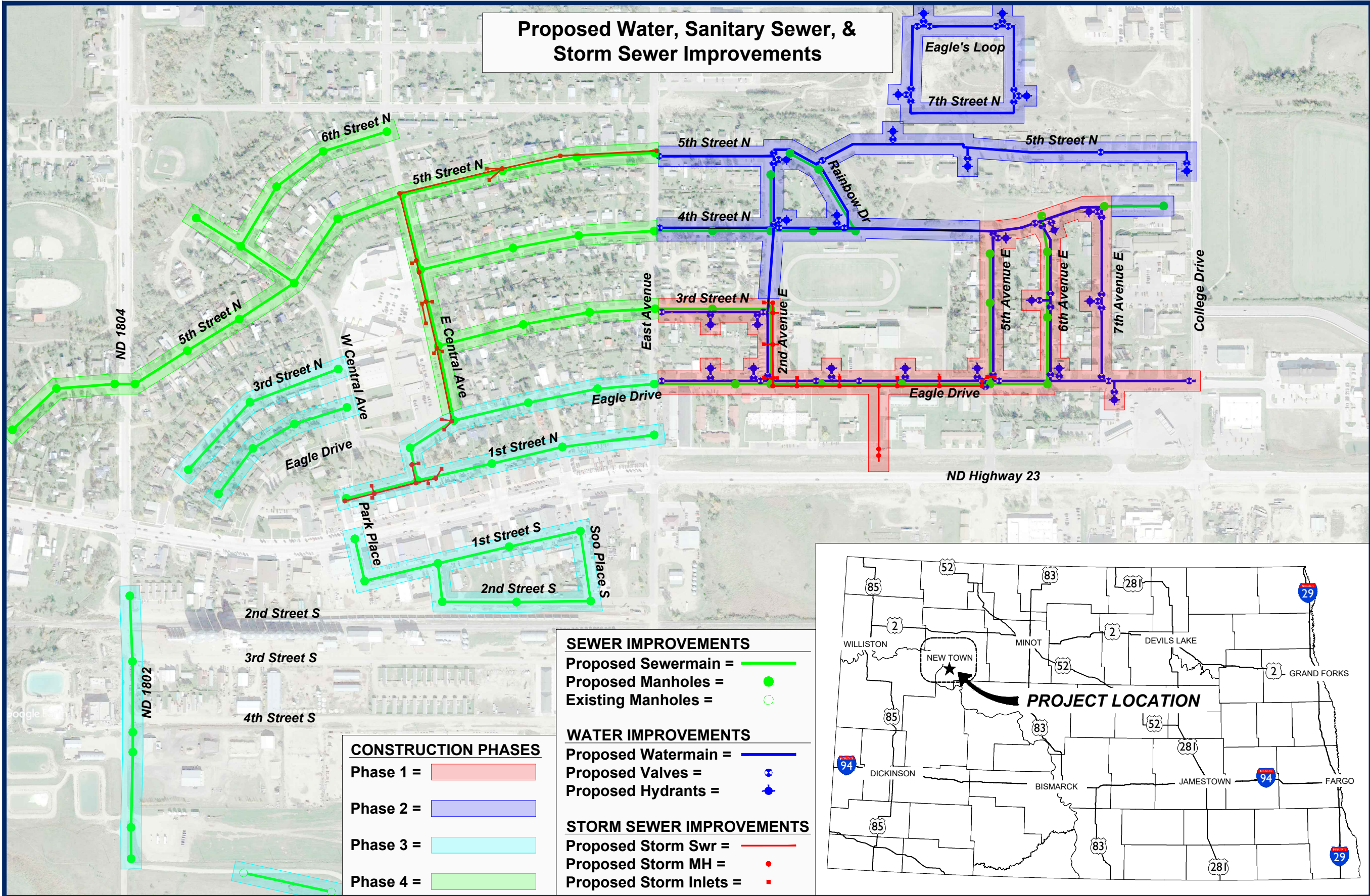
File: W:\New Town\Task Orders\Task Order #17\New Town\_Phase 2 Map\_revised.dwg



**PROPOSED PHASE 2 IMPROVEMENTS  
 NEW TOWN, NORTH DAKOTA**







**Proposed Water, Sanitary Sewer, & Storm Sewer Improvements**

**SEWER IMPROVEMENTS**

- Proposed Sewermain = —
- Proposed Manholes = ●
- Existing Manholes = ○

**WATER IMPROVEMENTS**

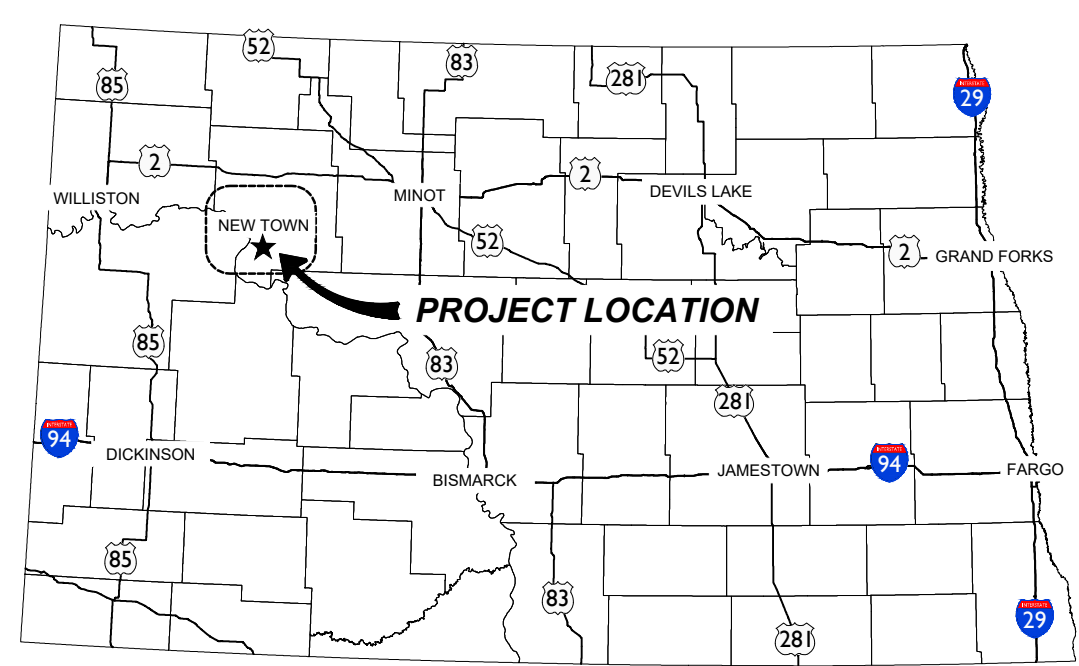
- Proposed Watermain = —
- Proposed Valves = ●
- Proposed Hydrants = ●

**STORM SEWER IMPROVEMENTS**

- Proposed Storm Swr = —
- Proposed Storm MH = ●
- Proposed Storm Inlets = ■

**CONSTRUCTION PHASES**

- Phase 1 =
- Phase 2 =
- Phase 3 =
- Phase 4 =



**NEW TOWN UTILITY IMPROVEMENTS  
NEW TOWN, NORTH DAKOTA**







**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61801 (7/2024)

DWR Date Received : December 18, 2024

<b>Project:</b>	New Town Utility Improvements - Phase II
<b>Sponsor:</b>	City of New Town
<b>Contact:</b>	Eileen Zaub, City Auditor
<b>Phone:</b>	701-627-4812
<b>Engineer:</b>	Jason Strand, AE2S
<b>Phone:</b>	701-852-4048

<b>Total Cost :</b>	\$ 12,328,555	<b>Date:</b>	November 27, 2024
<b>Ineligible Cost :</b>	\$ 6,985,314		
<b>Eligible Cost :</b>	\$ 5,343,241		
<b>Local Cost :</b>	\$ 9,122,610	<b>Cost-Share \$</b>	
			\$ 3,205,945
		<b>Preconstruction :</b>	\$ 84,996
		<b>Construction :</b>	\$ 3,120,949

<b>Project Type:</b>	Municipal Water Supply	<b>Cost-share %</b>	60%
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Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	5.9%	Mobilization	1	LS	291,270.00	\$ 291,270	60%	\$ 174,762
2	1.4%	Bonding	1	LS	67,150.00	\$ 67,150	60%	\$ 40,290
3	0.0%	Insurance	0		-	\$ -	60%	\$ -
4	0.1%	Erosion Control	1	LS	5,580.00	\$ 5,580	60%	\$ 3,348
5	0.1%	Traffic Control	1	LS	7,200.00	\$ 7,200	60%	\$ 4,320
6	5.2%	Other Services Provided By Contractor	1	LS	258,911.00	\$ 258,911	60%	\$ 155,347
7	23.0%	Paving	1	LS	1,134,228.50	\$ 1,134,229	60%	\$ 680,537
8	2.0%	Water Main 6 in	646	LF	150.00	\$ 96,900	60%	\$ 58,140
9	0.2%	Water Main 6 in	39	LF	200.00	\$ 7,800	60%	\$ 4,680
10	21.8%	Water Main 8 in	6743	LF	160.00	\$ 1,078,880	60%	\$ 647,328
11	4.7%	Water Main 8 in	1047	LF	220.00	\$ 230,340	60%	\$ 138,204
12	0.2%	Water Main 12 in	49	LF	180.00	\$ 8,820	60%	\$ 5,292
13	8.7%	Water Service Line	101	EA	4,250.00	\$ 429,250	60%	\$ 257,550
14	1.1%	Water Service Line	11	EA	5,000.00	\$ 55,000	60%	\$ 33,000
15	0.2%	Meter	4	EA	2,000.00	\$ 8,000	60%	\$ 4,800
16	6.5%	Valves	54	EA	5,944.44	\$ 321,000	60%	\$ 192,600
17	4.0%	Hydrant	18	EA	11,000.00	\$ 198,000	60%	\$ 118,800
18	0.2%	Fittings	4	EA	2,400.00	\$ 9,600	60%	\$ 5,760
19	0.9%	Fittings	18	EA	2,600.00	\$ 46,800	60%	\$ 28,080
20	0.3%	Fittings	6	EA	2,800.00	\$ 16,800	60%	\$ 10,080
21	0.1%	Fittings	2	EA	3,000.00	\$ 6,000	60%	\$ 3,600
22	0.2%	Fittings	4	EA	2,000.00	\$ 8,000	60%	\$ 4,800
23	0.2%	Fittings	2	EA	5,500.00	\$ 11,000	60%	\$ 6,600
24	0.1%	Fittings	4	EA	1,500.00	\$ 6,000	60%	\$ 3,600
25	0.4%	Fittings	11	EA	1,750.00	\$ 19,250	60%	\$ 11,550
26	3.4%	Connection to Existing Line	17	EA	10,000.00	\$ 170,000	60%	\$ 102,000
		<b>Construction Sub-Total</b>				\$ 4,491,780	60%	\$ 2,695,068
	10.0%	<b>Contingency</b>				\$ 449,178	60%	\$ 269,507
	40.1%	<b>Construction Total</b>				\$ 4,940,957	60%	\$ 2,964,574
<b>Preconstruction Costs</b>								
27	3.4%	Final Design	1	LS	168,943.58	\$ 168,944	60%	\$ 101,366
28	0.3%	Bidding / Negotiations	1	LS	15,993.33	\$ 15,993	60%	\$ 9,596
29	0.0%	Preconstruction not Previously Approved	1	LS	(43,276.91)	\$ 43,277	60%	\$ 25,966
30	0.0%		0		-	\$ -	60%	\$ -
31	0.0%		0		-	\$ -	60%	\$ -
	1.1%	<b>Preconstruction Total</b>				\$ 141,660	60%	\$ 84,996
<b>Construction Engineering Costs</b>								
32	0.5%	Construction Contract Management	1	NA	23,877.36	\$ 23,877	60%	\$ 14,326
33	4.3%	Project Inspection	1	NA	214,896.24	\$ 214,896	60%	\$ 128,938
34	0.4%	Post-Construction / Warranty	1	NA	21,850.04	\$ 21,850	60%	\$ 13,110
35	0.0%		0		-	\$ -	60%	\$ -
36	0.0%		0		-	\$ -	60%	\$ -
	2.1%	<b>Construction Engineering Total</b>				\$ 260,624	60%	\$ 156,374
<b>Other Eligible Costs</b>								
37	0.0%		0		-	\$ -	60%	\$ -
38	0.0%		0		-	\$ -	60%	\$ -
39	0.0%		0		-	\$ -	60%	\$ -
40	0.0%		0		-	\$ -	60%	\$ -
41	0.0%		0		-	\$ -	60%	\$ -
	0.0%	<b>Other Eligible Total</b>				\$ -	60%	\$ -
<b>In-eligible Costs</b>								
41	0.4%	Preconstruction not Previously Approved	1	NA	43,276.91	\$ 43,277	0%	\$ -
42	3.1%	Mobilization	1	NA	376,730.00	\$ 376,730	0%	\$ -
43	0.7%	Bonding and Insurance	1	NA	86,850.00	\$ 86,850	0%	\$ -
44	48.1%	Sewer and Street Construction	1	NA	5,935,018.00	\$ 5,935,018	0%	\$ -
45	4.4%	Engineering	1	NA	543,439.00	\$ 543,439	0%	\$ -
	56.3%	<b>Other Ineligible Total</b>				\$ 6,985,314	0%	\$ -
	99.6%	<b>Total</b>				\$ 12,328,555		
		<b>Eligible Cost Total</b>				\$ 5,343,241	60%	\$ 3,205,945
		<b>Federal or State Funds That Supplant Costs</b>				\$ -		
		<b>Eligible Cost Total</b>				\$ 5,343,241	60%	\$ 3,205,945

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** City of New Town  
**Project Title:** Utility Improvements Phase II  
**Date:** December 26, 2024

**Explanation of Alternatives:**

Do Nothing - This alternative would result in continued deterioration of underground infrastructure, increasing expenses for short-term remedies such as pipeline repairs and street patching.  
 Watermain Open-Cut Replacement (Preferred) - The City is already digging up the road to replace sanitary sewer and storm sewer infrastructure in the project area. Water utilities within the project area will be open-cut and replaced with new 8" C900 PVC pipe, ductile fittings and valves, and new poly services from the main to the boulevard. Hot bituminous pavement will be patched in a 10' wide strip over top of the utilities that are being replaced, where necessary.

**Inputs:**

New Connections Served	0	Current CIF Balance	\$559,400
Future Connections Served	0	Annual CIF Contribution	\$100,000
Current Connections Served	830	Cash Funding Target (Percentage %) New Assets	40%
Net Connections (New + Current)	830	Cash Funding Target (Percentage %) Existing Assets	40%
		Annual CIF Contribution suggested for the Project	\$153,710

	Do Nothing	Watermain Open-Cut Replacement (Preferred)	
Construction Cost	\$0	\$12,328,500	
Annual O & M	\$40,000	\$0	

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	Do Nothing	Watermain Open-Cut Replacement (Preferred)	
Capital Costs	\$0	\$12,329,000	
O&M	\$1,109,000	\$0	
Repair, Rehab, Replacement	\$0	\$0	
Salvage Value	\$0	\$0	
<b>Total PVC</b>	<b>\$1,109,000</b>	<b>\$12,329,000</b>	
<b>PV Cost Per User</b>	<b>\$1,336</b>	<b>\$14,854</b>	

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$91</b>
<b>Comparable Water Rate</b>	<b>\$48</b>
Net Connections (New + Current)	830
Cost-Share Percent	60%
Local Share	\$0
Other Funding	\$0
Total Local	\$0
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>
Local Share	\$0
Other Funding	\$0
Total Local	\$0
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>

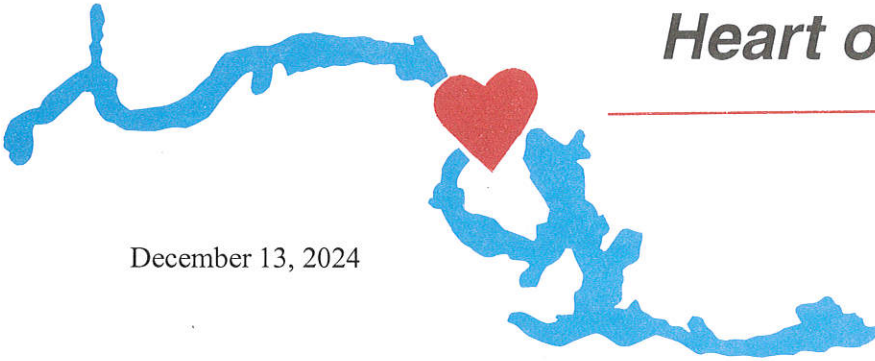
**Explanation of Results:**

The sponsor preferred project is the "Watermain Open-Cut Replacement" option. The present value cost of the preferred alternative is \$12,329,000 and the presented alternative for comparison is "Do Nothing" at a present value cost of \$1,109,000. The present value cost per user for the preferred alternative is \$14,854. The monthly user cost of the local share with DWR 60% cost-share participation is \$30.06 per month and \$75.15 without DWR participation based upon 830 current user connections.

ND Dept. of Commerce Population & Trends	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2023		
	2,768	2,725	-0.1%	-3

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.





## Heart of Lake Sakakawea

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December 13, 2024

City of New Town  
P.O. Box 309  
New Town, North Dakota 58763  
Phone: (701) 627-4812

Department of Water Resources  
Governor Doug Burgum  
1200 Memorial Highway  
Bismarck ND 58504

**Re: SWC Project No. 2050-NEW  
New Town Utility Improvements – Phase II Project  
Construction Cost-Share Request**

Governor Burgum:

The City of New Town is pleased to submit the New Town Utility Improvements Phase II construction cost-share request for consideration at the upcoming February 11, 2024 State Water Commission meeting.

This project aims to address several critical issues. The existing 70-year-old mains are outdated and have been subject to numerous patches due to frequent failures. These mains are failing at an increasingly regular rate, leading to concerns about service interruptions, escalating repair costs, and potential water contamination. The project will replace the old mains with new PVC pipes. In addition, we plan to increase to 8-inch mains, which will increase capacity and support the City's anticipated future growth.

We appreciate your considering New Town's construction cost-share request and the opportunity to present our project. We look forward to working with the North Dakota Department of Water Resources on potential funding assistance for this important project.

Sincerely,

**City of New Town**

Jay Standish  
Mayor

c: Jason Strand, PE, AE2S

Regular City Council Meeting  
Council Room  
Wednesday November 20, 2024  
5:00 PM

Members Present: Mayor Jay Standish, Council Members: Frank Sillitti, Nathaniel Mayer, Doug Bratvold arrived 5:12, Jesse Baker arrived 5:05, Others present: Bill Woods, Eileen Zaun, Troy White Owl, Scott Andersen, John Degroot, Prescott Barnes, Suzie Hayden, Jimmy Bolen, Derek Marsh, Laurie Giffey, Lisa Thelen, Bobbie Mitchell. Per Teams: Patrick Samson, Cal Oldenburg, Jason Strand.

Meeting called to order: 5:00 PM

Motion by Sillitti, seconded by Mayer to approve the Agenda.

2 Voting Aye: Motion Carried

Absent: Bratvold, Baker

### 1. Minutes:

Motion by Mayer, seconded by Sillitti to approve the Regular City Council Minutes from Wednesday October 17, 2024.

2 Voting Aye: Motion Carried

Absent: Bratvold, Baker

Motion by Sillitti, seconded by Mayer to approve the Special City Council Minutes from Thursday October 31, 2024.

2 Voting Aye: Motion Carried

Absent: Bratvold, Baker

### 2. Financials:

Motion by Mayer, seconded by Sillitti to approve the Financials and Bill Set as presented. Council Bills totaling \$1,022,164.85.

Voting Aye: Mayer, Sillitti

Absent: Bratvold, Baker: Motion Carried

**1<sup>st</sup> Month Bills:** CK#45104 D.L. Barkie Construction \$25,000.00, CK#45105 Family Support Payment Center \$793.38, CK#45106 Lowes Printing \$715.40, CK#45107 MWEC \$1,007,979.01, CK#45108 ND Child Support \$1,624.62, CK#45109 Prairie View Landscaping \$1,500.00, CK#45110 RTC \$2,763.00, CK#45111 Vestis \$2,383.88, CK#45112 Western Dakota Energy \$4,000.00, CK#45113 William Woods \$3,500.00. Total \$150,259.29. **Council Bills:** CK#45121 Ackerman/Estvold \$80,553.22, CK#45122 AE2S \$105,522.71, CK#45123 Aire-Master \$825.00, CK#45124 Void, CK#45125 Armor Interactive \$3,377.54, CK#45126 Kimberly Blue \$51.04, CK#45127 Geri Bratvold \$95.43, CK#45128 CEI Electrical \$4,217.07, CK#45129 CEI Electrical \$4,217.07, CK#45130 CEI Electrical \$168,000.00, CK#45131 Cenex Fleet \$122.60, CK#45132 Central Square \$8,359.32, CK#45133 Core & Main \$1,417.16, CK#45134 Elan Financial \$5,861.24, CK#45135 Electronic Communication \$8,409.00, CK#45136 First District Health \$90.00, CK#45137 Flowpoint Enviro. \$319.32, CK#45138 Furuseth Law \$1,000.00, CK#45139 Gaffaneys \$2,912.41, CK#45140 Graymont \$18,053.72, CK#45141 HA Thompson \$510.00, CK#45142 Hawkins \$5,079.91, CK#45143 J. Herbel \$354.95, CK#45144 Information Tech. \$334.85, CK#45145 Lowes Printing \$289.45, CK#45146 Rebecca Lyson \$125.00, CK#45147 Menards \$1,649.45, CK#45148 Bobbi Mitchell \$149.98, CK#45149 MC Promoter \$433.98, CK#45150 MC Treasurer \$3,000.00, CK#45151 MVTL \$153.00, CK#45152 NAPA \$4,073.28, CK#45153 Jack & Jill \$223.59, CK#45154 NT

Fire Department \$5,012.00, CK#45155 Northern Testing \$675.00, CK#45156 One Call \$87.85, CK#45157 Post Board \$270.00, CK#45158 Satermo's \$303.42, CK#45159 Shane Goettle \$2,680.00, CK#45160 Slawson Exploration \$157.58, CK#45161 United Quality \$7,339.61, CK#45162 Upper Missouri District Health \$175.00, CK#45163 VISA \$403.83, CK#45164 VISA \$1,271.18, CK#45165 Wagner Construction \$481,626.61, CK#45166 Abdellah \$222.31, CK#45167 Jimmy Bolen \$490.00, CK#45168 Minot Plumbing \$325.00, CK#45169 Legacy Post \$91,834.25. **Total:** \$1,022,164.85.

**3. Cemetery Fence – Jodi Finley**, We will come back to this. Finley not present.

Baker arrived at 5:05 PM

**4. Ordinance relating to the rates city council/other cities averages:**

Discussion: What are other cities with similar populations paying their mayors and council members? Currently, our Mayor receives \$650.00 for Regular City Council and \$100.00 for every Special Council Meeting. The Council Members respectively receive \$350.00 and \$100.00.

Motion by Mayer, seconded by Baker to approve NT City Mayor a flat monthly payment of \$700.00, no matter how many meetings are held. NT City Council Members will receive a flat monthly payment of \$400.00 no matter how many meetings are held. Yearly bonuses of \$1,000.00 shall remain the same.

Voting Aye: Mayer, Baker, Sillitti

Absent: Bratvold: Motion Carried

**5. Resolution Load Restrictions:**

Bratvold arrived at 5:12 PM

Motion by Mayer, seconded by Sillitti to Amend the City's previous resolution, to properly interpret the enforcement of the Truck Route requirements and Load Restrictions of New Town, ND.

**NOW, THEREFORE, BE IT RESOLVED** as follows:

1. There shall be a designated Truck Route, as defined in Section 7.0308 of the City Code.
2. Any truck that fails to use the designated Truck Route shall have violated such ordinance and shall be subject to penalties as set forth under Section 7.0305 of the City Code.
3. It shall be prima facia evidence of a violation for a truck to enter unto Main Street either East bound or West bound, and having passed thru both traffic lights maintained at the intersections of Main Street and College Drive and Main Street and West Avenue, without stopping to conduct business, make repairs, being officially detoured, or having stopped to load or unload cargo.

**IT IS FURTHER RESOLVED** that Load Limit Restrictions on all hard surface roads are set at six (6) ton per axel, with a maximum of Thirty Thousand pounds, (30,000 lbs.). Trucks traveling within the City of New Town are subject to being weighed under authority of Section 7.0304 of the City Code. Any trucks violating the truck route ordinance and regulations for overweight vehicles, as set at six (6) ton per axel, with a maximum of Thirty Thousand pounds, (30,000 lbs.), shall be subject to being weighed and if found to have exceeded the load restrictions, said truck may be impounded, assessed storage charges, costs of any court action, and additional charges as assessed under NDCC 39-12-17.

**IT IS FURTHER RESOLVED** that the following streets are designated as the City Delivery Routes: 1. North Dakota Highway #23 – between College Ave. and West Avenue.

2. West Avenue.

Trucks may use these streets provided such trucks do not exceed maximum weight limitations of One Hundred and Five Thousand Five Hundred pounds (105,500 lbs.). Use is limited to trucks with a

destination point within the official city limits, for the sole purpose of stopping to load or unload their cargo, or part of their cargo. Upon completion of said loading or unloading, the truck shall leave the official city limits by way of the nearest intersection. Any trucks transporting to or delivering or picking up cargo at locations outside the official city limits, may not use the City Delivery Routes.

All Voting Aye: Motion Carried

### **3. Jodi Finley: Cemetery Fence**

Finley hit the cemetery fence with her pickup and damaged it on February 8, 2024. Finley said her insurance had lapsed and could not turn it into insurance, but she stated she would pay for the repairs. The City had the fence repaired by Security Fence and billed Finley. She was given 4 notices to pay. After the final notice, she called Councilman Mayer, and he suggested to ask to be put on the City Council Agenda. Finley did not contact the City that she had an estimate from James Koenig for \$625.00 until she came to this council meeting. Finley is now disputing the bill and the amount of damage she did. Councilman Mayer said it was an “accident”, and the roads should have been sanded so she shouldn’t have to pay for it. Police Chief White Owl had taken pictures of the accident. The pictures showed that the road had been sanded. Finley asked the council to only charge her for the estimate she received.

Motion by Bratvold seconded by Sillitti (with discussion) to approve Finley to pay \$625.00 for the fence repair under the condition she bring in the estimate. Motion failed.

Motion by Bratvold, seconded by Sillitti to approve Finley to pay \$625.00 for the fence repair under the condition she brings in the estimate. Discussion: Why was there only 1 bid? Andersen said it is hard to get contractors, and we have worked with Security Fence in the past and it needed to get done.

Voting Aye: Bratvold, Baker, Sillitti

Voting Nay: Maye: Motion Carried

### **6. Resolution To Annex Territory into the City of New Town, (New Golf Course)**

Motion by Mayer, seconded by Baker to approve the following real property be hereby annexed into the City of New Town, pursuant to Chapter 40-51.2-07 of the North Dakota Century Code: Mountrail County, North Dakota Township 152N., Range 92 W.

Section 18: NW1/4SE1/4; NE1/4SW1/4 less 2.50 acre tract; 5 acre tract in Gov’t Lot 3; West 5.62 acres of the NE1/4SE1/4, less .21 acre tract and Right of way.

Section 18: Outlot 1 of Olson’s 2<sup>nd</sup> Addition of the SW1/4NE1/4. Section 19: Outlot 1 of the NE1/4NE1/4 (4.81 acres).

All Voting Aye: Motion Carried

Schedule for a public hearing December 18, 2024.

### **7. City Foreman: Andersen**

The new 2024 Dodge Ram 3500 has been detailed with the City logo and the sander loaded. We have already used it. There is plenty of salt/sand mix. We’ve been working on machinery in the shop, making sure everything is working properly for winter.

### **8. Water Plant Update: Oldenburg**

1). We have dug up and repaired 8 curb stops.

2). Lead & Copper Rule – Unknown letters sent out. We are compliant with the State. We will have to send letters annually to the homes that are unknown pipes. Waiting on State for next stage of funding.

3). Waste Water – Might be starting a discharge within the next month.

### **9. AE2S: Strand**

Motion by Sillitti, seconded by Baker to approve the Work Change Directive/Work Order #7 from Wagner Construction at \$61,280.59. The Work Change Directive #1 from Wagner Construction Wagner had College Drive as part of the project, but they did not have to dig it up, so that is a cost savings of \$51,369.40, bringing the final cost at \$9,911.19.

Voting Aye: Sillitti, Baker, Mayer, Bratvold: Motion Carried

We need council approval to apply for State Water Commission funding for the New Town Phase 2 Street & Utility Improvements.

Motion by Baker second Bratvold to approve applying for the State Water Commission funding for the New Town Phase 2 Street & Utilities Project.

All Voting Aye: Motion Carried.

### **10. Ackerman – Estvold: Samson**

1). Sanitary Sewer to Elbowoods: The mandrel test passed, and construction is complete. The notice of substantial completion was issued with the warranty period beginning on 10/23/24.

2). TAP – Shared Use Path from Edgewater to United Quality: Coordination and final location of the vault toilet is needed. No light will be installed. The environmental document has been approved.

Council action:

Motion by Sillitti, seconded by Bratvold to authorize Mayor Standish to sign easement agreements for the Shared Use Path.

All Voting Aye: Motion Carried

3). Elbowoods meter: Waiting for a response from MHA, Kemper is looking to order parts in case price increases after the end of the year.

4). 2025 Street Improvement Project: Topographic survey on West Central has been completed. Contract for engineering services is attached. Construction to be completed before the 2025 school year.

Motion by Mayer, seconded by Baker to approve the total fees of \$120,000 for design and construction services for the 2025 Street improvement project. (15% of the estimated \$800,000 project cost).

Voting Aye: Mayer, Baker, Sillitti, Bratvold

Motion Carried

The design to be completed in January and the Bid opening in February. Billing for design services completed in 2024 will be held until January.

### **11. Police Report: White Owl**

1). Grants: Work continues with the EOC to get grants for vehicle equipment. An LE Overtime Grant award should be finalized for the Mayor to sign in the next few days.

2). Policy manual: I will be providing another grouping of policies for review in the coming days.

3). Patrol vehicles: Still looking at funding options to replace an older vehicle due to transmission.

4). Training: Officer Kisner is still attending Academy training and is due to graduate in December. Bolen is going to Omaha NE for training with the new K-9, funds covered by the sale of K-9 Yuna.

5). Miscellaneous: Met with CEI, RTC and Armor to prepare for move to Northern Lights and discussed with Councilman Mayer regarding changing the locks to the offices in January. We will utilize prior approval purchase for Axon car camera system. Previous approval for \$37,791.00 and utilize for \$12,253.44 and first January 2025 installment of \$21,006.32

**Calls for Service: 636**

**12. Building Permits:**

Motion by Baker, seconded by Mayer to approve Geraldine Bratvold at 307 6<sup>th</sup> St N, re-shingle roof.

All Voting Aye: Motion Carried

Motion by Bratvold, seconded by Sillitti to approve North Segment at 348 Main St, re-shingle roof.

All Voting Aye: Motion Carried

Motion by Mayer, seconded by Bratvold to approve Elbowoods Regenerative Medicine Clinic at 804 Arikara Dr., Rough Mass Grading.

All Voting Aye: Motion Carried

Motion by Baker, seconded by Bratvold to approve Josy Dancing Bull at 426 4<sup>th</sup> St N, wood fence.

All Voting Aye: Motion Carried

Motion by Bratvold, seconded by Baker to approve Gustavo Saldana at 434 Eagle Dr., replace roof.

All Voting Aye: Motion Carried

Motion by Sillitti, seconded by Bratvold to approve Paul Grady at 406 4<sup>th</sup> St N, metal roof.

All Voting Aye: Motion Carried

**Council Concerns:**

**13. School's bill from Wagner, extra work they did for the school not in the contract.**

A memorandum was given to the NT Schools from AE2S discussing the construction costs for installing storm sewer during the 2023 Street & Utilities project in the amount of \$1,241,146.50. The School requested additional water and sewer utilities for the New Town school housing project on the south side of Eagle Drive. The additional work request was not in the original project. The amount of the additional work is \$18,196.00. The City sent out both bills to the School. The School sent a check for \$1,000,000.00 for the projects. Councilman Bratvold said he told the School Board not to pay for the additional costs. He says the School offered 1 Million and nothing more. He also said that the new School housing work was a part of the original agreement. The remaining amount due is \$259,342.50. Councilman Bratvold was adamant the School should only pay 1 million. Much discussion.

Meeting adjourned: 7:20PM

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Jay Standish, Mayor

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Lisa Thelen, Office Clerk



# 1084019 - City of Medora - New Water Storage Reservoir

## Application Details

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<b>Funding Opportunity:</b>	1083251-June 2024 - October 2024 Infrastructure Request	<b>Initial Submit Date:</b>	Oct 18, 2024 8:01 PM
<b>Funding Opportunity Due Date:</b>	Oct 21, 2024 8:00 AM	<b>Initially Submitted By:</b>	Shannon Hewson
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

<b>Active User*:</b>	Yes
<b>Type:</b>	External User
<b>Name:</b>	Mr. Shannon
	Salutation First Name
Middle Name	Hewson
	Last Name
<b>Title:</b>	Project Engineer
<b>Email*:</b>	shannonh@broszengineering.com
<b>Address*:</b>	109 S. Main Box 357

### Organization Information

<b>Status*:</b>	Approved
<b>Name*:</b>	City of Medora
<b>Organization Type*:</b>	Municipal Government
<b>Tax Id:</b>	City of Medora
<b>Organization Website:</b>	
<b>Address*:</b>	P.O. BOX 418A

	Bowman North Dakota		Medora North Dakota
	City State/Province		City State/Province
58623		58545-_____	
Postal Code/Zip		Postal Code/Zip	
<b>Phone*:</b>	701-523-3340 Ext.	<b>Phone*:</b>	701-623-4828 Ext.
	Phone		###-###-####
	###-###-####	<b>Fax:</b>	###-###-####
<b>Fax:</b>	###-###-####	<b>Vendor ID:</b>	
<b>Comments:</b>		<b>PeopleSoft Supplier ID:</b>	
		<b>Comments:</b>	
		<b>Location Code:</b>	

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** New Water Storage Reservoir

**Sponsor(s)\*:** City of Medora

**County\*:** Billings

**City\*:** Medora

**Description of Request\*:** New

**If Study, What Type:**

**If Project/Program, What Type:** Municipal Water Supply

**Jurisdictions/Stakeholders Involved\*:**  
City of Medora

**Describe the Problem\*:**

The City of Medora currently has two water storage reservoirs in use. The original is a steel tank constructed in 1963 with a storage capacity of 50,000 gallons. In 2014, a second reservoir was

constructed. The tank is noted to have a storage capacity of 150,000 gallons but only has a usable capacity of 97,000 gallons (40'x40'x8.1'). The City averaged 120,604 gallons per day of usage from 2020-2023.

**Provide Project Details,  
Objectives and Solutions to  
Address Problem\*:**

The 1963 tank is in need of replacement and the City would like to replace the existing reservoir. The current average demand exceeds the 2014 tanks capacity and the projected future demand will be approximately 227,000 gallons per day. Install a new 150,000 gallon storage reservoir to replace the existing 50,000 gallon storage reservoir.

For this project,

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\*** 140

For this project,

**What is the Benefited Population?\*** 140

**Have Assessment Districts Been Formed?\*** No

**Have Land or Easements Been Acquired?\*** Yes

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\*** No

**Have You Applied For Any Federal Permits?\*** No

**Have You Applied for any State Permits?\*** No

**Have You Applied for any Local Permits?\*** No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
 (Example: Hazard Mitigation Grant Program)  
 \*:

**Implementation Timelines**

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: 12/8/2023  
**Design Completion\***: 3/8/2025  
**Bid\***: 4/5/2025  
**Construction Start\***: 6/1/2025  
**Construction Completion\***: 12/1/2025

**Explain Additional Timeline Issues\***:

N/A

**Consulting Engineer\***: Brosz Engineering, Inc.  
**Engineer Telephone Number\***: 701-523-3340  
**Engineer Email\***: shannonh@broszengineering.com

***Certification (Must Be Completed by Project Sponsor)***

**Submitted by\***: ivy          maus          10/18/2024  
 First Name   Last Name   Date

**Address\***: p.o. box 418a  
 Address Line 1  
 Address Line 2

medora North Dakota 58645-\_\_\_\_\_

City State Zip Code

**Telephone Number\*:** 701-623-4828

**Sponsor Email\*:** ivy\_maus@medorand.gov

**It is an Offense to** Yes

**Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

**Authorized Individual\*:** Ivy Maus 10/18/2024  
 First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** Yes

[CLICK HERE to see examples.](#)

**Project Specific Map**

Medora 1-Mile ETZ Map 4-2-20 - New Water Storage.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking SRF or IRLF Funding?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:**

sfn\_61801\_delineation\_of\_cost - Medora New Water Storage Reservoir.xlsx

**Type of Request:** Preconstruction

**Water Supply Projects?:** No

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No

**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

**Sovereign Land Permit, if Required:**

**DWR Construction Permit, if Required:**



**Conditional Letter of Map  
Revision (CLOMR), if  
Required:**

**Feasibility/Engineering Study  
for the Proposed Project:** Yes

**Feasibility/Engineering Study  
Material:** \_Final\_Medora Water Capacity Technical Memo 12.08.2023.pdf

**Photos of Problem/Issue:**

**Other Applicable  
Document(s):** No

**Sources**

***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

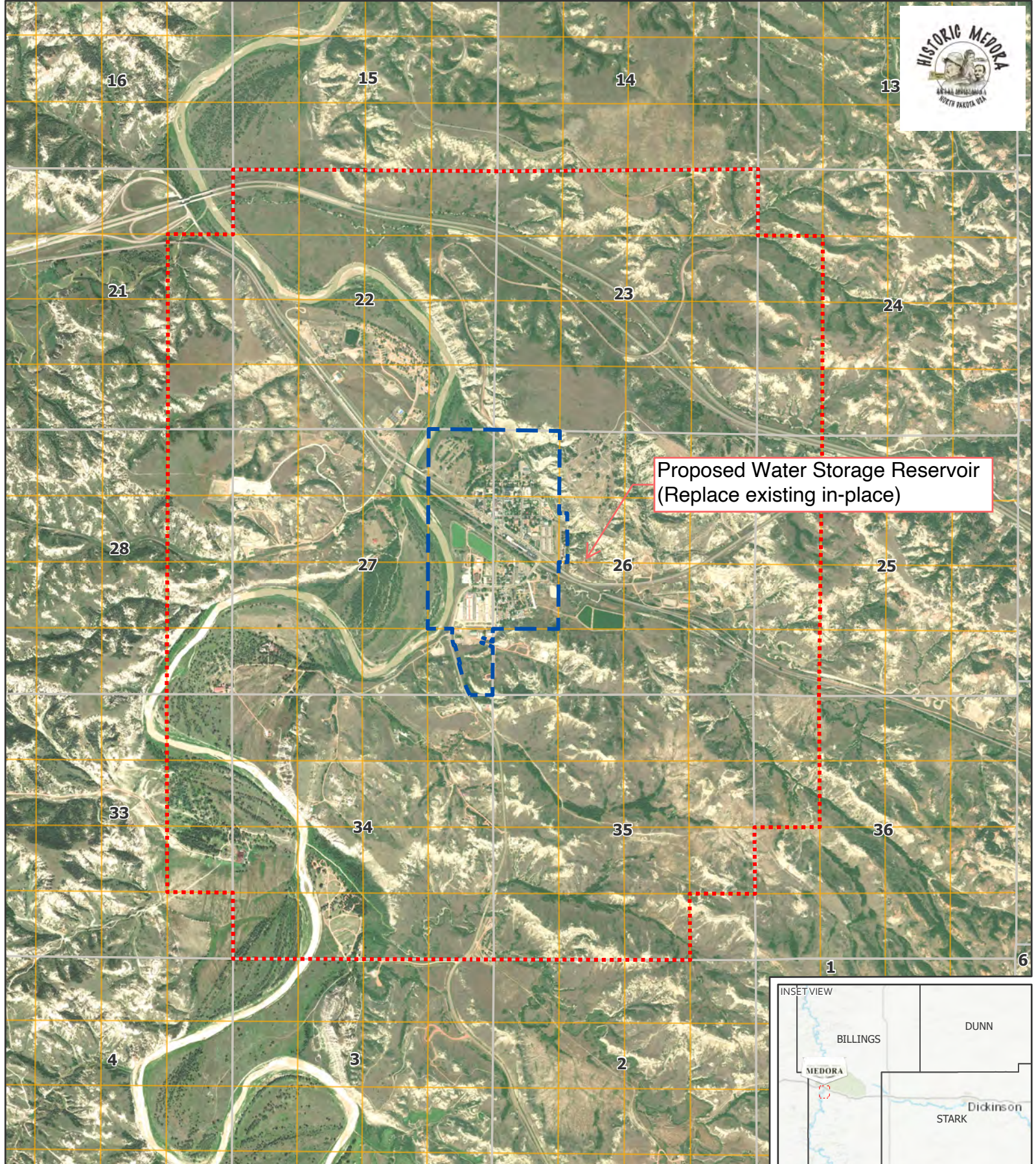
<b>Source</b>	<b>If Other, Specify Funding Source</b>	<b>Source Status</b>	<b>State Fiscal Year 1 July to June</b>	<b>State Fiscal Year 2 July to June</b>	<b>Beyond Current Biennium</b>	<b>Total Cost</b>	<b>Type</b>	<b>Term</b>	<b>Interest Rate</b>
Department of Water Resources Cost Share Pre-Construction		Current Request	\$63,000.00	\$0.00	\$0.00	\$63,000.00	Grant	0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$621,330.00	\$0.00	\$621,330.00	Grant	0.00	0.00
Other	City of Medora	Already Approved	\$42,000.00	\$414,220.00	\$0.00	\$456,220.00		0.00	0.00
			<b>\$105,000.00</b>	<b>\$1,035,550.00</b>	<b>\$0.00</b>	<b>\$1,140,550.00</b>			





1" = 0.5 MI

# MEDORA 1-MILE ETZ MAP



Proposed Water Storage Reservoir  
(Replace existing in-place)







**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SPN 61801 (7/2024)

DWR Date Received : October 21, 2024

<b>Project:</b>	New Water Storage Reservoir
<b>Sponsor:</b>	City of Medora
<b>Contact:</b>	Ivy Maus, Auditor
<b>Phone:</b>	701-623-4828
<b>Engineer:</b>	Shannon Hewson, Brosz Engineering Inc.
<b>Phone:</b>	701-523-3340

<b>Total Cost :</b>	\$ 1,140,550	<b>Date:</b>	September 4, 2024
<b>Ineligible Cost :</b>	\$ -		
<b>Eligible Cost :</b>	\$ 1,140,550	<b>Cost-Share \$</b>	\$ 684,330
<b>Local Cost :</b>	\$ 456,220	<b>Preconstruction :</b>	\$ 63,000
		<b>Construction :</b>	\$ 621,330

<b>Project Type:</b>	<b>Cost-share %</b>
Municipal Water Supply	60%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	9.6%	Mobilization	1	LS	90,000.00	\$ 90,000	60%	\$ 54,000
2	1.1%	Bonding	1	LS	10,000.00	\$ 10,000	60%	\$ 6,000
3	1.1%	Insurance	1	LS	10,000.00	\$ 10,000	60%	\$ 6,000
4	1.7%	Erosion Control	1	LS	15,500.00	\$ 15,500	60%	\$ 9,300
5	1.1%	Traffic Control	1	LS	10,000.00	\$ 10,000	60%	\$ 6,000
6	61.1%	Reservoir and Storage - Concrete	1	LS	572,000.00	\$ 572,000	60%	\$ 343,200
7	0.6%	Water Main 10 in	50	LF	120.00	\$ 6,000	60%	\$ 3,600
8	1.4%	Gate Valve	2	EA	6,500.00	\$ 13,000	60%	\$ 7,800
9	1.5%	Pipeline Appurtenances	7	EA	2,000.00	\$ 14,000	60%	\$ 8,400
10	3.2%	Demolition	1	LS	30,000.00	\$ 30,000	60%	\$ 18,000
11	8.6%	Analytical Equipment	1	LS	80,000.00	\$ 80,000	60%	\$ 48,000
12	0.0%		0		-	\$ -	60%	\$ -
13	0.0%		0		-	\$ -	60%	\$ -
14	0.0%		0		-	\$ -	60%	\$ -
15	0.0%		0		-	\$ -	60%	\$ -
16	0.0%		0		-	\$ -	60%	\$ -
17	0.0%		0		-	\$ -	60%	\$ -
18	0.0%		0		-	\$ -	60%	\$ -
19	0.0%		0		-	\$ -	60%	\$ -
20	0.0%		0		-	\$ -	60%	\$ -
21	0.0%		0		-	\$ -	60%	\$ -
22	0.0%		0		-	\$ -	60%	\$ -
23	0.0%		0		-	\$ -	60%	\$ -
24	0.0%		0		-	\$ -	60%	\$ -
25	0.0%		0		-	\$ -	60%	\$ -
26	0.0%		0		-	\$ -	60%	\$ -
		<b>Construction Sub-Total</b>				\$ 850,500	60%	\$ 510,300
	10.0%	<b>Contingency</b>				\$ 85,050	60%	\$ 51,030
	82.0%	<b>Construction Total</b>				\$ 935,550	60%	\$ 561,330
<b>Preconstruction Costs</b>								
27	1.6%	Geotechnical Investigations	1	LS	15,000.00	\$ 15,000	60%	\$ 9,000
28	3.7%	Preliminary Design	1	LS	35,000.00	\$ 35,000	60%	\$ 21,000
29	3.7%	Final Design	1	LS	35,000.00	\$ 35,000	60%	\$ 21,000
30	1.1%	Bidding / Negotiations	1	LS	10,000.00	\$ 10,000	60%	\$ 6,000
31	1.1%	Cultural Resources	1	LS	10,000.00	\$ 10,000	60%	\$ 6,000
	9.2%	<b>Preconstruction Total</b>				\$ 105,000	60%	\$ 63,000
<b>Construction Engineering Costs</b>								
32	10.7%	Project Inspection	1	LS	100,000.00	\$ 100,000	60%	\$ 60,000
33	0.0%		0		-	\$ -	60%	\$ -
34	0.0%		0		-	\$ -	60%	\$ -
35	0.0%		0		-	\$ -	60%	\$ -
36	0.0%		0		-	\$ -	60%	\$ -
	8.8%	<b>Construction Engineering Total</b>				\$ 100,000	60%	\$ 60,000
<b>Other Eligible Costs</b>								
37	0.0%		0		-	\$ -	60%	\$ -
38	0.0%		0		-	\$ -	60%	\$ -
39	0.0%		0		-	\$ -	60%	\$ -
40	0.0%		0		-	\$ -	60%	\$ -
41	0.0%		0		-	\$ -	60%	\$ -
	0.0%	<b>Other Eligible Total</b>				\$ -	60%	\$ -
<b>In-eligible Costs</b>								
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
45	0.0%		0		-	\$ -	0%	\$ -
	0.0%	<b>Other Ineligible Total</b>				\$ -	0%	\$ -
100.0%		<b>Total</b>				\$ 1,140,550		
		<b>Eligible Total</b>				\$ 1,140,550	60%	\$ 684,330
<b>Federal or State Funds That Supplant Costs</b>								
						\$ -		
		<b>Eligible Cost Total</b>				\$ 1,140,550	60%	\$ 684,330

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** City of Medora  
**Project Title:** New Water Storage Reservoir  
**Date:** December 12, 2024

**Explanation of Alternatives:**

No Build - No Action and water supply will be jeopardized during average and peak demand.  
 New Water Storage Reservoir - Replace existing 50,000-gallon reservoir with new 150,000-gallon reservoir to bring practical storage to approximately peak demand.  
 Update Existing Water Plant & Install Booster Pumps - Return existing 1973 Water Plant Storage into service.

**Inputs:**

New Connections Served	0	Current CIF Balance	\$100,000
Future Connections Served	40	Annual CIF Contribution	\$20,000
Current Connections Served	140	Cash Funding Target (Percentage %) New Assets	35%
Net Connections (New + Current)	140	Cash Funding Target (Percentage %) Existing Assets	50%
		Annual CIF Contribution suggested for the Project	\$12,590

	No Build	New Water Storage Reservoir	Update Existing Water Plant & Install Booster Pumps
Construction Cost	\$0	\$1,140,600	\$803,500
Annual O & M	\$0	\$17,000	\$35,000

**Details:**

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	No Build	New Water Storage Reservoir	Update Existing Water Plant & Install Booster Pumps
Present Value			
Capital Costs	\$0	\$1,141,000	\$804,000
O&M	\$0	\$455,000	\$936,000
Repair, Rehab, Replacement	\$0	\$328,000	\$505,000
Salvage Value	\$0	\$9,000	\$34,000
<b>Total PVC</b>	<b>\$0</b>	<b>\$1,915,000</b>	<b>\$2,211,000</b>
<b>PV Cost Per User</b>	<b>\$0</b>	<b>\$13,679</b>	<b>\$15,793</b>

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$50</b>
<b>Comparable Water Rate</b>	<b>\$50</b>
Net Connections (New + Current)	140
Cost-Share Percent	60%
Local Share	\$0
Other Funding	\$0
Total Local	\$0
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>
Local Share	\$0
Other Funding	\$0
Total Local	\$0
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>

**Explanation of Results:**

The sponsor preferred project is the "New Water Storage Reservoir" option. The present value cost of the preferred alternative is \$1,915,000 and the presented alternative for comparison is "Update Existing Water Plant & Install Booster Pumps" at a present value cost of \$2,211,000. The present value cost per user for the preferred alternative is \$13,679. The monthly user cost of the local share with DWR 60% cost-share participation is \$16.49 per month and \$41.23 without DWR participation.

ND Dept. of Commerce Population & Trends	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2023		
	117	155	2.5%	3

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.



November 6, 2024

ND Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58504-5262

RE: City of Medora – New Water Storage Reservoir and Pacific Avenue Water Main Replacement

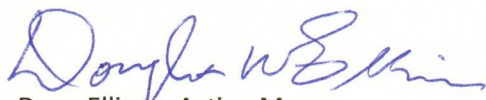
To Whom It May Concern,

The City of Medora is currently planning two projects to replace the existing infrastructure within the community.

The first is replacement of the existing 50,000-gallon reservoir with a new 150,000-gallon water storage reservoir. The City acknowledges that they are applying for a cost share to the DWR. The total cost of the project is estimated at \$1,140,550.00, with a DWR share of \$684,330.00. The DWR share requested is 60% of the project cost which will be split between a pre-construction request of \$43,500.00 and a construction request of \$621,330.00.

The second is the replacement of the existing Pacific Avenue Water Main. The City acknowledges that they are applying for a cost share to the DWR. The total cost of the project is estimated at \$707,650.00, with a DWR share of \$424,590.00. The DWR share requested is 60% of the project cost which will be split between a pre-construction request of \$43,500.00 and a construction request of \$381,090.00.

Sincerely,

  
Doug Ellison, Acting Mayor  
City of Medora

465 Pacific Avenue  
P.O. Box 418A  
Medora, ND 58645

mauditor@midstate.net  
www.medorand.com  
701.623.4828  
Fax 701.623.4924

**CITY OF HISTORIC MEDORA**

City of Medora

Draft Minutes of Regular Meeting

November 6, 2024

(Subject to Council review and approval)

Meeting was called to order at 6:00pm by Mayor Douglas Ellison. Present were Council Members Tracy Sexton, Jodi Johnson, and Clarence Sitter, Administrator Ivy Maus, City Attorney Sandra Kuntz and City Engineer Shannon Hewson.

Election was held on November 5, 2024 and the new Mayor Elect Derwin Zuroff will be certified later this month.

Minutes from October 1, 2024 were reviewed. Jonson moved to approve the minutes from October 1, 2024, Sitter seconded. Motion passed unanimously.

**Department Reports**

**City Engineer Shannon Hewson** – A written report was provided.

**City Attorney Report** – A written report was provided.

**Police Report** – A written report was provided

**Public Works Report** – Discussion was had on a proposal from Ideal Energy to update to LED lighting in the city buildings. They went around to all the city buildings and the Community Center qualified for the 50/50 share which would give the community center a cost of \$5,600 to cover the lighting.

Tracy made a motion to move \$40,000 from park and rec to Medora Community Center fund, which would cover the lighting and other updates to the building, Sitter seconded. Motion passed unanimously.

Sitter moved to approve the proposal from Ideal Energy for LED lighting for the Community Center contingent upon getting the grant and that there is no down payment, Sexton seconded. Motion passed unanimously.

**MCC Report** – A written report was provided.

**City Auditor's Report** – A motion was made by Sitter for City of Medora to affirm to North Dakota Public Employees Retirement System the The City of Medora is formed pursuant to N.D.C.C 40-01 and is neither a non-profit corporation nor a for-profit corporation, to join the NDPERS Public Safety Defined Benefit Retirement Plan and offer the plan to all eligible employees of The City of Medora. The motion was seconded by Johnson. The Board approved joining the NDPERS Public Safety Defined Benefit Retirement Plan effective January 1, 2025. Motion passed unanimously.

**New Business:**

Ivy Maus and Tracy Sexton will be doing the Election Canvassing on November 18<sup>th</sup> at Billings County Courthouse at 10:00 am.



TRMF Infrastructure Request – Discussion will continue at next month’s city council meeting on December 3rd.

Public Update Pacific Ave Reconstruction Project- Jason Fischer with NDDOT and Mike Njos with Ames Construction gave a presentation and overview regarding the project on Pacific Ave. Discussion was continued in the DeMore’s Hall for the public for any concerns or questions regarding the project.

Ames Construction Office Trailer Request – Sitter stated TRMF will be working on a lease agreement with Ames Construction, will be asking Ames to clean up garbage, do maintenance, and to remediate the land back to existing condition.

Ellison made a motion to approve the zoning application for the office trailers and egg trailer contingent upon their contract being approved with the Theodore Roosevelt Medora Foundation, Johnson seconded. Sitter abstained from voting due to conflict of interest. Motion passed unanimously.

Cowboy Christmas/MCC Decorations/Kids Movie – Discussion was had.

FFA – MCC Rate Request – Sexton made a motion to give FFA a 50% discount for use of the MCC, Johnson seconded. Motion passed unanimously.

City Housing Rent Rates/Inspections – Ellison made a motion to increase the City housing rent by \$100 putting the rent at \$700 and increasing the City trailer \$50 putting the rent at \$400 beginning on January 1, 2025, Sitter seconded. Motion passed unanimously.

### Miscellaneous Business

A Zoning Board Position will be opening at the end of this year 2024. And new term will begin January of next year 2025. If anyone one is interested may talk with any of the city council members.

Hewson stated for even submitting an application for a grant, the Department of Water Resources requires a letter from the City of Medora, included in the letter the cost share amounts for the storage tank on pacific Ave that were discussed in the budget meetings, and attached a copy of the informal minutes discussing the project going on. Sexton made a motion to approve the letter stating the cost share amounts on the storage tank and Pacific Ave, and having Acting Mayor Douglas Ellison sign it, Ellison seconded. Motion passed unanimously.

### Financial Statements

-99963	AT&T Mobility	683.19	CL	8975
-99962	RTC Networks	903.65	CL	8994
-99961	RTC Networks	151.42	CL	8997
-99960	SOUTHWEST WATER AUTHORITY	244.57	CL	9003
3405	CORDOVA CONSTRUCTION	2473.00	CL	8983
3406	ROUGH RIDER ELECTRIC COOP, INC	1640.36	CL	8969
3407	ONE CALL CONCEPTS	7.50	CL	8953
3409	THEODORE ROOSEVELT MEDORA FDTN	39000.00	CL	8961
3410	ND RURAL WATER SYSTEMS ASSOC	33.32	CL	8963
3411	SOUTHWEST WATER AUTHORITY	24994.39	CL	8998
3412	SOUTHWESTERN DISTRICT HEALTH UNIT	50.00	CL	9005
5468	SOUTHWESTERN DISTRICT HEALTH UNIT	25.00	CL	8960

5469	ROUGH RIDER ELECTRIC COOP, INC	63.00	CL	8970
5470	SOUTHWEST WATER AUTHORITY	2242.30	CL	9006
19973	Superior Water Treatment	70.00	CL	8974
19974	Nissen Slabjacking inc.	840.00	CL	8991
19975	RDO Equipment Co.	435.84	CL	8992
19976	R & R Auto, Farm & Electric, Inc.	782.09	CL	8979
19977	GEORGE'S TIRE LTD	696.00	CL	8989
19978	HANSON LUMBER CO.	240.00	CL	8988
19979	FARMERS UNION	419.97	CL	8987
19981	NITRO-GREEN	411.54	CL	8985
19982	Advanced Business Methods	232.34	CL	8984
19983	PATRIOT FIRE & SAFETY INC.	1648.99	CL	8981
19984	PUMP SYSTEMS LLC	300.00	CL	8978
19985	BERGER ELECTRIC, INC.	15442.00	CL	8977
19986	GALLS, LLC	151.89	CL	8976
19987	ITD	83.90	CL	8962
19988	BOSS OFFICE PRODUCTS	97.94	CL	8993
19990	Dickinson Area Chamber of Commerce	99.00	CL	8996
19991	ROUGH RIDER ELECTRIC COOP, INC	2894.45	CL	8967
19992	ROUGH RIDER ELECTRIC COOP, INC	866.94	CL	8968
19993	Evan Beach	200.00	CL	8954
19994	Legal Edge Solutions, PLLC	2100.00	CL	8964
19995	FIRST STATE BANK	2171.09	CL	8965
19996	G&G GARBAGE	587.80	CL	8973
19998	MENARDS-DICKINSON	351.89	CL	8982
19999	DAKOTA DUST-TEX, INC.	402.20	CL	8999
20000	BRAUN DISTRIBUTING	71.00	CL	9000
20001	SHARE CORP	1457.00	CL	9001
20002	BELFIELD AUTO SUPPLY, INC	37.86	CL	9002
20004	STEIN'S, INC	852.74	CL	9004
-86943	AFLAC2 AFLAC	211.16		
-86942	DEFERRED COMP NDPERS DEFERRED COMP DEP	730.00		
-86941	DENTAL INSURANC AMERITAS	988.58		
-86940	FIT EFTPS	8674.02		
-86939	NDPERS RETIRE NDPERS RETIREMENT	2134.63		
-86938	NDPERS RETIRMEN NDPERS	3512.57		
-86936	SIT OFFICE OF STATE TAX COMM	372.65		
-86935	VISION INSURANC FIDELITY SECURITY LIFE (	114.78		
19966	119 Evan Beach	1522.22		

**Payroll for October 49,175.79**

Payroll, Claim Vouchers, Financials – review and approval. Johnson made a motion for approval of the financials, Sexton seconded. Motion passed unanimously.

Sexton stated that City Attorney Sandra Kuntz is in contact regarding the contract for the webpage. It is being worked on, hopefully in the beginning of the year we will have a new medorand.gov webpage.

Sitter discussed Chateau Road will be a construction project by the DOT starting possibly in the fall of 2025.

**Deadline for Zoning Applications is Friday, November 8, 2024 @12:00pm, Zoning meeting on Tuesday November 19, 2024 @ 6:00pm. Deadline for Council Agenda items Friday, November 29, 2024 @ 12:00pm, Next Council Meeting Tuesday December 3, 2024 @ 6:00pm.**

Sexton made a motion to adjourn, Ellison adjourned at 7:18pm.

Attest \_\_\_\_\_ Douglas Ellison, Mayor

Attest \_\_\_\_\_ Ivy Maus, City Auditor

**Water Development Plan: Yes (2023)**  
**Plan Priority: High**

**G 5**

# 1084520 - WAWSA MCWRD Phase II Transmission Line - Increase

## Application Details

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<b>Funding Opportunity:</b>	1084196-October 2024 - June 2025 Infrastructure Request	<b>Initial Submit Date:</b>	Dec 23, 2024 10:42 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2025 3:00 PM	<b>Initially Submitted By:</b>	Abby Ritz
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Abby  
First Name

Middle Name Ritz  
Last Name

**Title:**

**Email\*:** abby.ritz@ae2s.com

**Address\*:** 1815 Schafer Street, Suite 301

### Organization Information

**Status\*:** Approved

**Name\*:** Western Area Water Supply Authority

**Organization Type\*:** Municipal Government

**Tax Id:** 45-2909916

**Organization Website:**

**Address\*:** PO Box 2343

AE2S

Bismarck North Dakota  
City State/Province

Williston North Dakota  
City State/Province

58501  
Postal Code/Zip

58802-2343  
Postal Code/Zip

**Phone\*:** 701-221-0530 Ext.  
Phone  
###-###-####

**Phone\*:** (701) 774-6605 Ext.  
###-###-####

**Fax:** ###-###-####

**Fax:** ###-###-####

**Comments:**

**Vendor ID:**

**PeopleSoft  
Supplier ID:**

**Comments:**

**Location  
Code:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study  
Name\*:** MCWRD Phase II Transmission Line

**Sponsor(s)\*:** Western Area Water Supply Authority

**County\*:** McKenzie

**City\*:** Watford City

**Description of Request\*:** Updated (previously submitted)

**If Study, What Type:**

**If Project/Program, What  
Type:** Rural Water Supply

**Jurisdictions/Stakeholders  
Involved\*:**

WAWSA, City of Williston, McKenzie County Water Resource District, Northwest Rural Water District, R&T Water District, BDW Rural Water

**Describe the Problem\*:**

Water demands in McKenzie County continue to expand with population growth, commercial and industrial water demand growth, and as agricultural producers look for reliable water supplies. The existing system has a maximum delivery capacity of 7.5 million gallons per day. If current water use and growth patterns continue going forward, water demands in McKenzie County are projected to exceed the capacity of the existing water delivery system in McKenzie County by 2030.

Need for Increase: The Project mainly traverses United States Army Corps of Engineers (USACE) property. The Project was anticipated to have the USACE permit in hand by the end of year 2022 or first quarter 2023. Through 2023 and 2024, WAWSA/MCWRD have been given multiple different dates from the USACE as to when the Project would be permitted. The easement and construction permit from the USACE were received and fully signed by all parties at the end of September 2024.

**Provide Project Details, Objectives and Solutions to Address Problem\*:**

The purpose of the proposed project is to provide McKenzie County with a supplemental water delivery system through the construction of a parallel pipeline from the Williston Water Treatment Plant to the Lewis and Clark Pump Station in McKenzie County. This project is the first phase of a planned multi-phase expansion of the water delivery system to Watford City. During the initial years of the Bakken oil boom, a Minot State University study predicted a service population for McKenzie County of 4,500 residents by 2035. Today's estimated service population is over 15,000. WAWSA and the McKenzie County Water Resource District have made system improvements to expand delivery capacity in the County, however, even with these improvements, the capacity of the current system is expected to be exceeded by 2030 if population and water demand growth patterns continue.

For this project,

**Choose City, County, Water District or Other\*:** Water District

**What is the Current Estimated Population?\*** 15000

For this project,

**What is the Benefited Population?\*** 35000

**Have Assessment Districts Been Formed?\*** No

**Have Land or Easements Been Acquired?\*** Yes

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\*** No

**Have You Applied For Any Federal Permits?\*** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

USACE Easement No. DAWC45-2-12-8010  
 Regulatory Permit No. NWO-2021-00753-BIS  
 TEMPORARY CONSTRUCTION LICENSE NO. DACW45-3-24-8031

**Have You Been approved for any Federal Permits?\*** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

USACE Easement No. DAWC45-2-12-8010  
 Regulatory Permit No. NWO-2021-00753-BIS  
 TEMPORARY CONSTRUCTION LICENSE NO. DACW45-3-24-8031

**Have You Applied for any State Permits?\*** No

**Have You Applied for any Local Permits?\*** No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\*** No



**Have You Received, or Do You Anticipate Receiving Federal Funding?** No

(Example: Hazard Mitigation Grant Program)

\*:

### Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 10/2021

**Design Completion\*:** 08/2022

**Bid\*:** 12/2024

**Construction Start\*:** 05/2025

**Construction Completion\*:** 10/2026

### Explain Additional Timeline

**Issues\*:**

Project timeline was delayed due to permitting. Now that we have an approved permit, we do not anticipate any additional timeline issues.

**Consulting Engineer\*:** Weston McGruder

**Engineer Telephone Number\*:** 701-774-3080

**Engineer Email\*:** Weston.McGruder@ae2s.com

### *Certification (Must Be Completed by Project Sponsor)*

**Submitted by\*:** Chris Barke 12/23/2024  
First Name Last Name Date

**Address\*:** 1117 E. Broadway  
Address Line 1  
Address Line 2  
 Williston North Dakota 58801-0000  
City State Zip Code

**Telephone Number\*:** 701-774-6605

**Sponsor Email\*:** chris.barke@wawsp.com

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:** Chris Barke 12/23/2024

First Name Last Name Date

**Title/Position/Authority\*:** Interim Executive Director

## Documentation

---

### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:**

No

CLICK HERE to see examples.

**Project Specific Map**

03\_WAWSA\_MCWRD\_Phase\_II\_Transmission\_Project\_Map.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking SRF or IRLF Funding?\***

No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** 02\_WAWSA\_Draft\_Meeting\_Minutes.pdf

**Cover Letter:**

01\_WAWSA\_MCWRD\_Phase\_II\_Transmission\_Construction\_Increase\_Funding\_Request\_Cover\_Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:**

04\_WAWSA\_MCWRD\_Phase\_II\_Transmission\_Delineation\_of\_Cost.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** 08\_WAWSA\_MCWRD\_Phase\_II\_Transmission\_PlansandSpecs.pdf

**Water Supply Projects?:** Yes

CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.

**Life Cycle Cost Analysis:**

06\_WAWSA\_MCWRD\_Phase\_II\_Transmission\_Life\_Cycle\_Cost\_Analysis\_Worksheet.xlsx

CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:** WAWSA\_sfn\_62417\_basic\_asset\_inventory\_tool.xlsx

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No

**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

**Sovereign Land Permit, if Required:**

**DWR Construction Permit, if Required:**

**Conditional Letter of Map Revision (CLOMR), if Required:**

**Feasibility/Engineering Study for the Proposed Project:** No

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable Document(s):** Yes

**Other Applicable Document:** 05\_WAWSA\_MCWRD\_Phase\_II\_Transmission\_Bid\_Tab.pdf

**Other Applicable Document:**

10\_WAWSA\_MCWRD\_Phase\_II\_Transmission\_USACE\_Easement\_\_Permit.pdf

**Other Applicable Document:**

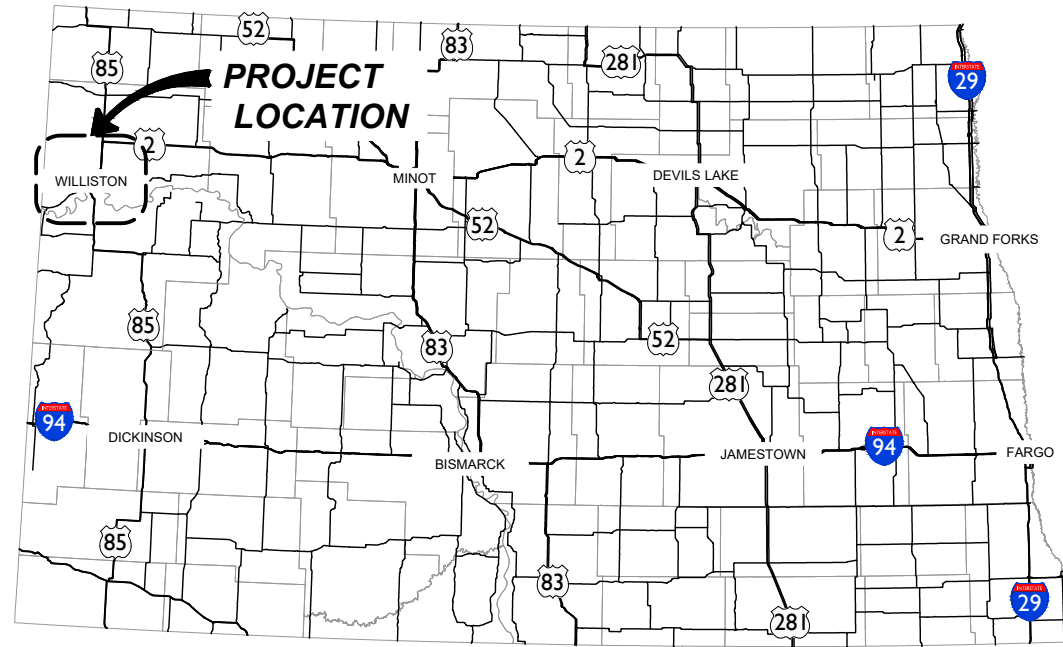
## Sources

***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

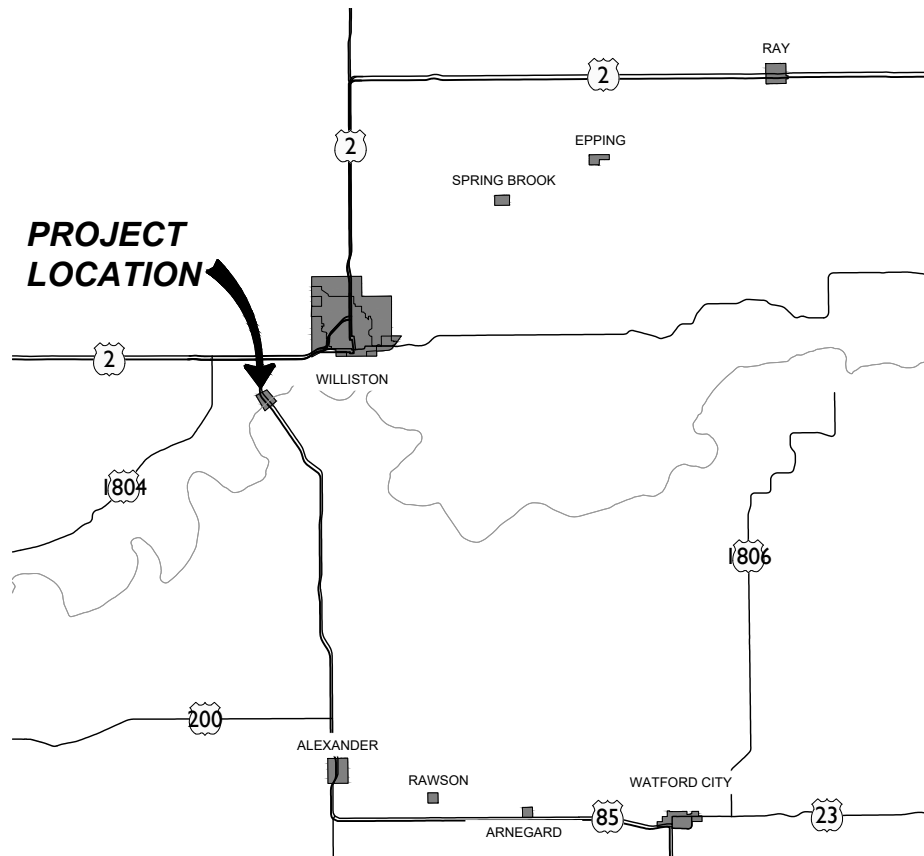
Source	If Other, Specify Funding Source	Status	State Fiscal Year			Total Cost	Type	Term	Interest Rate
			1 State Fiscal Year July to June	Year 2 July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Construction		Already Approved	\$0.00	\$0.00	\$6,422,000.00	\$6,422,000.00		0.00	0.00
Department		Current	\$0.00	\$0.00	\$3,343,802.00	\$3,343,802.00		0.00	0.00

of Water	Request						
Resources							
Cost Share							
Construction							
Other	MCWRD	\$0.00	\$264,850.00	\$10,080,652.00	\$10,345,502.00	0.00	0.00
	Cash						
		<b>\$0.00</b>	<b>\$264,850.00</b>	<b>\$19,846,454.00</b>	<b>\$20,111,304.00</b>		





**1 LOCATION MAP**  
 62 NOT TO SCALE



**2 VICINITY MAP**  
 62 NOT TO SCALE



**3 PROJECT MAP**  
 62 NOT TO SCALE



SYMBOL	DATE	DESCRIPTION	APPR



PHASE II TRANSMISSION MAIN  
 WILLISTON REGIONAL WTP TO L&C PUMP STATION  
 WILLISTON, NORTH DAKOTA  
 LOCATION MAP

DRAWING TYPE	FINAL
PREPARED BY	JS
CHECKED / APPROVED	CC / BM
DATE	NOV 2024
PROJECT NUMBER	00577-2020-001
SHEET	2 of 8
DRAWING	<b>G2</b>





**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61901 (7/2024)

DWR Date Received : December 24, 2024

<b>Project:</b>	WAWSA - MCWRD Phase II Transmission Main
<b>Sponsor:</b>	Western Area Water Supply Authority
<b>Contact:</b>	Chris Barke, Intern Executive Director
<b>Phone:</b>	701-774-6605
<b>Engineer:</b>	Cory Chorne, Advanced Engineering and Environmental Services
<b>Phone:</b>	701-221-0530

<b>Total Cost :</b>	\$ 20,111,304
<b>Ineligible Cost :</b>	\$ 579,700
<b>Eligible Cost :</b>	\$ 19,531,604
<b>Local Cost :</b>	\$ 10,345,502

**Date:** December 19, 2024

	<b>Cost-Share \$</b>
	\$ 9,765,802
<b>Preconstruction :</b>	\$ -
<b>Construction :</b>	\$ 9,765,802

<b>Project Type:</b>	<b>Cost-share %</b>
Other (50%)	50%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	7.0%	Mobilization	1	LS	1,350,000.00	\$ 1,350,000	50%	\$ 675,000
2	1.2%	Bonding	1	LS	225,000.00	\$ 225,000	50%	\$ 112,500
3	1.2%	Insurance	1	LS	225,000.00	\$ 225,000	50%	\$ 112,500
4	37.1%	Water Main 30 in	14500	LF	491.00	\$ 7,119,500	50%	\$ 3,559,750
5	31.2%	Boring - Poly	8100	LF	739.90	\$ 5,993,190	50%	\$ 2,996,595
6	2.0%	Boring - Cased	350	LF	1,101.25	\$ 385,438	50%	\$ 192,719
7	2.6%	Boring - Cased Railroad	350	LF	1,416.25	\$ 495,688	50%	\$ 247,844
8	0.8%	Detailed Tie-In	2	EA	72,500.00	\$ 145,000	50%	\$ 72,500
9	1.4%	Pump Station	1	LS	260,000.00	\$ 260,000	50%	\$ 130,000
10	1.7%	Gate Valve	6	EA	53,750.00	\$ 322,500	50%	\$ 161,250
11	2.8%	Fittings	18	EA	29,444.44	\$ 530,000	50%	\$ 265,000
12	0.5%	Air Release Valve	2	EA	48,000.00	\$ 96,000	50%	\$ 48,000
13	0.5%	Hydrant	3	EA	34,000.00	\$ 102,000	50%	\$ 51,000
14	0.5%	Seeding	43	AC	2,070.00	\$ 89,010	50%	\$ 44,505
15	0.5%	Erosion Control	1	LS	92,250.00	\$ 92,250	50%	\$ 46,125
16	0.1%	Stie Access Gate	2	EA	5,000.00	\$ 10,000	50%	\$ 5,000
17	0.0%		0		-	\$ -	50%	\$ -
18	0.0%		0		-	\$ -	50%	\$ -
19	0.0%		0		-	\$ -	50%	\$ -
20	0.0%		0		-	\$ -	50%	\$ -
21	0.0%		0		-	\$ -	50%	\$ -
22	0.0%		0		-	\$ -	50%	\$ -
23	0.0%		0		-	\$ -	50%	\$ -
24	0.0%		0		-	\$ -	50%	\$ -
25	0.0%		0		-	\$ -	50%	\$ -
26	0.0%		0		-	\$ -	50%	\$ -
		<b>Construction Sub-Total</b>				\$ 17,440,575	50%	\$ 8,720,287
	10.0%	<b>Contingency</b>				\$ 1,744,057	50%	\$ 872,029
	95.4%	<b>Construction Total</b>				\$ 19,184,632	50%	\$ 9,592,316
<b>Preconstruction Costs</b>								
27	0.7%	Preliminary Design	1	LS	135,000.00	\$ 135,000	50%	\$ 67,500
28	1.2%	Final Design	1	LS	232,000.00	\$ 232,000	50%	\$ 116,000
29	0.2%	Bidding / Negotiations	1	LS	29,000.00	\$ 29,000	50%	\$ 14,500
30	0.7%	USACE Permitting	1	LS	133,700.00	\$ 133,700	50%	\$ 66,850
31	0.0%	Preconstruction costs moved to Ineligible	1	LS	(529,700.00)	\$ (529,700)	50%	\$ (264,850)
	0.0%	<b>Preconstruction Total</b>				\$ -	50%	\$ -
<b>Construction Engineering Costs</b>								
32	1.3%	Construction Contract Management	1	LS	248,000.00	\$ 248,000	50%	\$ 124,000
33	4.7%	Project Inspection	1	LS	898,000.00	\$ 898,000	50%	\$ 449,000
34	0.4%	Post-Construction / Warranty	1	LS	73,000.00	\$ 73,000	50%	\$ 36,500
35	0.0%		0		-	\$ -	50%	\$ -
36	0.0%		0		-	\$ -	50%	\$ -
	6.1%	<b>Construction Engineering Total</b>				\$ 1,219,000	50%	\$ 609,500
<b>Other Eligible Costs</b>								
37	0.0%	5% Contingency	1		(872,028.50)	\$ (872,029)	50%	\$ (436,014)
38	0.0%		0		-	\$ -	50%	\$ -
39	0.0%		0		-	\$ -	50%	\$ -
40	0.0%		0		-	\$ -	50%	\$ -
41	0.0%		0		-	\$ -	50%	\$ -
	0.0%	<b>Other Eligible Total</b>				\$ (872,029)	50%	\$ (436,014)
<b>In-eligible Costs</b>								
42	0.1%	Easement (Water Supply - Payment to Landow)	1	LS	15,000.00	\$ 15,000	0%	\$ -
43	0.2%	Permits Related	1	LS	35,000.00	\$ 35,000	0%	\$ -
44	2.6%	Preconstruction costs moved to Ineligible	1	LS	529,700.00	\$ 529,700	0%	\$ -
45	0.0%				-	\$ -	0%	\$ -
	2.9%	<b>Other Ineligible Total</b>				\$ 579,700	0%	\$ -
104.3%		<b>Total</b>				\$ 20,111,304		
		<b>Eligible Total</b>				\$ 19,531,604	50%	\$ 9,765,802
<b>Federal or State Funds That Supplant Costs</b>								
						\$ -		
		<b>Eligible Cost Total</b>				\$ 19,531,604	50%	\$ 9,765,802

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.



## Life Cycle Cost Analysis Review

**Sponsor:** Western Area Water Supply Authority (WAWSA)  
**Project Title:** WAWSA-MCWRD Phase II Transmission

**Date:** December 27, 2024

**Explanation of Alternatives:**

McKenzie County Water Resource District (MCWRD) Phase 2 Transmission Line (Preferred) - There is an existing 20-inch fused waterline (FPVC) that acts as the only water supply source to MCWRD and MCWRD's bulk users Watford City and Arnegard. The proposed project would install a 24-inch FPVC or 30-inch HDPE pipeline for additional capacity and long term sustainable of water service to McKenzie County, ND. The proposed pipeline would help meet projected water needs for constituents who have expressed interest in subscribing.

Do Nothing - Would provide no redundancy and result in water capacity issues in the future.

**Inputs:**

New Connections Served	0
Future Connections Served	300
Current Connections Served	1799
Net Connections (New + Current)	1799

Current CIF Balance	\$20,260,000
Annual CIF Contribution	\$3,000,000
Cash Funding Target (Percentage %) New Assets	25%
Cash Funding Target (Percentage %) Existing Assets	50%
Annual CIF Contribution suggested for the Project	\$62,963

	WAWSA-MCWRD Phase	Do Nothing		
Construction Cost	\$20,111,300	\$0		
Annual O & M	\$0	\$0		

**Details:**

--

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	WAWSA-MCWRD Phase	Do Nothing		
Capital Costs	\$19,843,000	\$0		
O&M	\$0	\$0		
Repair, Rehab, Replacement	\$352,000	\$0		
Salvage Value	\$89,000	\$0		
<b>Total PVC</b>	<b>\$20,106,000</b>	<b>\$0</b>		
<b>PV Cost Per User</b>	<b>\$11,176</b>	<b>\$0</b>		

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$82</b>		
<b>Comparable Water Rate</b>	<b>\$78</b>		
Net Connections (New + Current)	1,799	1,799	
Cost-Share Percent	50%	50%	
Local Share	\$9,921,500	\$0	
Other Funding	\$0	\$0	
Total Local	\$9,921,500	\$0	
<b>Payment Per User With Cost-Share</b>	<b>\$27.90</b>	<b>\$0.00</b>	
Local Share	\$19,843,000	\$0	
Other Funding	\$0	\$0	
Total Local	\$19,843,000	\$0	
<b>Payment Per User Without Cost-Share</b>	<b>\$55.80</b>	<b>\$0.00</b>	

**Explanation of Results:**

The sponsor's preferred project is the "MCWRD Phase 2 Transmission Line" option. The present value cost of the preferred alternative is \$20,106,000 and \$0 for the "Do Nothing" alternative for comparison. The present value cost per user for the preferred alternative is \$11,176. The monthly user cost of the local share with DWR 50% cost-share participation is \$27.90 per month and \$55.80 without DWR participation.

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.  
 LCCA Version Version 1.2024.04.18



December 19, 2024

Ms. Andrea Travnicek, Ph. D., Director  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck ND 58504-5262

**Re: Western Area Water Supply Authority (WAWSA)  
McKenize County Water Resource District (MCWRD)  
Phase II Transmission Line Construction Increase Cost Share Request**

Dear Dr. Travnicek:

Over the past decade, WAWSA and its member entities have successfully used North Dakota Department of Water Resources (DWR) cost share funding to bring rural water service to over 2,500 new rural customers. Building on this success, the McKenzie County Water Resource District (MCWRD) is requesting cost share funding for the Regional Water Service Phase II Transmission Line Project (Project). This Project will provide MCWRD with a supplemental pipeline to convey Missouri River water for the domestic, agricultural, and commercial water needs in the County.

A second transmission pipeline across the Missouri River is essential to ensuring a reliable water service to McKenzie County. Water demands in McKenzie County are projected to exceed the capacity of the existing water delivery system in McKenzie County by 2030. This Project is the first phase of a planned multi-phase expansion of the water delivery system in McKenzie County to ensure the water supply capacity stays ahead of demand.

The Project's design phase has been funded 100% by MCWRD. The construction phase funding was requested in October 2022 and approved at a 50/50 grant to local split equal to \$6,422,000.00. The Project mainly traverses United States Army Corps of Engineers (USACE) property. The Project was anticipated to have the USACE permit in hand by the end of year 2022 or first quarter 2023. Through 2023 and 2024, WAWSA/MCWRD have been given multiple different dates from the USACE as to when the Project would be permitted. The Project received environmental concurrence from the USACE in April of 2024. The easement and construction permit from the USACE were received and fully signed by all parties at the end of September 2024. The Project held a bid opening December 12, 2024. Because of the permitting lag and construction inflation costs seen over the last two years, **WAWSA-MCWRD are requesting approval of a construction cost increase of 50 percent of eligible increased construction project costs equal to \$3,343,802.**

Thank you very much for your assistance with this important project for northwest North Dakota. If you have any questions, please do not hesitate to contact me at 701-774-6605 or Cory Chorne with Advanced Engineering and Environmental Services, LLC. at 701-221-0530.

Respectfully submitted,

A handwritten signature in blue ink that reads "Chris Barke".

Chris Barke, Interim Executive Director  
WAWSA

**Western Area Water Supply Authority  
Board of Directors Meeting  
WAWSA Office December 19, 2024**

**Attendees**

Members Present: Doug Anderson, Ellis Haake, Ward Koeser, and Larry Novak

Members Present via Video: Matt Beard, Kent Bickler, Raoul Brandt, Robert Harms, Gary Rust, and Chris Brostuen

Others Present: Chris Barke (WAWSA), Char Imsland (WAWSA), Cheryl McNeil (WAWSA), Jacob Monson (WAWSA), Dave Bell (WAWSA), Weston McGruder (AE2S), Graydon Olson (AE2S), Craig Haskins (R&T), Kenny Bergstrom (City of Williston), Curt Clarys (City of Williston), Josh Feil (Moore Engineering) via video, Dustin Schultz (AE2S) via video, and Cory Chorne (AE2S) via video.

**Meeting Called to Order**

Chairman Brostuen called the meeting to order at 9:00 am.

**Approval of the Agenda**

Brostuen added two items to the agenda. Under AE2S reports, item #6 added for MCWRD Phase II Transmission Line increase cost share request, and the January board meeting date changed to January 30, 2025. **Rust moved to approve the agenda as amended, Koeser seconded.**

MOTION CARRIED UNANIMOUSLY BY VOICE VOTE.

**Approval of the Minutes**

Minutes of the November 21, 2024, board meeting were presented for approval. **Haake moved to approve the minutes as presented, Anderson seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, Rust, and Brostuen

Nay: 0

Carried: 10-0

**Financial Reports**

The Domestic and Industrial financial reports were presented to the board for their consideration and discussion.

The November capital accounting report was presented to the board for their consideration and discussion.

**Executive Director's Report**

Barke provided the board with an update on WAWSA's water usage and system updates.

Barke announced that the Williston WTP bank remediation project was completed on December 6, 2024.

Barke also announced that Ward Koeser was presented with the Commodore Award at the 2024 Joint Water Convention.

He also announced that former executive director, Tami Madsen, was presented with the 2024 Water Wheel Award.

### **Terrance Rhinehart Condemnation**

Barke provided the board with a condemnation request for Terrance Rhinehart on the R&T Stanley Part II project. This condemnation request was approved at R&T's November 25, 2024, board meeting. **Novak moved to approve the condemnation request for Terrance Rhinehart on the R&T Stanley Part II project, Koeser seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, Rust, and Brostuen  
Nay: 0  
Carried: 10-0

### **SRF Loan Resolution**

Barke announced that a resolution is required by the state to allow Chris Brostuen and Chris Barke to sign SRF loan documents. **Anderson moved to approve the state required resolution allowing Chris Brostuen and Chris Barke to sign SRF loan documents, Haake seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, Rust, and Brostuen  
Nay: 0  
Carried: 10-0

### **Moore Engineering Reports**

Feil provided the board with an update on the 29-Mile project.

### **AE2S Reports**

#### **Amendment #3 to Owner-Engineer Agreement**

McGruder presented amendment #3 to the owner-engineer master service agreement. This amendment would extend the contract between WAWSA and AE2S for another 3-year term. **Novak moved to approve amendment #3 to the owner-engineer master service agreement, Haake seconded.**

Aye: Anderson, Beard, Bickler, Haake, Harms, Koeser, Novak, Rust, and Brostuen  
Nay: 0  
Carried: 9-0

#### **WAWSA 2025 Program Management Services – TO 86**

McGruder also presented the board with the 2025 Program Management Services – TO 86 task order for \$100,980. This task order is for professional engineering services associated with General Engineering, Funding Application, Rate Modeling and Water Contract Support, Capital Accounting and Financial Reporting, Program Management, Industrial Commission Coordination and Support, Public Information, and Legislative Support services. **Haake moved to approve the 2025 Program Management Services – TO 86 task order for \$100,980, Koeser seconded.**

Aye: Anderson, Beard, Bickler, Haake, Harms, Koeser, Novak, Rust, and Brostuen  
Nay: 0  
Carried: 9-0

## Project Updates

McGruder provided the board with the project updates

### **Williston WTP Intake, Raw Water Pump Station, and Phase 6 Expansion – TO 70**

McGruder presented the board with amendment #7 to the Williston WTP Intake, Raw Water Pump Station, and Phase 6 Expansion – TO 70 project for \$68,000. The amendment includes additional services to be performed by engineer, modifications of payment to engineer, and modifications to times for rendering services. **Anderson moved to approve amendment #7 to the Williston WTP Intake, Raw Water Pump Station, and Phase 6 Expansion – TO 70 project for \$68,000, Haake seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, Rust, and Brostuen

Nay: 0

Carried: 10-0

### **Williston WTP Raw Water Intake Siting Study – TO 87**

McGruder also presented the board with a task order agreement for the Williston WTP Raw Water Intake Siting Study – TO 87 project for \$132,500. The task order includes study and report services including providing surveying services for field verification of potential intake sites, conducting up to three, one-hour meetings with the owner, and drafting a technical memorandum outlining up to five raw water intake options for owner to consider as viable long-term options to access raw water. **Koeser moved to approve the task order agreement for the Williston WTP Raw Water Intake Siting Study – TO 87 project for \$132,500, Anderson seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, Rust, and Brostuen

Nay: 0

Carried: 10-0

### **MCWRD Phase II Transmission Line Increase Cost Share Request**

McGruder also presented the board with a SWC construction cost increase funding request for the MCWRD Phase II Transmission Line project for \$3,344,000. He reported that the McKenzie County Board of Commissioners approved funding their 50% share of the cost increase and updating the JPA to reflect the increase. **Novak moved to approve submitting the State Water Commission construction increase funding request for the MCWRD Phase II Transmission Project as presented, Haake seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, Rust, and Brostuen

Nay: 0

Carried: 10-0

### **MCWRD Invoices for Payment**

The MCWRD System IV Part IV – TO 77, System I South – TO 80, and the Phase II Transmission Line for engineering and construction for the month have a combined total of \$252,142.46.

### **SWC Grant Payment Request**

SWC \$24M grant request 62-121924, SWC \$7M grant request 24-121924, SWC \$9.6M grant request 27-121924, SWC \$8M grant request 12-121924, and SWC \$4M grant request 20-121924, and SWC \$747K grant

request 01-121924 were presented to the board for their approval. **Anderson moved to approve the SWC monthly grant request, Haake seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, Rust, and Brostuen

Nay: 0

Carried: 10-0

Chairman Brostuen adjourned the meeting at 10:11 am.

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Chris Brostuen, Chairman

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Char Imsland, Secretary



**Water Development Plan: Yes (2023)**  
**Plan Priority: Moderate**

**H 1**

# 1084454 - Bottineau County Expansion

## Application Details

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<b>Funding Opportunity:</b>	1084196-October 2024 - June 2025 Infrastructure Request	<b>Initial Submit Date:</b>	Dec 17, 2024 8:29 AM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2025 3:00 PM	<b>Initially Submitted By:</b>	Jared Huibregtse
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Mr. Bryan  
Salutation First Name

Middle Name Ziegler  
Last Name

**Title:**

**Email\*:** bryan.ziegler@bartwest.com

**Address\*:** 3456 E. Century Ave

### Organization Information

**Status\*:** Approved

**Name\*:** All Seasons Water Users District

**Organization Type\*:** Political Subdivision

**Tax Id:** 45-0459417

**Organization Website:**

**Address\*:** 1066 Highway 5

<p>Bismarck North Dakota City State/Province</p> <p>58503 Postal Code/Zip</p> <p><b>Phone*:</b> (701) 221-8353 Ext. Phone ###-###-####</p> <p><b>Fax:</b> ###-###-####</p> <p><b>Comments:</b></p>	<p>Bottineau North Dakota City State/Province</p> <p>58318-____ Postal Code/Zip</p> <p><b>Phone*:</b> (701) 228-3663 Ext. ###-###-####</p> <p><b>Fax:</b> ###-###-####</p> <p><b>Vendor ID:</b></p> <p><b>PeopleSoft Supplier ID:</b></p> <p><b>Comments:</b></p> <p><b>Location Code:</b></p>
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## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** Bottineau County Expansion

**Sponsor(s)\*:** All Seasons Water Users District

**County\*:** Bottineau

**City\*:** Bottineau

**Description of Request\*:** New

**If Study, What Type:** Feasibility

**If Project/Program, What Type:**

**Jurisdictions/Stakeholders Involved\*:**

This feasibility study will evaluate a proposed expansion project to bring All Seasons rural water to Northeast Bottineau County. Specifically, the expansion would bring water to Dalen, Roland, Homen, Whitteron, and Cordelia townships in Northeast Bottineau County. This region includes rural properties, rural subdivisions, and the Lake Metigoshe, Long Lake, Loon Lake, and surrounding lake areas.

**Describe the Problem\*:**

There is currently no access to rural water in this area. Most residents get their water from a well, or pump water out of Lake Metigoshe. This expansion would provide homeowners and other residents access to a reliable supply of quality water, and would eliminate the need to maintain well equipment. The expansion project would also help to stabilize the cost of water for both existing ASWUD users, and also the expansion area.

**Provide Project Details, Objectives and Solutions to Address Problem\*:**

All Seasons Water Users District (ASWUD) completed a sign-up campaign to gauge interest in this expansion. More than 750 individuals (at the time of this application, this number may increase) have signed up for water service within the study area. This feasibility study will evaluate the steps necessary to deliver rural water to the proposed expansion area.

For this project,

**Choose City, County, Water District or Other\*:** Water District

**What is the Current Estimated Population?\*** 4000

For this project,

**What is the Benefited Population?\*** 1200

**Have Assessment Districts Been Formed?\*** N/A

**Have Land or Easements Been Acquired?\*** No

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** Yes

**Are There Any Road Improvements Included as Part of the Project?\*** No

**Have You Applied For Any Federal Permits?\*** No

**Have You Applied for any State Permits?\*** No

**Have You Applied for any Local Permits?\***: No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
 (Example: Hazard Mitigation Grant Program)  
 \*:

**Implementation Timelines**

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: Summer 2025  
**Design Completion\***: Winter 2025-2026  
**Bid\***: Spring 2026  
**Construction Start\***: Summer 2026  
**Construction Completion\***: Summer 2031

**Explain Additional Timeline Issues\***:

These timelines are for the entire expansion. The expansion will be phased.

**Consulting Engineer\***: Bryan Ziegler (Bartlett & West)  
**Engineer Telephone Number\***: 701-221-8353  
**Engineer Email\***: bryan.ziegler@bartwest.com

***Certification (Must Be Completed by Project Sponsor)***

**Submitted by\***: Dan Schaefer 12/06/2024  
 First Name Last Name Date

**Address\*:** 1066 Hwy 5 N  
 Address Line 1  
 Address Line 2  
 Bottineau North Dakota 58318-0000  
 City State Zip Code

**Telephone Number\*:** 701-228-3663

**Sponsor Email\*:** dan.aswud@midconetwork.com

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:** Yes

**Authorized Individual\*:** Dan Schaefer 12/06/2024  
 First Name Last Name Date

**Title/Position/Authority\*:** Manager

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

[CLICK HERE to see examples.](#)

**Project Specific Map** Project Map\_ASWUD.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking SRF or IRLF Funding?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** SWC Cost Share Program Request\_11.2024 Minutes.pdf

**Cover Letter:** Cost Share Request Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:** sfn\_61801\_delineation\_of\_cost\_Bottineau County Expansion.xlsx

**Type of Request:** Preconstruction

**Water Supply Projects?:** No

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No

**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

**Sovereign Land Permit, if Required:**



**DWR Construction Permit, if**

**Required:**

**Conditional Letter of Map**

**Revision (CLOMR), if**

**Required:**

**Feasibility/Engineering Study** No  
**for the Proposed Project:**

**Photos of Problem/Issue:**

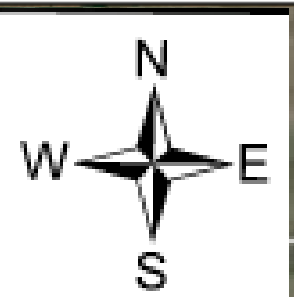
**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable Document(s):**


**Sources**

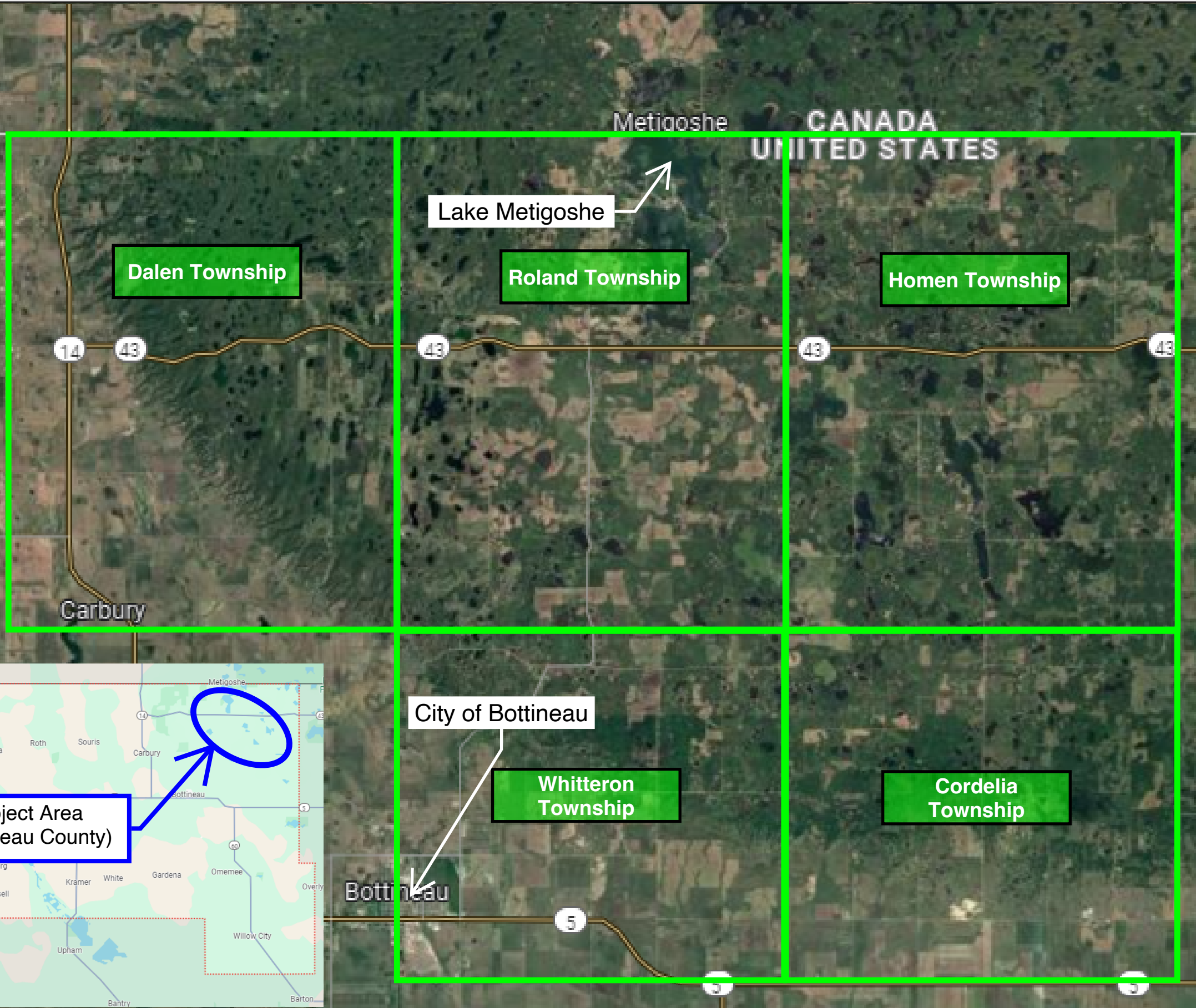
***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

<b>Source</b>	<b>If Other, Specify Funding Source</b>	<b>Source Status</b>	<b>State Fiscal Year 1 July to June</b>	<b>State Fiscal Year 2 July to June</b>	<b>Beyond Current Biennium</b>	<b>Total Cost</b>	<b>Type</b>	<b>Term</b>	<b>Interest Rate</b>
Department of Water Resources Cost Share Pre-Construction		Current Request	\$180,000.00	\$0.00	\$0.00	\$180,000.00	Grant	0.00	0.00
Other	ASWUD - Local Share	Already Approved	\$60,000.00	\$0.00	\$0.00	\$60,000.00	Grant	0.00	0.00
			<b>\$240,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$240,000.00</b>			

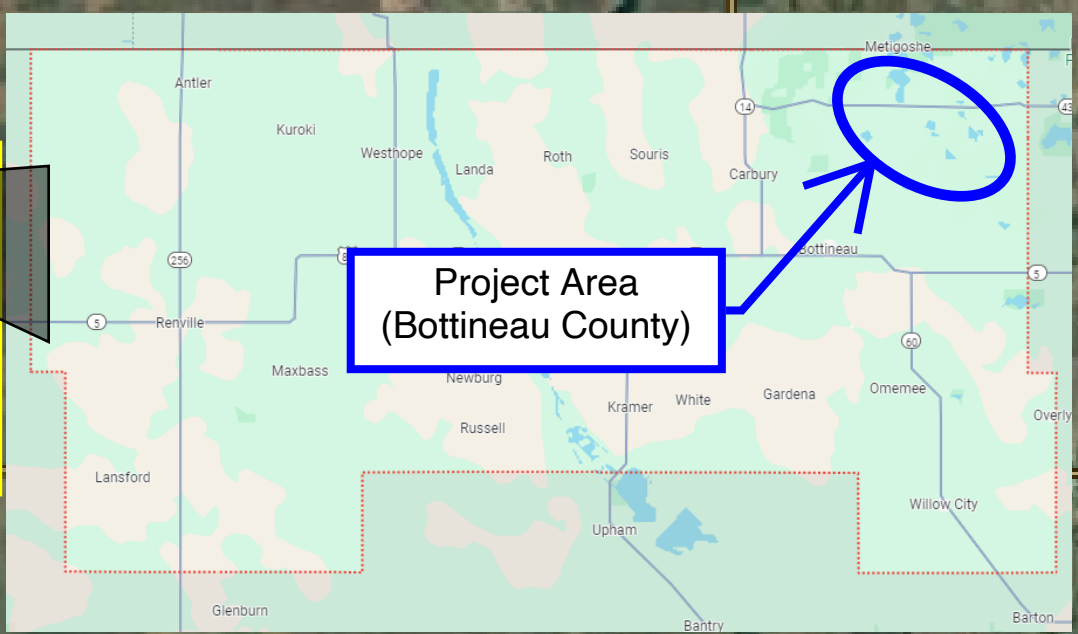
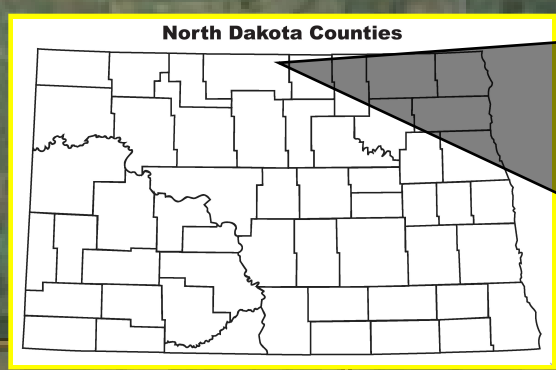


**Map Legend**

Feasibility Study Townships 



Town of Souris 



All Seasons Water Users District  
Bottineau County Expansion



**Bartlett & West**  
Driving community and industry forward, together.



**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61801 (7/2024)

DWR Date Received : December 17, 2024

<b>Project:</b>	Bottineau County Expansion
<b>Sponsor:</b>	All Seasons Water Users District
<b>Contact:</b>	Dan Schaefer
<b>Phone:</b>	701-228-3663
<b>Engineer:</b>	Bryan Ziegler, Bartlett & West
<b>Phone:</b>	701-221-8353

<b>Total Cost :</b>	\$ 240,000
<b>Ineligible Cost :</b>	\$ -
<b>Eligible Cost :</b>	\$ 240,000
<b>Local Cost :</b>	\$ 60,000

**Date:** December 6, 2024

	<b>Cost-Share \$</b>
	\$ 180,000
<b>Preconstruction :</b>	\$ -
<b>Construction :</b>	\$ 180,000

Preconstruction

<b>Project Type:</b>	<b>Cost-share %</b>
Feasibility Study	75%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	0.0%	Mobilization	1	LS	-	-	75%	\$ -
2	0.0%	Bonding	0		-	-	75%	\$ -
3	0.0%	Insurance	0		-	-	75%	\$ -
4	51.0%	Hydraulic Models	1	LS	120,000.00	\$ 120,000	75%	\$ 90,000
5	22.9%	Report Writing	1	LS	54,000.00	\$ 54,000	75%	\$ 40,500
6	17.0%	Geocoding & Drafting for New User Add	1	LS	40,000.00	\$ 40,000	75%	\$ 30,000
7	0.0%		0		-	-	75%	\$ -
8	0.0%		0		-	-	75%	\$ -
9	0.0%		0		-	-	75%	\$ -
10	0.0%		0		-	-	75%	\$ -
11	0.0%		0		-	-	75%	\$ -
12	0.0%		0		-	-	75%	\$ -
13	0.0%		0		-	-	75%	\$ -
14	0.0%		0		-	-	75%	\$ -
15	0.0%		0		-	-	75%	\$ -
16	0.0%		0		-	-	75%	\$ -
17	0.0%		0		-	-	75%	\$ -
18	0.0%		0		-	-	75%	\$ -
19	0.0%		0		-	-	75%	\$ -
20	0.0%		0		-	-	75%	\$ -
21	0.0%		0		-	-	75%	\$ -
22	0.0%		0		-	-	75%	\$ -
23	0.0%		0		-	-	75%	\$ -
24	0.0%		0		-	-	75%	\$ -
25	0.0%		0		-	-	75%	\$ -
26	0.0%		0		-	-	75%	\$ -
		<b>Construction Sub-Total</b>				\$ 214,000	75%	\$ 160,500
	10.0%	<b>Contingency</b>				\$ 21,400	75%	\$ 16,050
	98.1%	<b>Construction Total</b>				\$ 235,400	75%	\$ 176,550
<b>Preconstruction Costs</b>								
27	0.0%		0		-	-	75%	\$ -
28	0.0%		0		-	-	75%	\$ -
29	0.0%		0		-	-	75%	\$ -
30	0.0%		0		-	-	75%	\$ -
31	0.0%		0		-	-	75%	\$ -
	0.0%	<b>Preconstruction Total</b>				\$ -	75%	\$ -
<b>Construction Engineering Costs</b>								
32	0.0%		0		-	-	75%	\$ -
33	0.0%		0		-	-	75%	\$ -
34	0.0%		0		-	-	75%	\$ -
35	0.0%		0		-	-	75%	\$ -
36	0.0%		0		-	-	75%	\$ -
	0.0%	<b>Construction Engineering Total</b>				\$ -	75%	\$ -
<b>Other Eligible Costs</b>								
37	1.9%	Public Communication	1	LS	4,600.00	\$ 4,600	75%	\$ 3,450
38	0.0%		0		-	-	75%	\$ -
39	0.0%		0		-	-	75%	\$ -
40	0.0%		0		-	-	75%	\$ -
41	0.0%		0		-	-	75%	\$ -
	1.9%	<b>Other Eligible Total</b>				\$ 4,600	75%	\$ 3,450
<b>In-eligible Costs</b>								
42	0.0%		0		-	-	0%	\$ -
43	0.0%		0		-	-	0%	\$ -
44	0.0%		0		-	-	0%	\$ -
45	0.0%		0		-	-	0%	\$ -
	0.0%	<b>Other Ineligible Total</b>				\$ -	0%	\$ -
100.0%		<b>Total</b>				\$ 240,000		
		<b>Eligible Total</b>				\$ 240,000	75%	\$ 180,000
<b>Federal or State Funds That Supplant Costs</b>								
						\$ -		
		<b>Eligible Cost Total</b>				\$ 240,000	75%	\$ 180,000

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.



Date: 12/16/24

Subject: SWC Cost Share Program

All Seasons Water Users District (ASWUD) formally requests to apply for the SWC Cost Share funding for the Bottineau County Expansion Feasibility Study. ASWUD has been undergoing a sign-up campaign over the last two years in the unserved areas of northeast Bottineau County, located west of the Bottineau County and Rolette County line. The Bottineau County and Rolette County line is an agreed upon service area boundary between ASWUD and Turtle Mountain Public Utilities in a previous agreement. ASWUD currently has obtained over 750 sign-ups for water service in the study area. The intent of this study would be to determine the feasibility of serving these users and the potential costs.

The Board of Directors at All Seasons Water Users District voted and passed a motion at their November 11, 2024, board meeting to request cost share funding for the proposed study. Attached are the meeting minutes from the ASWUD board meeting addressing the funding request.

Thank you for your consideration of this funding request.

Sincerely,

Daniel F. Schaefer

Manager

All Seasons Water Users District

**Board of Directors Meeting  
ALL SEASONS WATER USERS DISTRICT  
November 11, 2024**

Members Present: Matt Odermann, Brandon Nehring, Tracy Boe, Jim Thompson and Jon Nelson

Members Present via Teams: None

Absent: Ross Reimche, Kenny Rogers and Dennis Danielson

Others Present: Dan Schaefer, Manager; Rachel Wald, Assistant Manager; Bryan Zeigler, Bartlett & West

The meeting was called to order by Matt Odermann at 7:00 pm. Jon made a motion to accept the consent agenda. Tracy 2<sup>nd</sup> the motion. Roll call vote was as follows: Aye: Matt, Jon, Brandon, Tracy and Jim. Nye: None. Those absent and not voting: Ross, Kenny and Dennis.

**Manager's Report:** Dan reported that the leak on the 1 ½" line on System 4 southeast of Dunseith has been bored in and completed. Also, the leak north of Rolette on the 4" line has been fixed. City of Willow repaired the collapsed sewer line on Bottineau Street. They replaced a portion of the block. Letters required from the EPA regarding service lines were mailed November 6, 2024, to the customers that have not completed their surveys.

Dan attended the Willow City Council Meeting on November 4<sup>th</sup>. Rachel attended the ND Water and Pollution Control Conference in Grand Forks October 14 - 16. Upcoming meetings include NAWS Authority Meeting in Minot on November 21<sup>st</sup>, NDRWSA Managers' Meeting in Bismarck on December 9<sup>th</sup> and the Joint North Dakota Water Convention in Bismarck December 10-13.

December board meeting has been changed to Sunday, December 8<sup>th</sup>, 2024.

The Annual Meeting will be held on Thursday, November 21 at the Bottineau Senior Center.

Rachel is currently researching vehicle prices for district vehicles. She updated the board on what she had found so far. Jon made a motion to approve no more than \$64,500.00 for the purchase of a vehicle leaving the details and decision up to the manager and assistant manager. Brandon 2<sup>nd</sup> the motion. Roll call vote was as follows: Aye: Matt, Jon, Brandon, Tracy and Jim. Nye: None. Those absent and not voting: Ross, Kenny and Dennis.

**Policy Committee:** Nothing new to report.

**Rugby True-up Committee:** Nothing new report.

**Service Area Committee:** Nothing new to report.


**System 4 Expansion – Supply to System 1:** The BacT tests continue to fail. Continue to flush and re-chlorinate. All the 8" has passed testing.

Storage tank: Foundation has been poured. They will come back in the spring to complete. The board was presented Change Order #1 that included a deduction for the foundation and an addition for adding the logo. Jim made a motion to approve Change Order #1. Tracy 2<sup>nd</sup> the motion. Roll call vote was as follows: Aye: Matt, Jon, Brandon, Tracy and Jim. Nye: None. Those absent and not voting: Ross, Kenny and Dennis.




**Bottineau County Expansion Phase II:** Bartlett & West have not started mapping out potential hookups. This will be the first step. The board discussed applying for the SWC Fund Cost Share. Jon made a motion to apply for the SWC Fund Cost Share. Brandon 2<sup>nd</sup> the motion. Roll call vote was as follows: Aye: Matt, Jon, Brandon, Tracy and Jim. Nye: None. Those absent and not voting: Ross, Kenny and Dennis.

The meeting adjourned at 7:40 pm.

  
\_\_\_\_\_  
Matt Odermann, Vice President

12/9/24  
Date

  
\_\_\_\_\_  
Brandon Nehring, Secretary

12/9/24  
Date



# 1084468 - South Central Regional Water District - Service to Napoleon

## Application Details

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<b>Funding Opportunity:</b>	1084196-October 2024 - June 2025 Infrastructure Request	<b>Initial Submit Date:</b>	Dec 18, 2024 11:36 AM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2025 3:00 PM	<b>Initially Submitted By:</b>	Bryan Ziegler
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

<b>Active User*:</b>	Yes
<b>Type:</b>	External User
<b>Name:</b>	Salutation Larry First Name
<b>Middle Name</b>	Kirschmann Last Name
<b>Title:</b>	
<b>Email*:</b>	lkirschmann@southcentralwaternd.com
<b>Address*:</b>	10700 Highway 1804

### Organization Information

<b>Status*:</b>	Approved
<b>Name*:</b>	South Central Regional Water District
<b>Organization Type*:</b>	Political Subdivision
<b>Tax Id:</b>	
<b>Organization Website:</b>	
<b>Address*:</b>	10700 Highway 1804 N

	Bismarck	North Dakota		Bismarck	North Dakota
	City	State/Province		City	State/Province
58502			58502-4182		
Postal Code/Zip			Postal Code/Zip		
<b>Phone*:</b>	701-400-6579	Ext.	<b>Phone*:</b>	701-258-8710	Ext.
	Phone			###-###-####	
	###-###-####		<b>Fax:</b>	###-###-####	
<b>Fax:</b>	###-###-####		<b>Vendor ID:</b>		
<b>Comments:</b>			<b>PeopleSoft</b>		
			<b>Supplier ID:</b>		
			<b>Comments:</b>		
			<b>Location</b>		
			<b>Code:</b>		

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** SCWD - Service to Napoleon

**Sponsor(s)\*:** South Central Regional Water District

**County\*:** Logan

**City\*:** Bismarck - Napoleon

**Description of Request\*:** New

**If Study, What Type:**

**If Project/Program, What Type:** Rural Water Supply

**Jurisdictions/Stakeholders Involved\*:**  
 South Central Regional Water District  
 Town of Napoleon

**Describe the Problem\*:**

The town of Napoleon has decided to abandon their existing WTP and wells due to the cost of O&M and future costs that would come along with upgrades. As an alternative to maintaining their own wells and water treatment plant, Napoleon has voted to receive service from South Central Regional Water District (SCWD) instead of continuing invest in aging infrastructure.

**Provide Project Details, Objectives and Solutions to Address Problem\*:**

SCWD currently serves rural users throughout Logan County including some adjacent to Napoleon. SCWD would make system upgrades in order to add the necessary capacity to serve Napoleon. The SCWD system in this area has the capacity within the WTP to serve Napoleon but additional pipeline and storage upgrades are required in order to serve the town. This project would continue the regionalization of the entire Emmons, Logan, and McIntosh County areas.

For this project,

**Choose City, County, Water District or Other\*:** Water District

**What is the Current Estimated Population?\*** 3650

For this project,

**What is the Benefited Population?\*** 745

**Have Assessment Districts Been Formed?\*** No

**Have Land or Easements Been Acquired?\*** Ongoing

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** Yes

**Are There Any Road Improvements Included as Part of the Project?\*** No

**Have You Applied For Any Federal Permits?\*** N/A

**Have You Applied for any State Permits?\*** No

**Have You Applied for any Local Permits?\***: No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
 (Example: Hazard Mitigation Grant Program)  
 \*:

### Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: Completed

**Design Completion\***: 5/2025

**Bid\***: 6/2025

**Construction Start\***: 8/2025

**Construction Completion\***: 11/2026

**Explain Additional Timeline Issues\***:

No timeline issues are anticipated.

**Consulting Engineer\***: Bartlett & West, Inc. - Tyson Decker

**Engineer Telephone Number\***: 701-221-8345

**Engineer Email\***: tyson.decker@bartwest.com

***Certification (Must Be Completed by Project Sponsor)***

**Submitted by\***: Larry Kirschmann 12/13/2024  
 First Name Last Name Date

**Address\*:** 10700 Highway 1804 N  
 Address Line 1  
 Address Line 2  
 Bismarck North Dakota 58502-4182  
 City State Zip Code

**Telephone Number\*:** 701-258-8710

**Sponsor Email\*:** lKirschmann@southcentralwaternd.com

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:** Yes

**Authorized Individual\*:** Larry Kirschmann 12/13/2024  
 First Name Last Name Date

**Title/Position/Authority\*:** Operations Manager

## Documentation

---

### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

[CLICK HERE to see examples.](#)

**Project Specific Map** WaterCommission\_Service to Napoleon ND.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking SRF or IRLF Funding?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** Board approval meeting minutes.pdf

**Cover Letter:** SCWD Funding Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:** sfn\_61801\_delineation\_of\_cost.xlsx

**Type of Request:** Preconstruction

**Water Supply Projects?:** Yes

[CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.](#)

**Life Cycle Cost Analysis:** life\_cycle\_cost\_analysis\_worksheet.xlsx

[CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.](#)

**Asset Inventory Assessment:**

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No



**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

**Sovereign Land Permit, if Required:**

**DWR Construction Permit, if Required:**

**Conditional Letter of Map Revision (CLOMR), if Required:**

**Feasibility/Engineering Study for the Proposed Project:** No

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.






**Other Applicable Document(s):** No

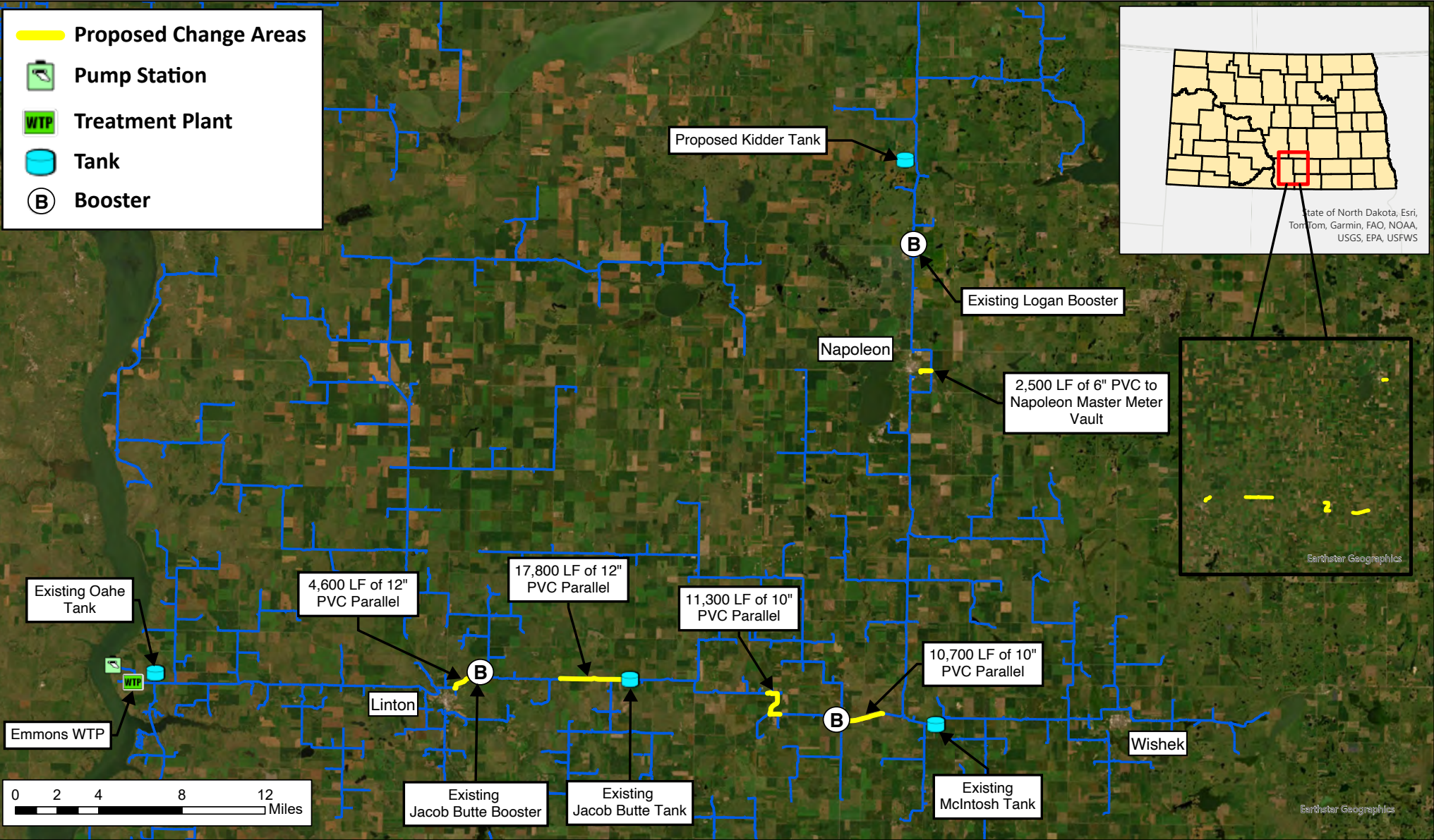
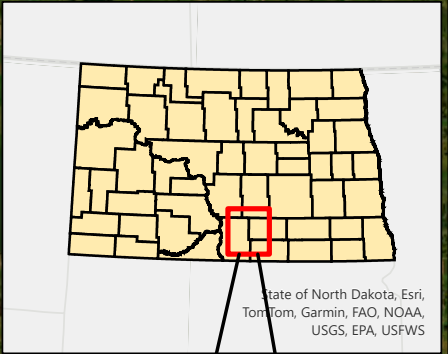
## Sources

***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year		Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
			1 July to June	2 July to June					
Department of Water Resources Cost Share Pre-Construction		Current Request	\$0.00	\$289,500.00	\$0.00	\$289,500.00	Grant	0.00	0.00

Other	SCWD	Current	\$0.00	\$96,500.00	\$0.00	\$96,500.00	0.00	0.00
		Reserves Request						
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$0.00	\$5,182,350.00	\$5,182,350.00	Grant 0.00	0.00
Drinking Water State Revolving Fund		Future Request	\$0.00	\$0.00	\$1,732,450.00	\$1,732,450.00	Loan 30.00	2.50
			<b>\$0.00</b>	<b>\$386,000.00</b>	<b>\$6,914,800.00</b>	<b>\$7,300,800.00</b>		

-  Proposed Change Areas
-  Pump Station
-  Treatment Plant
-  Tank
-  Booster





**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61801 (7/2024)

DWR Date Received : December 19, 2024

<b>Project:</b>	SCWD - Service to Napoleon
<b>Sponsor:</b>	South Central Regional Water District
<b>Contact:</b>	Larry Kirschmann, Operations Manager
<b>Phone:</b>	701-258-8710
<b>Engineer:</b>	Tyson Decker, Bartlett & West
<b>Phone:</b>	701-258-1110

<b>Total Cost :</b>	\$ 7,300,800	<b>Date:</b>	December 16, 2024
<b>Ineligible Cost :</b>	\$ 5,000		
<b>Eligible Cost :</b>	\$ 7,295,800	<b>Cost-Share \$</b>	
<b>Local Cost :</b>	\$ 1,828,950		\$ 5,471,850
		<b>Preconstruction :</b>	\$ 289,500
		<b>Construction :</b>	\$ 5,182,350

<b>Project Type:</b>	<b>Cost-share %</b>
Water Supply - Regionalization	75%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	4.1%	Mobilization	1	LS	250,000.00	\$ 250,000	75%	\$ 187,500
2	0.8%	Bonding	1	LS	50,000.00	\$ 50,000	75%	\$ 37,500
3	0.8%	Insurance	1	LS	50,000.00	\$ 50,000	75%	\$ 37,500
4	26.3%	Reservoir and Storage - Metal	1	LS	1,600,000.00	\$ 1,600,000	75%	\$ 1,200,000
5	2.1%	Tank Control Vault	1	LS	130,000.00	\$ 130,000	75%	\$ 97,500
6	4.9%	Meter - Master	1	LS	300,000.00	\$ 300,000	75%	\$ 225,000
7	2.5%	Supervisory Control and Data Acquisition	1	LS	150,000.00	\$ 150,000	75%	\$ 112,500
8	1.3%	Water Main 6 in	2500	LF	32.00	\$ 80,000	75%	\$ 60,000
9	22.1%	Water Main 12 in	22400	LF	60.00	\$ 1,344,000	75%	\$ 1,008,000
10	16.3%	Water Main 10 in	22000	LF	45.00	\$ 990,000	75%	\$ 742,500
11	9.6%	Pipeline Appurtenances	1	LS	584,000.00	\$ 584,000	75%	\$ 438,000
12	0.0%		0		-	\$ -	75%	\$ -
13	0.0%		0		-	\$ -	75%	\$ -
14	0.0%		0		-	\$ -	75%	\$ -
15	0.0%		0		-	\$ -	75%	\$ -
16	0.0%		0		-	\$ -	75%	\$ -
17	0.0%		0		-	\$ -	75%	\$ -
18	0.0%		0		-	\$ -	75%	\$ -
19	0.0%		0		-	\$ -	75%	\$ -
20	0.0%		0		-	\$ -	75%	\$ -
21	0.0%		0		-	\$ -	75%	\$ -
22	0.0%		0		-	\$ -	75%	\$ -
23	0.0%		0		-	\$ -	75%	\$ -
24	0.0%		0		-	\$ -	75%	\$ -
25	0.0%		0		-	\$ -	75%	\$ -
26	0.0%		0		-	\$ -	75%	\$ -
		<b>Construction Sub-Total</b>				\$ 5,528,000	75%	\$ 4,146,000
	10.0%	<b>Contingency</b>				\$ 552,800	75%	\$ 414,600
	83.3%	<b>Construction Total</b>				\$ 6,080,800	75%	\$ 4,560,600
<b>Preconstruction Costs</b>								
27	0.9%	Preliminary Design	1	LS	55,000.00	\$ 55,000	75%	\$ 41,250
28	3.5%	Final Design	1	LS	210,000.00	\$ 210,000	75%	\$ 157,500
29	0.5%	Geotechnical Investigations	1	LS	30,000.00	\$ 30,000	75%	\$ 22,500
30	0.7%	Cultural Resources	1	LS	40,000.00	\$ 40,000	75%	\$ 30,000
31	0.2%	Bidding / Negotiations	1	LS	11,000.00	\$ 11,000	75%	\$ 8,250
	4.7%	<b>Preconstruction Total</b>				\$ 346,000	75%	\$ 259,500
<b>Construction Engineering Costs</b>								
32	1.8%	Construction Contract Management	1	LS	110,000.00	\$ 110,000	75%	\$ 82,500
33	11.2%	Project Inspection	1	LS	680,000.00	\$ 680,000	75%	\$ 510,000
34	0.6%	Post-Construction / Warranty	1	LS	39,000.00	\$ 39,000	75%	\$ 29,250
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
	11.4%	<b>Construction Engineering Total</b>				\$ 829,000	75%	\$ 621,750
<b>Other Eligible Costs</b>								
37	0.5%	Basic Asset Inventory/Capital Improvement	1	LS	40,000.00	\$ 40,000	75%	\$ 30,000
38	0.0%		0		-	\$ -	75%	\$ -
39	0.0%		0		-	\$ -	75%	\$ -
40	0.0%		0		-	\$ -	75%	\$ -
41	0.0%		0		-	\$ -	75%	\$ -
	0.5%	<b>Other Eligible Total</b>				\$ 40,000	75%	\$ 30,000
<b>In-eligible Costs</b>								
42	0.1%	Legal Expenses	1	LS	5,000.00	\$ 5,000	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
45	0.0%		0		-	\$ -	0%	\$ -
	0.1%	<b>Other Ineligible Total</b>				\$ 5,000	0%	\$ -
100.0%		<b>Total</b>				\$ 7,300,800		
		<b>Eligible Total</b>				\$ 7,295,800	75%	\$ 5,471,850
<b>Federal or State Funds That Supplant Costs</b>								
						\$ -		
		<b>Eligible Cost Total</b>				\$ 7,295,800	75%	\$ 5,471,850

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** South Central Regional Water District  
**Project Title:** Service to Napoleon

**Date:** December 26, 2024

**Explanation of Alternatives:**

Napoleon Tank (Preferred) - Build a tank in the system north of Napoleon. Add parallel pipe in areas between Linton and the existing McIntosh Tanks. No additional parallel pipe would be required between the McIntosh Tanks and the town of Napoleon.

Napoleon Mainline Parallel Pipe - Add parallel pipeline from the McIntosh Tanks to the town of Napoleon.

Do Nothing - Continued operation of the existing water treatment plant until funding can be secured for a new facility.

**Inputs:**

New Connections Served	1	Current CIF Balance	na
Future Connections Served	1	Annual CIF Contribution	na
Current Connections Served	1812	Cash Funding Target (Percentage %) New Assets	na
Net Connections (New + Current)	1813	Cash Funding Target (Percentage %) Existing Assets	na
		Annual CIF Contribution suggested for the Project	na

	Napoleon Tank	Napoleon Mainline Parallel	Do Nothing	
Construction Cost	\$7,255,800	\$7,922,000	\$0	
Annual O & M	\$5,000	\$2,000	\$0	

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	Napoleon Tank	Napoleon Mainline Parallel	Do Nothing	
Present Value				
Capital Costs	\$7,159,000	\$7,816,000	\$0	
O&M	\$129,000	\$57,000	\$0	
Repair, Rehab, Replacement	\$1,802,000	\$1,339,000	\$0	
Salvage Value	\$369,000	\$148,000	\$0	
<b>Total PVC</b>	<b>\$8,721,000</b>	<b>\$9,064,000</b>	<b>\$0</b>	
<b>PV Cost Per User</b>	<b>\$4,810</b>	<b>\$4,999</b>	<b>\$0</b>	

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$70</b>			
<b>Comparable Water Rate</b>	<b>\$78</b>			
Net Connections (New + Current)	1,813	1,813	1,813	
Cost-Share Percent	75%	75%	75%	
Local Share	\$1,789,750	\$1,954,000	\$0	
Other Funding	\$0	\$0	\$0	
Total Local	\$1,789,750	\$1,954,000	\$0	
<b>Payment Per User With Cost-Share</b>	<b>\$4.99</b>	<b>\$5.45</b>	<b>\$0.00</b>	
Local Share	\$7,159,000	\$7,816,000	\$0	
Other Funding	\$0	\$0	\$0	
Total Local	\$7,159,000	\$7,816,000	\$0	
<b>Payment Per User Without Cost-Share</b>	<b>\$19.98</b>	<b>\$21.81</b>	<b>\$0.00</b>	

**Explanation of Results:**

The sponsor preferred project is the "Napoleon Tank" option. The present value cost of the preferred alternative is \$8,721,000 and \$9,064,000 for the "Napoleon Mainline Parallel Pipe" alternative for comparison. The capital expenditure cost for the preferred alternative is \$7,159,000. The present value cost per user for the preferred alternative is \$4,810. The monthly user cost of the local share with DWR 75% cost-share participation is \$4.99 per month and \$19.98 without DWR participation.

	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2023		
ND Dept. of Commerce Population & Trends	752	745	-0.1%	-1

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.





10700 Hwy 1804 North  
PO Box 4182  
Bismarck, ND 58502-4182  
(701) 258-8710 • Fax (701) 223-6041  
[www.southcentralwaternd.com](http://www.southcentralwaternd.com)

Date: 11/19/2024

Subject: SWC Cost Share Program

South Central Regional Water District formally requests to apply for SWC Cost-Share funding for the Service to Napoleon project. The Citizens of Napoleon voted in June and overwhelmingly approved to move forward with getting Rural Water for the town. Napoleon's City Council Met on July 1<sup>st</sup> 2024 and approved the motion.

The Board of Directors at South Central Regional Water District voted and passed a motion at the November 19, 2024 board meeting to start the process of obtaining funding for this project. This project will provide much needed quality drinking water to the City of Napoleon. Attached is the application and meeting minutes from the SCWD board meeting addressing the funding request.

Thank you for consideration of this funding request.

Sincerely

A handwritten signature in blue ink, appearing to read "David Lang", is written over a light blue circular stamp.

David Lang  
President  
South Central Regional Water District



South Central Regional Water  
BOARD OF DIRECTORS MEETING  
November 19, 2024

**Directors Present:** President Dave Lang, Vice-President Mark Kinzler, Secretary-Treasurer Joe LaFave, Assistant Secretary-Treasurer Steve Ellefson (via Zoom), Director Greg Larson, Director Steven Bitz, and Director Ken Nieuwsma (via Zoom).

**Others present:** Executive Director Larry Kassian, Assistant General Manager Larry Kirschmann, CFO Alan Smith, and Tyson Decker with Bartlett & West Engineers.

**Directors Absent:** All were present.

The meeting was called to order at 5:30 pm.

A motion and a second were made to approve the consent agenda (October 2024 minutes and delinquent accounts).

The District's financial report was given. A motion and a second were made to accept the report. The motion was unanimously passed.

Discussion of Department of Water Resources Projects.

Review and Approve Bartlett & West invoice for Construction Engineering of the Ashley Main Transmission Line Improvements through a 75% grant from the Department of Water Resources, in the amount of \$75,678.17. A motion and second were made for approval. A roll call vote was conducted, and the motion was unanimously passed.

Review and Approve Wagner Construction PE #3 Ashley Main Transmission Line Improvements through a 75% grant from the Department of Water Resources, in the amount of \$2,047,238.00. A motion and second were made for approval. A roll call vote was conducted, and the motion was unanimously passed.

Review and Approve Bartlett & West invoice for Construction Engineering of the 2<sup>nd</sup> McIntosh Tank through a 75% grant from the Department of Water Resources, in the amount of \$10,224.55. A motion and second were made for approval. A roll call vote was conducted, and the motion was unanimously passed.

Review and Approve Maguire Iron, Inc. PE #3 Construction of the 2<sup>nd</sup> McIntosh Tank through a 75% grant from the Department of Water Resources, in the amount of \$28,655.00. A motion and second were made for approval. A roll call vote was conducted, and the motion was unanimously passed.

Review and Approve Moore Engineering, Inc. invoice for Design Services on the U-Mary Service Area Water Storage Reservoir and Water Main project, in the amount of \$19,897.34. A motion and second were made for approval. A roll call vote was conducted, and the motion was unanimously passed.

Review and Approve Bartlett & West invoice for Design and Bidding of the Hawktree Elevated Tank through a 75% grant from the Department of Water Resources, in the amount of \$1,352.50. A motion and second were made for approval. A roll call vote was conducted, and the motion was unanimously passed.

The System Status Report was reviewed and placed on file.

The Preliminary Budget was reviewed and will be acted upon during the December board meeting.

Under new business there was a discussion of the Letter of Intent of Application on Cost-Share Funding for Service to the City of Napoleon, ND. A motion and second were made to approve the motion as presented. All were in favor and the motion was unanimously approved.

Next was a discussion of the Rural Water Legislative Social 2025. A motion and second were made to approve a deposit of \$300 for the social. A roll call vote was conducted, and the motion was unanimously passed.

The final discussion under new business was a discussion of getting Key Man Life Insurance on Assistant General Manager Larry Kirschmann. After discussion a motion and second were made to obtain the Key Man Life Insurance in the amount of \$250,000 with South Central Regional Water District being the beneficiary. A roll call vote was conducted, and the motion was unanimously passed.

The meeting adjourned at 6:20 pm.

Respectfully submitted,

---

Joe LaFave Secretary-Treasurer

# 1084276 - Four Bears Water Treatment Plant - Equipment Procurement

## Application Details

**Funding Opportunity:** 1084196-October 2024 - June 2025 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2025 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Under Review  
**Stage:** Final Application

**Initial Submit Date:** Dec 18, 2024 10:43 AM  
**Initially Submitted By:** Jared Huibregtse  
**Last Submit Date:** Dec 19, 2024 12:41 PM  
**Last Submitted By:** Jared Huibregtse

## Contact Information

### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Mr. Jack Fletcher  
Salutation First Name Middle Name Last Name  
**Title:**  
**Email\*:** [jack.fletcher@bartwest.com](mailto:jack.fletcher@bartwest.com)  
**Address\*:** 3456 E Century Ave,  
  
 Bismarck North Dakota 58503  
City State/Province Postal Code/Zip  
**Phone\*:** 701-221-8370 Ext.  
Phone  
 ###-###-####  
**Fax:** ###-###-####  
**Comments:**

### Organization Information

**Status\*:** Approved  
**Name\*:** Fort Berthold Rural Water  
**Organization Type\*:** Tribal Government  
**Tax Id:**  
**Organization Website:**  
**Address\*:** 308 4 Bears Complex

New Town North Dakota 58763-\_\_\_\_  
City State/Province Postal Code/Zip

**Phone\*:** (701) 627-8185 Ext.  
### ### #####

**Fax:** ### ### #####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** Four Bears Water Treatment Plant - Equipment Procurement

**Sponsor(s)\*:** Fort Berthold Rural Water

**County\*:** Mountrail

**City\*:** New Town

**Description of Request\*:** New

**If Study, What Type:**

**If Project/Program, What Type:**

#### **Jurisdictions/Stakeholders Involved\*:**

This project involves the Four Bears Segment of the Fort Berthold Reservation, which is served by Fort Berthold Rural Water (FBRW). The Four Bears Segment is located West of New Town across the Four Bears Bridge in the northwest corner of the Fort Berthold Reservation. The Four Bears distribution system currently serves a population of approximately 1,000 residents in addition to industrial, energy, and agricultural customers. The Segment is also an important tourism destination for the Tribe.

#### **Describe the Problem\*:**

The existing Four Bears water treatment plant is nearing the end of its useful life and has undergone multiple improvements and repairs to-date. Ongoing and future economic development in the Segment will require a long-term water treatment and distribution solution, along with the capability to expand as growth continues. Within the next decade, the existing facility will likely reach its design capacity, or deteriorate to the point of needing replacement, or both. Additionally, the existing treatment plant is situated just off the shore of Lake Sakakawea, east of the Four Bears Casino. Building a new water treatment plant in a different location would allow the Three Affiliated Tribes (TAT) to develop the real estate occupied by the current WTP to increase tourism, casino amenities, lodging, live events, and overall enhance visitor experiences.

#### **Provide Project Details, Objectives and Solutions to Address Problem\*:**

As part of the new water treatment plant being constructed, the Tribe plans to pre-procure the sedimentation basins and membrane filtration equipment to be installed in the new treatment plant. This application is for the procurement costs of the sedimentation basins and filtration equipment. The reason for pre-procurement of this equipment, is it is vital to know the equipment size when designing the facility.

For this project,

**Choose City, County, Water District or Other\*:** Other

**What is the Current Estimated Population?\*** 1000

For this project,

**What is the Benefited Population?\*** 1000

**Have Assessment Districts Been Formed?\*** N/A

**Have Land or Easements Been Acquired?\*** Ongoing

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: Yes

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: N/A

**Have You Applied for any State Permits?\***: N/A

**Have You Applied for any Local Permits?\***: N/A

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: N/A

**Design Completion\***: December 2024

**Bid\***: January 2025

**Construction Start\***: October 2026

**Construction Completion\***: Winter 2028

### Explain Additional Timeline Issues\*:

These dates are approximate. Factors that could move the project timeline include number and quality of bids received, and potential but currently uncertain funding support from the US Bureau of Reclamation.

**Consulting Engineer\***: Jack Fletcher (Bartlett & West)

**Engineer Telephone Number\***: 701-221-8370

**Engineer Email\***: [jack.fletcher@bartwest.com](mailto:jack.fletcher@bartwest.com)

### Certification (Must Be Completed by Project Sponsor)

**Submitted by\***: Joseph Silveria 11/15/2024  
First Name Last Name Date

**Address\***: 308 4 Bears Complex  
Address Line 1  
Address Line 2  
New Town North Dakota 58763-0000  
City State Zip Code

**Telephone Number\***: 701-627-8185

**Sponsor Email\***: [jsilveria@mhanation.com](mailto:jsilveria@mhanation.com)

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:**

Joseph Silveria 11/15/2024  
First Name Last Name Date

**Title/Position/Authority\*:**

Public Works Administrator, Three Affiliated Tribes

## Documentation

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### Documentation

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

[CLICK HERE](#) to see examples.

**Project Specific Map**

[Four Bears Map\\_WTP.pdf](#)

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking SRF or IRLF Funding?\***: No

**Are You Seeking Department of Water Resources Cost-Share?\***: Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** [Signed Resolution.pdf](#)

**Cover Letter:** [Cover Letter\\_Signed.pdf](#)

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE](#) for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** [sfn\\_61801\\_delineation\\_of\\_cost\\_4Bears WTP.xlsx](#)

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** [FBRW Modular Membrane Filtration Equipment RFP\\_ Issued 12.16.2024 2.pdf](#)

**Water Supply Projects?:** Yes

[CLICK HERE](#) for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.

**Life Cycle Cost Analysis:** [life\\_cycle\\_cost\\_analysis\\_worksheet\\_4Bears WTP.xlsx](#)

[CLICK HERE](#) for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:** [FBRW\\_Asset Inventory.xlsx](#)

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No



Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?: No

Sovereign Land Permit, if Required:

DWR Construction Permit, if Required:

Conditional Letter of Map Revision (CLOMR), if Required:

Feasibility/Engineering Study for the Proposed Project: No

Photos of Problem/Issue:

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s): Yes

Other Applicable Document: [FBRW Flocculation Sedimentation Pre-treatment Equipment RFP \\_ Issued 12.16.2024 1.pdf](#)

Other Applicable Document:

Other Applicable Document:

## Sources

### Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Construction		Current Request	\$400,000.00	\$400,000.00	\$2,950,000.00	\$3,750,000.00	Grant	0.00	0.00
Other	Local Share - Three Affiliated Tribes	Already Approved	\$100,000.00	\$100,000.00	\$1,050,000.00	\$1,250,000.00		0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$2,000,000.00	\$26,230,600.00	\$28,230,600.00	Grant	0.00	0.00
Other	Local Share - Three Affiliated Tribes	Already Approved	\$0.00	\$500,000.00	\$12,248,528.00	\$12,748,528.00		0.00	0.00
			<b>\$500,000.00</b>	<b>\$3,000,000.00</b>	<b>\$42,479,128.00</b>	<b>\$45,979,128.00</b>			



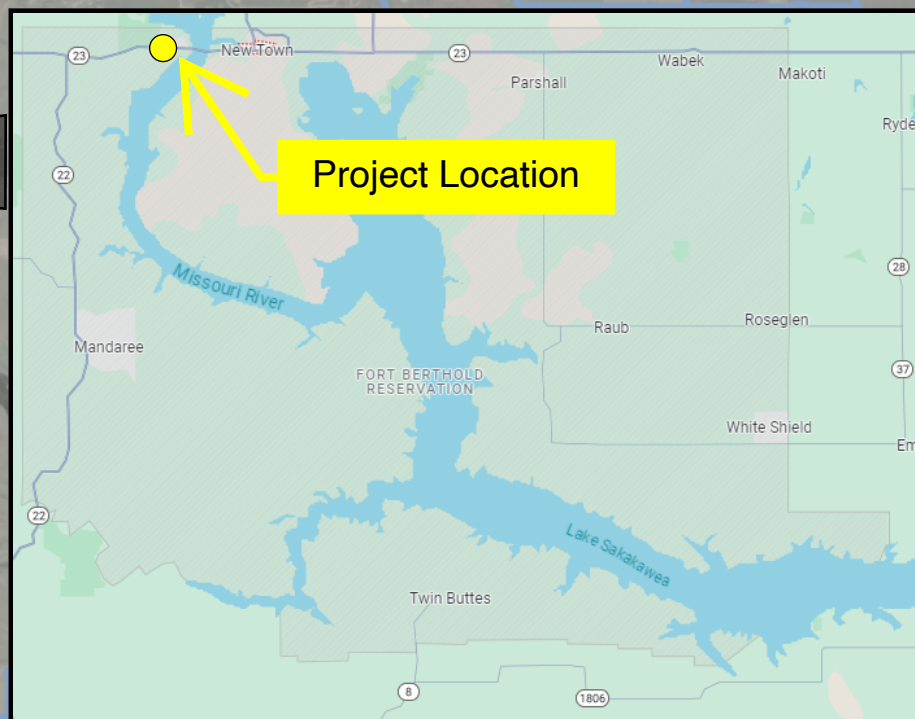
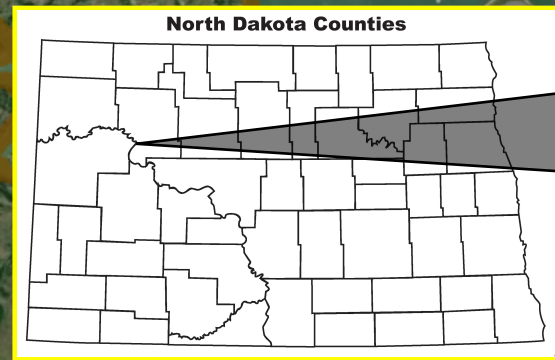
- BS Booster Station
- W Water Intake
- WD Water Depot
- T Tank
- WTP Water Treatment Plant
- Pipelines

Proposed New Raw Water Line Detailed Further on Next Page

Proposed New Water Treatment Plant Site

Proposed Upgrades to Existing Intake

Existing WTP



# Four Bears Segment







0 0.25 0.5 Miles

New Raw Water Line  
Approximate Route

Proposed New Water  
Treatment Plant Site

Existing  
WTP

# Four Bears Segment New Raw Water Line Approximate Route



**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61801 (02/2023)

DWR Date Received : December 19, 2024

<b>Project:</b>	Four Bears New Intake, Raw Water Line, & WTP Facility (1,000) GPM
<b>Sponsor:</b>	Fort Berthold Rural Water
<b>Contact:</b>	Jack Fletcher, P.E., Project Manager
<b>Phone:</b>	701-221-8370
<b>Engineer:</b>	Jack Fletcher, Bartlett & West
<b>Phone:</b>	701-221-8370

<b>Total Cost :</b>	\$ 45,979,128
<b>Ineligible Cost :</b>	\$ 3,338,367
<b>Eligible Cost :</b>	\$ 42,640,761
<b>Local Cost :</b>	\$ 13,998,528

**Date:** December 13, 2024

	<b>Cost-Share \$</b>
	\$ 31,980,600
<b>Preconstruction :</b>	\$ 1,354,500
<b>Construction :</b>	\$ 31,751,071
<b>Current Request :</b>	\$ <b>3,750,000</b>

<b>Project Type:</b>	<b>Cost-share %</b>
Rural Water - Expansion/Improvement	75%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	4.0%	Mobilization	1	LS	1,572,510.00	\$ 1,572,510	75%	\$ 1,179,383
2	0.3%	Bonding	1	LS	100,000.00	\$ 100,000	75%	\$ 75,000
3	0.3%	Insurance	1	LS	100,000.00	\$ 100,000	75%	\$ 75,000
4	7.6%	Water Main 12 in	15000	LF	200.00	\$ 3,000,000	75%	\$ 2,250,000
5	1.9%	Pipeline Appurtenances	1	LS	750,000.00	\$ 750,000	75%	\$ 562,500
6	2.5%	Inlake Structure	1	LS	1,000,000.00	\$ 1,000,000	75%	\$ 750,000
7	1.3%	Pump Equipment	1	LS	500,000.00	\$ 500,000	75%	\$ 375,000
8	25.2%	Building	1	LS	10,000,000.00	\$ 10,000,000	75%	\$ 7,500,000
9	7.6%	Mechanical	1	LS	3,000,000.00	\$ 3,000,000	75%	\$ 2,250,000
10	15.1%	Electrical	1	LS	6,000,000.00	\$ 6,000,000	75%	\$ 4,500,000
11	5.0%	Analytical Equipment	1	LS	2,000,000.00	\$ 2,000,000	75%	\$ 1,500,000
12	7.6%	Water Treatment	1	LS	3,000,000.00	\$ 3,000,000	75%	\$ 2,250,000
13	1.9%	Sedimentation Basins	1	EA	750,000.00	\$ 750,000	75%	\$ 562,500
14	1.9%	Sedimentation Basins	1	EA	750,000.00	\$ 750,000	75%	\$ 562,500
15	2.9%	Ultrafiltration Membrane Skid	1	EA	1,166,666.67	\$ 1,166,667	75%	\$ 875,000
16	2.9%	Ultrafiltration Membrane Skid	1	EA	1,166,666.67	\$ 1,166,667	75%	\$ 875,000
17	2.9%	Ultrafiltration Membrane Skid	1	EA	1,166,666.67	\$ 1,166,667	75%	\$ 875,000
18	0.0%		0		-	\$ -	75%	\$ -
19	0.0%		0		-	\$ -	75%	\$ -
20	0.0%		0		-	\$ -	75%	\$ -
21	0.0%		0		-	\$ -	75%	\$ -
22	0.0%		0		-	\$ -	75%	\$ -
23	0.0%		0		-	\$ -	75%	\$ -
24	0.0%		0		-	\$ -	75%	\$ -
25	0.0%		0		-	\$ -	75%	\$ -
26	0.0%		0		-	\$ -	75%	\$ -
		<b>Construction Sub-Total</b>				\$ 36,022,510	75%	\$ 27,016,883
	10.0%	<b>Contingency</b>				\$ 3,602,251	75%	\$ 2,701,688
	86.2%	<b>Construction Total</b>				\$ 39,624,761	75%	\$ 29,718,571
<b>\$5,000,001 current total</b>								
<b>Preconstruction Costs</b>								
27	2.0%	Preliminary Design	1	LS	806,000.00	\$ 806,000	75%	\$ 604,500
28	2.5%	Final Design	1	LS	1,000,000.00	\$ 1,000,000	75%	\$ 750,000
29	0.0%	Bidding / Negotiations	1	LS	-	\$ -	75%	\$ -
30	0.0%		0		-	\$ -	75%	\$ -
31	0.0%		0		-	\$ -	75%	\$ -
	3.9%	<b>Preconstruction Total</b>				\$ 1,806,000	75%	\$ 1,354,500
<b>Construction Engineering Costs</b>								
32	3.4%	Construction Contract Management	1	LS	1,355,000.00	\$ 1,355,000	75%	\$ 1,016,250
33	3.4%	Project Inspection	1	LS	1,355,000.00	\$ 1,355,000	75%	\$ 1,016,250
34	0.0%		0		-	\$ -	75%	\$ -
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
	5.9%	<b>Construction Engineering Total</b>				\$ 2,710,000	75%	\$ 2,032,500
<b>Other Eligible Costs</b>								
37	0.0%		0		-	\$ -	75%	\$ -
38	0.0%		0		-	\$ -	75%	\$ -
39	0.0%		0		-	\$ -	75%	\$ -
40	0.0%		0		-	\$ -	75%	\$ -
41	0.0%		0		-	\$ -	75%	\$ -
	0.0%	<b>Other Eligible Total</b>				\$ -	75%	\$ -
<b>In-eligible Costs</b>								
42	1.0%	Easement	1	NA	451,500.00	\$ 451,500	0%	\$ -
43	3.0%	TERO & EPA Fees	1	LS	1,386,866.64	\$ 1,386,867	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
45	0.0%		0		-	\$ -	0%	\$ -
	4.0%	<b>Other Ineligible Total</b>				\$ 1,838,367	0%	\$ -
100.0%		<b>Total</b>				\$ 45,979,128		
		<b>Eligible Total</b>				\$ 44,140,761	75%	\$ 33,105,571
<b>Federal or State Funds That Supplant Costs- US Bureau of Reclamation</b>								
						\$ 1,500,000		
		<b>Eligible Cost Total</b>				\$ 42,640,761	75%	\$ 31,980,571

\* The Cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** Fort Berthold Rural Water  
**Project Title:** Four Bears Intake, Raw Water Line, & Water Treatment Plant (WTP)

**Date:** December 26, 2024

**Explanation of Alternatives:**

Intake Upgrades, Raw Water Line, & New WTP (Preferred) - A new water treatment plant and a new raw water line to be built west of the existing treatment facility in the Four Bears Segment of the Fort Berthold Reservation. The existing intake structure will be upgraded, rather than replaced. The new facilities would provide a long-term water treatment and distribution solution that will support economic growth in the Four Bears Segment for decades.

Improve Existing WTP - This alternative would improve the existing Four Bears WTP (located east of the casino along Lake Sakakawea) and intake infrastructure. The improvements would increase capacity of the existing WTP to 1,000 GPM.

Do Nothing - The do nothing alternative would involve continued operation of the existing water treatment plant until funding can be secured for a new facility.

**Inputs:**

New Connections Served	0	Current CIF Balance	\$0
Future Connections Served	100	Annual CIF Contribution	\$0
Current Connections Served	310	Cash Funding Target (Percentage %) New Assets	25%
Net Connections (New + Current)	310	Cash Funding Target (Percentage %) Existing Assets	50%
		Annual CIF Contribution suggested for the Project	\$471,075

	Intake Upgrades, Raw Water Line, & New WTP (Preferred)	Improve Existing WTP	Do Nothing
Construction Cost	\$45,979,200	\$5,941,000	\$0
Annual O & M	\$2,000	\$2,000	\$0

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	Intake Upgrades, Raw Water Line, & New WTP (Preferred)	Improve Existing WTP	Do Nothing
Capital Costs	\$45,979,000	\$5,941,000	\$0
O&M	\$61,000	\$61,000	\$0
Repair, Rehab, Replacement	\$23,850,000	\$2,147,000	\$0
Salvage Value	\$3,587,000	\$839,000	\$0
<b>Total PVC</b>	<b>\$66,303,000</b>	<b>\$7,310,000</b>	<b>\$0</b>
<b>PV Cost Per User</b>	<b>\$213,881</b>	<b>\$23,581</b>	<b>0</b>

Current Water Rate (Cost Per 5000g)	\$0		
Comparable Water Rate	\$76		
Net Connections (New + Current)	310	310	310
Cost-Share Percent	75%	75%	75%
Local Share	\$11,494,750	\$1,485,250	\$0
Other Funding	\$0	\$0	\$0
Total Local	\$11,494,750	\$1,485,250	\$0
<b>Payment Per User With Cost-Share</b>	<b>\$187.58</b>	<b>\$24.24</b>	<b>\$0.00</b>
Local Share	\$45,979,000	\$5,941,000	\$0
Other Funding	\$0	\$0	\$0
Total Local	\$45,979,000	\$5,941,000	\$0
<b>Payment Per User Without Cost-Share</b>	<b>\$750.32</b>	<b>\$96.95</b>	<b>\$0.00</b>

**Explanation of Results:**

The sponsor preferred project is the "Intake Upgrades, Raw Water Line, & New WTP" option. The present value cost of the preferred alternative is \$66,303,000 and \$7,310,000 for the "Improve Existing WTP" alternative for comparison. The capital expenditure cost for the preferred alternative is \$45,979,200. The present value cost per user for the preferred alternative is \$213,881. The monthly user cost of the local share with DWR 75% cost-share participation is \$188 per month and \$750 without DWR participation.

**Other Comments:**

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.





## Fort Berthold Rural Water

Three Affiliated Tribes • 308 4 Bears Complex New Town, ND 58763

Phone: 701-627-8185 • Fax: 701-627-4303

December 11, 2024

North Dakota Department of Water Resources  
C/O Julie Prescott  
1200 Memorial HWY  
Bismarck, ND 58504

**SUBJECT: Acknowledgement of Cost-Share Request**

Dear Director Travnicek and Members of the Commission:

Fort Berthold Rural Water (FBRW) hereby acknowledges that a request for State Water Commission Cost-Share for a new Four Bears Water Treatment Plant, Raw Water Line, and Intake upgrades is an authorized request. FBRW and its engineering consultant, Bartlett & West, are working collaboratively on the request and other documents required by the Department and/or the Commission.

A Tribal Resolution (Resolution No. 24-422-FWF) signed by the Tribal Chairman is also enclosed.

If there are any questions or concerns, please do not hesitate to contact me.

Respectfully,

A handwritten signature in black ink, appearing to read "Joseph Silveria", is written over a horizontal line. The signature is stylized and somewhat cursive.

Joseph Silveria, MHA Nation Public Works Administrator

Date: \_\_\_\_\_

12/11/2024



## Resolution No. 24-422-FWF



**RESOLUTION OF THE GOVERNING BODY OF THE  
THREE AFFILIATED TRIBES OF THE  
FORT BERTHOLD INDIAN RESERVATION**

**A Resolution Entitled, “*Authorizing Funding to Fort Berthold Rural Water for the Construction of Necessary Improvements to Supply Water to Tribal Facilities in the New Town Area.*”**

- WHEREAS,** The Mandan Hidatsa and Arikara Nation (MHA Nation), also known as the Three Affiliated Tribes, having accepted the Indian Reorganization Act of June 18, 1934, the authority under said Act, and having adopted a Constitution and By-laws (the Constitution) under said Act, and
- WHEREAS,** Pursuant to Article III, Section 1 of the Constitution, the Tribal Business Council is the governing body of the MHA Nation; and
- WHEREAS,** The Constitution authorizes and empowers the Tribal Business Council to engage in activities on behalf of and in the interest of the welfare and benefit of the MHA Nation and of the enrolled members thereof; and
- WHEREAS,** Pursuant to Article VI, Section 5(1) of the Constitution, the Tribal Business Council has the power to adopt resolutions regulating the procedures of the Tribal Business Council, its agencies and officials; and
- WHEREAS,** Article VI, Section 5(c) of the Constitution specifically authorizes and empowers the Tribal Business Council to administer funds within the exclusive control of the Nation and to make expenditures from available Tribal funds for public purposes for the Nation; and
- WHEREAS,** The MHA Nation constructs, operates, maintains, and replaces (OM&R) the Fort Berthold Rural Water Supply (FBRWS) system under Indian Self-determination and Education Assistance Act contracts in order to provide safe drinking water throughout the Fort Berthold Indian Reservation (Reservation); and
- WHEREAS,** The North Dakota Legislature, having passed House Bill 1385, made “Federally Recognized Indian Tribes or any agency, department, or officer thereof” eligible to apply for cost-share assistance through a contract with the State Water Commission; and
- WHEREAS,** The Four Bears Segment has experienced substantial development and growth which has stressed its existing water supply capacity, the Four Bears Segment has identified major economic development opportunities that could exhaust its water supply capacity entirely, and total costs for a new Four Bears water treatment plant, raw water intake, and raw water transmission line are estimated at \$50 million.



**NOW THEREFORE BE IT RESOLVED**, that the Tribal Business Council of the MHA Nation hereby authorizes Fort Berthold Rural Water, on behalf of MHA Nation, to pursue State Water Commission (SWC) cost-share grants for a new Four Bears Water Treatment Plant project in an effort to reduce the tribal funds required to build said project:

- **Four Bears Water Treatment Plant Estimated Cost - \$50,000,000.00**
  - Potential SWC Cost-Share (up to 75%) – Up to \$37,500,000; and

**BE IT FURTHER RESOLVED**, that the MHA Nation shall continue to pursue other available state and federal funding to support the project and/or reimbursement of the actual tribal funding expended.

**BE IT FINALLY RESOLVED**, that the Chairman is hereby authorized to execute such documents and take such further actions as are necessary to carry out the terms and intent of this Resolution.

**CERTIFICATION**

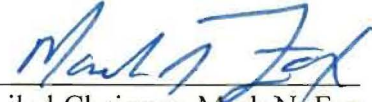
I, the undersigned, as Secretary of the Tribal Business Council of the Three Affiliated Tribes of the Fort Berthold Reservation, hereby certify that the Tribal Business Council is composed of 7 members of whom 5 constitute a quorum, 5 were present at a Regular Meeting there of duly called, noticed, convened, and held on the 7<sup>th</sup> day of December, 2023; that the foregoing Resolution was duly adopted at such Meeting by the affirmative vote of 5 members, 0 members opposed, 0 members abstained, 0 members not voting, and that said Resolution has not been rescinded or amended in any way.

Chairman [ X ] Voting. [ ] Not Voting.

Dated this 7<sup>th</sup> day of December, 2023.

**ATTEST:**

  
 Tribal Secretary Fred Fox  
 Tribal Business Council  
 Three Affiliated Tribes

  
 Tribal Chairman Mark N. Fox  
 Tribal Business Council  
 Three Affiliated Tribes

# 1084436 - GRWD: 2024 User Expansion

## Application Details

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<b>Funding Opportunity:</b>	1084196-October 2024 - June 2025 Infrastructure Request	<b>Initial Submit Date:</b>	Dec 13, 2024 2:15 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2025 3:00 PM	<b>Initially Submitted By:</b>	Brian Aafedt
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Brian  
First Name

Middle Name Aafedt  
Last Name

**Title:** Project Manager

**Email\*:** brian.aafedt@ae2s.com

**Address\*:** 4050 Garden View Dr.

### Organization Information

**Status\*:** Approved

**Name\*:** Greater Ramsey Water District

**Organization Type\*:** Political Subdivision

**Tax Id:** 45-0428798

**Organization Website:**

**Address\*:** 113 Shamrock Ln SE

	Grand Forks	North Dakota	58301-0000	Devils Lake	North Dakota
	City	State/Province	Postal Code/Zip	City	State/Province
58201					
Postal Code/Zip					
<b>Phone*:</b>	(701) 213-7470	Ext.	<b>Phone*:</b>	(701) 662-5781	Ext.
	Phone			###-###-####	
	###-###-####		<b>Fax:</b>	###-###-####	
<b>Fax:</b>	###-###-####				
<b>Comments:</b>			<b>Vendor ID:</b>		
			<b>PeopleSoft Supplier ID:</b>		
			<b>Comments:</b>		
			<b>Location Code:</b>		

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project, Program, or Study Name\*:** GRWD: 2024 User Expansion

**Sponsor(s)\*:** Greater Ramsey Water District

**County\*:** Ramsey

**City\*:** Devils Lake

**Description of Request\*:** Updated (previously submitted)

**If Study, What Type:** Water Supply

**If Project/Program, What Type:** Rural Water Supply

**Jurisdictions/Stakeholders Involved\*:**  
Greater Ramsey Water District

**Describe the Problem\*:**  
Many residences in the Devils Lake Basin currently supplied by well water have shown interest in connecting to rural water. Well users are experiencing problems with alarming contaminant levels for arsenic, manganese, nitrates, iron, etc. (as much as 5-10x above EPA safety thresholds), as verified

through 2023 well sampling. Original construction estimates in the August 2024 design request included 100 users; however, as sign-ups have continued to come in; 128 parties are now signed up for the project. Additionally, field observation data and hydraulic modeling conducted over Summer of 2024 showed transmission bottlenecks in GRWD's system which do not allow for user addition in certain areas without transmission improvement for pressure and volume (see attached PER). These factors have combined to increase original project scope to include additional users and transmission improvements/expansion. GRWD is requesting state cost-share construction funding to move forward with the project.

**Provide Project Details, Objectives and Solutions to Address Problem\*:**

GRWD is proposing to expand service to accommodate new users with treated potable water to remediate water quality and reliability concerns. This requires installation of additional primarily distribution and service pipelines to new users who can feasibly be served by GRWD. It will also require targeted sections of parallel and increased capacity transmission pipeline construction to improve bottlenecks and provide adequate capacity for these new users without affecting minimum service level standards for existing customers. This request includes estimated costs for all eligible project construction expenses, including materials, contractors, construction engineering, and construction administration.

**For this project,**

**Choose City, County, Water District or Other\*:** Water District

**What is the Current Estimated Population?\*** 8000

**For this project,**

**What is the Benefited Population?\*** 375

**Have Assessment Districts Been Formed?\*** N/A

**Have Land or Easements Been Acquired?\*** Ongoing

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** Yes

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: N/A

**Have You Applied for any State Permits?\***: No

**Have You Applied for any Local Permits?\***: No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No  
 (Example: Hazard Mitigation Grant Program)

\*:

### Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: 07/2024

**Design Completion\***: 01/2025

**Bid\***: 02/2025

**Construction Start\***: 06/2025

**Construction Completion\***: 11/2026

**Explain Additional Timeline Issues\***:

None anticipated at this time.

**Consulting Engineer\***: AE2S



**Engineer Telephone Number\*:** 701-746-8087

**Engineer Email\*:** brian.aafedt@ae2s.com

***Certification (Must Be Completed by Project Sponsor)***

**Submitted by\*:** Lonnie Lacina 12/13/2024  
First Name Last Name Date

**Address\*:** 113 Shamrock Lane SE  
Address Line 1  
Address Line 2

Devils Lake North Dakota 58301-0000  
City State Zip Code

**Telephone Number\*:** 701-662-5781

**Sponsor Email\*:** lonniel@grwdnd.com

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:** Lonnie Lacina 12/13/2024  
First Name Last Name Date

**Title/Position/Authority\*:** Manager

# Documentation

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## ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

CLICK HERE to see examples.

**Project Specific Map** GRWD User Expansion.pdf  
 Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community  
 \*:

**Are You Seeking SRF or IRLF Funding?\***: No

**Are You Seeking Department of Water Resources Cost-Share?\***: Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** December 5 2024 Draft Minutes.pdf

**Cover Letter:** Cover Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** sfn\_61801\_delineation\_of\_cost.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** GRWD - 2024 User Expansion Planset and Specifications.pdf

**Water Supply Projects?:** Yes

CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.

**Life Cycle Cost Analysis:** life\_cycle\_cost\_analysis\_worksheet.xlsx

CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:** GRWD\_State Basic Asset Inventory Tool.xlsx

**Rural Flood Control?:** No

**Drain Reconstructions?:** No

**Flood Recovery Property Acquisition?:** No

**Community Flood Control, Rural Flood Control, Bank Stabilization, or Snag & Clear Project With Total Cost of \$200,000 or More?:** No

**Sovereign Land Permit, if Required:**

**DWR Construction Permit, if Required:**

**Conditional Letter of Map Revision (CLOMR), if Required:**

**Feasibility/Engineering Study for the Proposed Project:** Yes

**Feasibility/Engineering Study Material:** GRWD - 2024 User Expansion PER with Addendum.pdf

**Photos of Problem/Issue:**

**GIS Files:** Project\_Routing.zip Please Compress All Files Into One .zip File.

**Other Applicable Document(s):**

## Sources

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***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

**If Other, State Fiscal**

Source	Specify Funding Source	Source Status	Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Pre-Construction		Already Approved	\$93,750.00	\$375,750.00	\$0.00	\$469,500.00	Grant	0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$7,476,752.00	\$0.00	\$7,476,752.00	Grant	0.00	0.00
Other	Local Share		\$0.00	\$2,648,751.00	\$0.00	\$2,648,751.00		0.00	0.00
			<b>\$93,750.00</b>	<b>\$10,501,253.00</b>	<b>\$0.00</b>	<b>\$10,595,003.00</b>			

**GRWD: 2024 USER & TRANSMISSION EXPANSION**  
**GREATER RAMSEY WATER DISTRICT**  
 Devils Lake, ND



New 4" to parallel ex. 6" and connection to NRWD to improve capacity for new users in north system

New 12" to parallel ex. 6" to improve capacity for new users along Highway 19

New 8" to parallel ex. 6" to improve capacity for new users in south system

**Legend**

- New Service Location
- Intested Future Service Locations

**New Pipeline**

- 2" Pipeline
- 3" Pipeline
- 4" Pipeline
- 8" Pipeline
- 12" Pipeline
- - - Existing GRWD Pipeline
- ▭ GRWD Boundaries

Benson

57

Spirit Lake Reservation

20

Stump Lake

30

Eddy

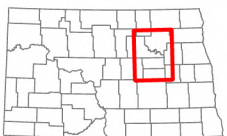
Tiffany Flats

173 ft

30

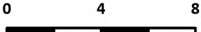
Carrington

6



Locator Map Not to Scale

1 inch = 43,000 feet



Miles







**DELINEATION OF COSTS**  
 NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
 PLANNING AND EDUCATION  
 SFN 61801 (7/2024)

DWR Date Received : December 13, 2024

<b>Project:</b>	GRWD: 2024 User Expansion
<b>Sponsor:</b>	Greater Ramsey Water District
<b>Contact:</b>	Lonnie Lacina, Manager
<b>Phone:</b>	701-662-5781
<b>Engineer:</b>	Brian Aafedt, AE2S
<b>Phone:</b>	701-213-7470

<b>Total Cost :</b>	\$ 10,595,003
<b>Ineligible Cost :</b>	\$ -
<b>Eligible Cost :</b>	\$ 10,595,003
<b>Local Cost :</b>	\$ 2,648,751

**Date:** December 12, 2024

	<b>Cost-Share \$</b>
	\$ 7,946,252
<b>Preconstruction :</b>	\$ 469,500
<b>Construction :</b>	\$ 7,476,752

<b>Project Type:</b>	<b>Cost-share %</b>
Rural Water Supply	75%

Item	%	Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	2.8%	Mobilization	1	LS	250,000.00	\$ 250,000	75%	\$ 187,500
2	1.1%	Bonding	1	LS	100,000.00	\$ 100,000	75%	\$ 75,000
3	1.0%	Insurance	1	LS	90,000.00	\$ 90,000	75%	\$ 67,500
4	35.6%	Water Main 2 in	420700	LF	7.50	\$ 3,155,250	75%	\$ 2,366,438
5	0.5%	Water Main 3 in	4000	LF	11.00	\$ 44,000	75%	\$ 33,000
6	2.7%	Water Main 4 in	21500	LF	11.00	\$ 236,500	75%	\$ 177,375
7	0.0%	Water Main 6 in	100	LF	17.00	\$ 1,700	75%	\$ 1,275
8	9.1%	Water Main 8 in	42600	LF	19.00	\$ 809,400	75%	\$ 607,050
9	4.7%	Water Main 12 in	15000	LF	28.00	\$ 420,000	75%	\$ 315,000
10	10.7%	Water Main 2 in	52600	LF	18.00	\$ 946,800	75%	\$ 710,100
11	0.1%	Water Main 3 in	400	LF	21.00	\$ 8,400	75%	\$ 6,300
12	0.2%	Water Main 4 in	650	LF	24.00	\$ 15,600	75%	\$ 11,700
13	0.1%	Water Main 6 in	200	LF	40.00	\$ 8,000	75%	\$ 6,000
14	1.3%	Water Main 8 in	2600	LF	43.00	\$ 111,800	75%	\$ 83,850
15	2.2%	Water Main 12 in	2575	LF	75.00	\$ 193,125	75%	\$ 144,844
16	5.8%	Fittings (Includes tie-in costs)	1	LS	515,000.00	\$ 515,000	75%	\$ 386,250
17	1.9%	Gate Valve	44	EA	3,800.00	\$ 167,200	75%	\$ 125,400
18	3.6%	Curb Stop/1-inch Flush Hydrant	128	EA	2,500.00	\$ 320,000	75%	\$ 240,000
19	1.2%	Meter	86	EA	1,200.00	\$ 103,200	75%	\$ 77,400
20	1.3%	Meter - Frost Free	38	EA	3,000.00	\$ 114,000	75%	\$ 85,500
21	0.7%	PRV Manhole pressure relief valve	2	EA	33,000.00	\$ 66,000	75%	\$ 49,500
22	0.7%	Seeding	71	ACRE	850.00	\$ 60,350	75%	\$ 45,263
23	0.1%	Road Repair	100	SY	100.00	\$ 10,000	75%	\$ 7,500
24	0.4%	Gravel	850	TON	40.00	\$ 34,000	75%	\$ 25,500
25	2.8%	Restoration	503900	LF	0.50	\$ 251,950	75%	\$ 188,963
26	0.4%	Electrical and Controls for PRV Manhole	1	LS	35,000.00	\$ 35,000	75%	\$ 26,250
		<b>Construction Sub-Total</b>				\$ 8,067,275	75%	\$ 6,050,456
	10.0%	<b>Contingency</b>				\$ 806,728	75%	\$ 605,046
	83.8%	<b>Construction Total</b>				\$ 8,874,003	75%	\$ 6,655,502
<b>Preconstruction Costs</b>								
27	1.4%	Preliminary Design	1	NA	125,000.00	\$ 125,000	75%	\$ 93,750
28	3.4%	Final Design	1	NA	304,000.00	\$ 304,000	75%	\$ 228,000
29	1.4%	Permit and Easement Assistance	1	NA	122,000.00	\$ 122,000	75%	\$ 91,500
30	0.3%	Bidding / Negotiations	1	NA	25,000.00	\$ 25,000	75%	\$ 18,750
31	0.6%	Archeological Study	1	NA	50,000.00	\$ 50,000	75%	\$ 37,500
	5.9%	<b>Preconstruction Total</b>				\$ 626,000	75%	\$ 469,500
<b>Construction Engineering Costs</b>								
32	8.6%	Construction Engineering	1	NA	765,000.00	\$ 765,000	75%	\$ 573,750
33	0.0%		0		\$ -	\$ -	75%	\$ -
34	0.0%		0		\$ -	\$ -	75%	\$ -
35	0.0%		0		\$ -	\$ -	75%	\$ -
36	0.0%		0		\$ -	\$ -	75%	\$ -
	7.2%	<b>Construction Engineering Total</b>				\$ 765,000	75%	\$ 573,750
<b>Other Eligible Costs</b>								
37	3.1%	Crop Damage Compensation	1	NA	330,000.00	\$ 330,000	75%	\$ 247,500
38	0.0%		0		\$ -	\$ -	75%	\$ -
39	0.0%		0		\$ -	\$ -	75%	\$ -
40	0.0%		0		\$ -	\$ -	75%	\$ -
41	0.0%		0		\$ -	\$ -	75%	\$ -
	3.1%	<b>Other Eligible Total</b>				\$ 330,000	75%	\$ 247,500
<b>In-eligible Costs</b>								
42	0.0%		0		\$ -	\$ -	0%	\$ -
43	0.0%		0		\$ -	\$ -	0%	\$ -
44	0.0%		0		\$ -	\$ -	0%	\$ -
45	0.0%		0		\$ -	\$ -	0%	\$ -
	0.0%	<b>Other Ineligible Total</b>				\$ -	0%	\$ -
100.0%		<b>Total</b>				\$ 10,595,003		
		<b>Eligible Total</b>				\$ 10,595,003	75%	\$ 7,946,252
		<b>Federal or State Funds That Supplant Costs</b>				\$ -		
		<b>Eligible Cost Total</b>				\$ 10,595,003	75%	\$ 7,946,252

\* The cost-share estimate is purely for planning and informational purposes only and does not, in any way, guarantee a financial commitment to any degree, from the State Water Commission.



## Life Cycle Cost Analysis Review

**Sponsor:** Greater Ramsey Water District (GRWD) **Date:** December 24, 2024  
**Project Title:** 2024 User Expansion

**Explanation of Alternatives:**

Do Nothing - GRWD does not add users whose current well water quality is unreliable and is experiencing contaminant levels significantly higher than EPA MCL standards.

User Expansion (Preferred) - GRWD is proposing to expand service to accommodate new users with potable water to mitigate water quality and reliability concerns. This requires installation of additional primarily distribution and service pipelines to new users who can feasibly be served by GRWD. It will also require targeted sections of parallel and increased capacity transmission pipeline construction to improve bottlenecks and provide adequate capacity for these new users without affecting minimum service level standards for existing customers.

**Inputs:**

New Connections Served	130	Current CIF Balance	\$7,700,000
Future Connections Served	130	Annual CIF Contribution	\$1,000,000
Current Connections Served	0	Cash Funding Target (Percentage %) New Assets	25%
Net Connections (New + Current)	130	Cash Funding Target (Percentage %) Existing Assets	35%
		Annual CIF Contribution suggested for the Project	\$58,458

	Do Nothing	User Expansion	
Construction Cost	\$0	\$10,595,000	
Annual O & M	\$0	\$57,214	

**Details:**

Construction Cost and Capital Cost do not match due to time value of money and construction being split over multiple years.

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	Do Nothing	User Expansion	
Capital Costs	\$0	\$10,454,000	
O&M	\$0	\$1,472,000	
Repair, Rehab, Replacement	\$0	\$3,331,000	
Salvage Value	\$0	\$827,000	
<b>Total PVC</b>	<b>\$0</b>	<b>\$14,430,000</b>	
<b>PV Cost Per User</b>	<b>\$0</b>	<b>\$111,000</b>	

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$63</b>	
<b>Comparable Water Rate</b>	<b>\$47</b>	
Net Connections (New + Current)	130	130
Cost-Share Percent	75%	75%
Local Share	\$0	\$2,613,500
Other Funding	\$0	\$0
Total Local	\$0	\$2,613,500
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$101.70</b>
Local Share	\$0	\$10,454,000
Other Funding	\$0	\$0
Total Local	\$0	\$10,454,000
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$406.81</b>

**Explanation of Results:**

The sponsor preferred project is the "User Expansion" option. The present value cost of the preferred alternative is \$14,430,000 and \$0 for the "Do Nothing" alternative for comparison. The capital expenditure cost for the preferred alternative is \$10,595,000. The present value cost per user for the preferred alternative is \$111,000. The monthly user cost of the local share with DWR 75% cost-share participation is \$102 per month and \$407 without DWR participation.

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.

113 Shamrock Ln SE PO Box 1257  
Devils Lake, ND 58301  
Phone: 701-662-5781  
Fax: 701-662-6623  
Toll-Free: 888-223-0090  
www.grwdnd.com



December 5, 2024

Andrea Travnicsek, Ph.D.  
Director – Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND. 58504

**Re: Greater Ramsey Rural Water District (GRWD)  
GRWD – 2024 User Expansion Construction Cost Share Request  
Cost Share Request for 2024 – 2025 Biennium**

Dear Director Travnicsek:

This letter shall serve to acknowledge that Greater Ramsey Water District (GRWD) is requesting North Dakota State Water Commission (SWC) construction cost share for the GRWD – 2024 User Expansion Project. The project is planned to be bid in late January 2025. Assuming bid prices are reasonable, GRWD hopes to award the project following the bid opening.

The anticipated construction cost of the project can be found within our application, showing our current request. This request will be subject to change following the bid opening, where an adjustment to this amount will be resubmitted prior to the February 13, 2025 State Water Commission meeting. Within our request you will find meeting minutes attached which show a motion stating the intent of GRWD to apply for this cost share funding for the project.

Thank you very much for your assistance with this important project for Greater Ramsey Water District. If you have any questions, please feel free to contact GRWD at 701-662-5781 or Brian Aafedt with Advanced Engineering and Environmental Services, LLC. at (701) 746-8087.

Sincerely,

A handwritten signature in blue ink that reads "Doug Mohr".

Doug Mohr  
Greater Ramsey Water District Board of Directors President

c: Brian Aafedt, Project Manager

## GREATER RAMSEY WATER DISTRICT REGULAR MEETING

December 5, 2024

**DIRECTORS PRESENT:** Paul Becker, Kale Miller, Allen Johnson, Doug Mohr, Gilbert Black, Missy Abrahamson, David Hovendick

**OTHERS PRESENT:** Lonnie Lacina, Sally Herda - GRWD; Brian Aafedt – AE<sub>2</sub>S

The meeting was called to order at 7:54 a.m. by President Mohr at the District office.

Minutes from the November 7, 2024 regular meeting were reviewed. Motion by Abrahamson, seconded by Miller to approve the minutes. All directors voted aye and **motion carried**.

### Manager report

- **North system capacity improvement project**

- **AE<sub>2</sub>S project update** – Retainage of \$30,000 for the pipeline work is being held until Spring.

**Facility** – Fairly quiet, construction-wise. The Saunders booster roof has been installed. Preparations are being made for shutdown of the water treatment plant currently scheduled for January 20. Anticipated down time is 3-4 weeks for work to be completed. Pay applications for John's Refrigeration and American General have been submitted for payment and no additions to the facility change order list have been made.

Contingency summary and project budgets were reviewed.

- **User expansion project**

- **AE<sub>2</sub>S project update** – Agreement between NRWD and GRWD for connection near Webster was reviewed. Agreement covers sign up and connection costs with monthly cost to purchase water at the City of Devils Lake's rate to GRWD plus 25%. Term of the agreement is for five years and renews annually thereafter. Lacina has reviewed the agreement and recommends it be signed. Motion by Black, seconded by Hovendick to approve the agreement between NRWD and GRWD for connection to NRWD for supplemental water. All directors voted aye and **motion carried**. The final design is on track to meet the timeline for the bid process. The asset inventory assessment is being finalized and will be presented at the January meeting. Dan Weed has opted out of the project and a request for membership refund was made. Motion by Johnson, seconded by Becker to refund the membership less the \$50 non-refundable fee. All directors voted aye and **motion carried**.

An update on the high-cost users was presented. Those in the high-cost category have been provided with an opportunity to buy down the local share of the grant for the amount exceeding the base bid allowance. A deadline of December 6 has been set for these funds to be received so these connections can be moved into the base bid. Aafedt asked the board how to manage those applications for users on lines requiring cost-share of 2 or more in the event that not everyone along the route elects to participate. The directors determined that payments will be returned to those who paid on the high-cost multiple user lines if all the proposed users do not pay their portion. Modeling, pressure and flows were discussed and Aafedt indicated this may

be a broader issue in the south area. This area of the system is not at a critical point at this time but should be a consideration in long term planning.

Funding – The request for funding for additional design fees has been withdrawn as the threshold is one per project and this has already been used for preliminary work. Some of the unused easement funding can be applied toward the archaeological costs. The draft priority list for emerging contaminant (EC) funding has GRWD’s project ranked at #6. A review of the project under the priority listing indicates there may be some room for GRWD to move up. The likelihood of this may not be known until February and upon discussion, the directors decided to continue on the current path with a January/February bid and award, but to bid with the SRF bidding requirements which would meet EC funding guidelines. At the present time, GRWD will pursue the 75% SWC funding with 25% local cost share with funding options to reassessed in another month if EC funding opportunities become available. Aafedt recommends the District begin the SRF process (application) to begin the funding process. Motion by Black, seconded by Becker to approve **Resolution No. 24-1** authorizing Manager Lacina to file the application with the North Dakota Department of Environmental Quality for a loan under the Clean Water Act and/or the Safe Drinking Water Act. Upon vote, all directors voted aye and **motion carried**. The latest cost estimates were reviewed along with monthly base rates calculated based on 75% grant funding. Motion by Johnson, seconded by Abrahamson to apply to the State Water Commission for construction cost share for the user expansion project. This would follow the January bid and have numbers available for the February SWC meeting.

Invoices – Motion by Hovendick, seconded by approve payment of the project invoices: AE<sub>2</sub>S (\$58,648.73, \$20,801.00), American General #7 (\$586,179.23), John’s Refrigeration #8 (\$259,526.57) and Juniper #1 (\$50,000) for a total of \$975,155.53. All directors voted aye and **motion carried**.

- **COSA** – Lacina has been in contact with Sarah Sesselman to assist in bringing the District’s COSA up to date and to be a functional planning tool for rate setting and long-term planning. Aafedt stated Sarah has worked with AE<sub>2</sub>S’s Miranda Kleven when creating the COSA and that AE<sub>2</sub>S can incorporate the COSA into the asset inventory. Lacina also expressed need to work on the sewer aspect as well as he has been working with the EPA on needs of the rural sewer system.
- **Property** – Lacina reported the property adjoining to the west of the District’s office has been purchased by the Fire Department. They plan to put a training facility on the location, but the church needs to get moved off. The Fire Department is open to selling the lot between GRWD’s office and the church site. Lacina provided some idea of the cost to make required improvements to the lot to make it suitable for the District’s needs. Motion by Becker, seconded by Abrahamson to authorize Lacina to negotiate up to \$75,000 for purchase of the lot. **Motion carried** unanimously.
- **2025 Budget** – The budget numbers were updated with the changes made at the November meeting. Motion by Black, seconded by Miller to approve the 2025 budget and to set the water base rate for non-project customer installs at \$45. All directors voted aye and **motion carried**.
- **Theft of Service** – Lacina updated the directors on a theft of service discovered when the new owners of a property with a terminated water service contacted the office to shut off a curb stop that they were unable to do themselves. Curb stop had previously been locked and the top cover/lock had been broken off to access water. Without the cover, the opening became an entryway for snake hibernation. Curb stop has been shut off, owners

fined a \$1,000 penalty that must be paid, along with a membership, and cost to repair the curb stop, and return of the previous owner's meter before water service will be available.

**Office manager report**

- **Accounts Payable** – Motion by Hovendick, seconded by Miller to authorize payment of the November bills. **All directors voted aye and motion carried.**

	<u>WATER</u>	<u>SEWER</u>	<u>CHECK #</u>
Payroll direct deposit - net	21,171.07	3,691.52	1024E
Wages - Gross \$34,369.03			
EFTPS	8,218.22		1025E
941 payroll taxes			
Nationwide Retirement	1,520.00		1026E
Deferred compensation			
ND PERS	5,269.28		1027E
Retirement			
Cardmember Service	142.69	29.61	1028E
NDRIN, Adobe, fuel, phone accessories			
Payment Service Network	345.38	115.12	1029E
Payment processing			
ND PERS	3,295.26	929.44	1030E
Health insurance			
Nodak Electric	3,129.04	596.29	18245
System electricity			
Bravera Bank	500,000.00	500,000.00	18246
6-month CD			
Ace Hardware	11.66	3.88	18249
Office keys			
Advanced Business Methods	56.25	18.75	18250
Quarterly copier service contract			
Advanced Engineering			18251
N System Impr - construction, I&C services	20,801.00		
2024 user expn - final design, easements	58,648.73		
Amazon Capital Services	508.78	415.02	18252
Office supplies, pumps			
American General	586,179.23		18253
Payment #7, NIMP			
Banyon Data Systems	1,072.50	357.50	18254
Annual utility billing support			
City of Carrington	2,584.45		18255
807,100 gallons for resale			
City of Devils Lake	40.91	13.64	18247
Office utilities			
City of Devils Lake		2,171.40	18248
Wastewater -2,789,180 gallons			
City of Devils Lake	5,872.08		18256
Water for resale - 3,355,477 gallons			
RJ Durbin	50.00		18257
Service truck fuel			
Exhaust Pros	77.25	25.75	18258

Oil change			
Farmers Union Oil	1,150.77	259.94	18259
Service truck fuel			
Ferguson	6,372.65		18260
Water materials, repair			
Forum	54.00	18.00	18261
Cass certification			
GRWD Petty Cash	1,115.40	305.13	18262
Replenish account			
	<b><u>WATER</u></b>	<b><u>SEWER</u></b>	<b><u>CHECK #</u></b>
Hach	319.60		18263
WTP testing supplies			
Hawkins	10.00		18264
WTP cylinder charge			
Johns Refrigeration	259,526.57		18265
Payment #8, NIMP			
Juniper Environmental	50,000.00		18266
Cultural study - 24 User Expn			
Lonnie Lacina	94.00		18267
Service truck fuel			
Lake Region Electric	269.78	89.92	18268
Shop lights			
Leevers	13.79	4.60	18269
meeting supplies			
Macs	13.99		18270
Water, sewer supplies			
Montana Dakota Utilities	76.10	25.37	18271
Office utilities			
NAPA	242.24	98.21	18272
Truck parts, supplies			
ND Dept of Environmental Quality	369.95		18273
Fluoride, well testing			
ND One Call	195.95	26.25	18274
Locates			
ND Telephone	460.04	103.87	18275
Phone, internet, surveillance			
Network Center Inc	401.81	133.94	18276
Flex care service			
Nodak Electric	2000.00		18277
WTP - relocate 3-phase transformer			
Northern Plains Electric	195.30		18278
System electricity			
Ottertail Power Co	300.43	374.37	18279
System electricity			
Payroll Professionals	66.34	22.12	18280
Payroll services			
Pomps	1,021.47	340.49	18281
Tires - 23 Chevrolet pickup			
Quadiant	76.01	25.34	18282
Automate usage			
Running Supply	208.85	25.87	18283
Repair, shop, clothing supplies			
USA Blue Book	622.46	414.96	18284



Locate supplies			
Verizon	278.98	92.99	18285
Cell phone service			
Vestis	89.24	29.76	18286
Rug service			
Walmart	39.46	13.15	18287
Office,building supplies			
Dan Weed	1,950.00		18288
Opt out of expansion project			
Ramsey County Recorder	200.00		1188
Record easements - NIMP project			
	<b><u>WATER</u></b>	<b><u>SEWER</u></b>	<b><u>CHECK #</u></b>
Postmaster	765.40	255.13	1189
Billing postage			
Ramsey County Recorder	150.00	50.00	1190
Easement recording			
Postage machine	44.81	11.04	782JE
Nov postage			
<b>TOTALS</b>	<b>1,547,689.17</b>	<b>511,088.37</b>	

- **Financial report** - November financial report was reviewed and discussed. Motion by Johnson, seconded by Hovendick to approve the financial report. All directors voted aye and **motion carried**. Project report for the current improvement project was reviewed.
- **CD due 12-11-24** – Project local funding requirements through May, 2025 were reviewed. Motion by Black, seconded by Abrahamson authorizing the President and Herda to renew the CD at the best rate. All directors voted aye and **motion carried**.

**Membership termination**

- Ray Belford – tract near Weed Sub, 12-153-65 - nonpayment

Motion by Hovendick, seconded by Becker to approve the membership termination and eliminate the balance. All directors voted aye and **motion carried**.

Next regular board meeting will be held January 9, 2025.

There being no further business, the meeting adjourned by motion at 9:35 am.

Minutes Approved: \_\_\_\_\_

Doug Mohr, President \_\_\_\_\_

Sally Herda, Office Manager \_\_\_\_\_