

**State Water Commission Pre-Commission Meeting  
Bank of North Dakota  
1200 Memorial Highway, Bismarck, ND 58504  
Wednesday, September 17, 2025 – 1:00 PM CT  
**A QUORUM OF THE COMMISSION MAY BE PRESENT****

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Video ID: 116 821 625 3

**AGENDA**

- 1:00 – 1:03     A. Roll Call/Pledge of Allegiance
- 1:03 – 1:15     B. SWC Secretary Update ([Reice Haase](#))([no attachment](#))
- 1:15 – 1:25     C. Conflicts of Interest Reporting Process ([Abby Ebach](#))([no attachment](#))
- 1:25 – 1:30     D. Southwest Pipeline Project (SWPP) ([Justin Froseth](#))  
1. Funding Allocation for Contract 7-2B – Hydraulic Upgrades in the New England Service Area  
[\(no attachment\)](#)
- 1:30 – 1:40     E. Four-Year Progress Reports ([Abigail Franklund/Julie Prescott](#))  
1. WAWSA – Phase 6 Projects  
2. Upper Sheyenne River Joint Water Resource District – Watershed Pilot Project
- 1:40 – 1:55     F. Water Supply (Municipal/Rural) ([Julie Prescott](#))
- |                            |                                       |           |    |
|----------------------------|---------------------------------------|-----------|----|
| 1. City of McVille         | Water Treatment Plant Rehabilitation  | \$111,600 | PC |
| 2. Northeast RWD           | User and Facility Expansion           | \$473,989 | PC |
| 3. Walsh Rural Water Dist. | Walsh County Water Supply             | \$939,000 | PC |
| 4. City of Medora          | Pacific Avenue Water Main Replacement | \$575,637 | C  |
- 1:55 – 2:00     G. Water Supply (Rural) ([Julie Prescott](#))
- |         |   |              |   |
|---------|---|--------------|---|
| 1. GDCD | Red River Valley Water Supply Project 25-27 | \$55,000,000 | L |
| 2. GDCD | Red River Valley Water Supply Project 25-27 | \$18,330,000 | O |
- H. Adjourn

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

**Water Supply - Sponsors Requesting Cost-share Agreement Extensions**

**October 9, 2025, State Water Commission Meeting**

Sponsor	Project	Cost-Share Approval Dates	Date of Last Extension Approved	Extension Period Approved	Cost-Share	Remaining Balance
Western Area Water Supply Authority	Phase 6 - WTP	6/19/19	-	-	\$3,000,000	\$96,890.24
	Phase 6 – all other projects	6/19/19 10/8/20 2/11/21 4/8/21 6/9/21 10/13/22	-	-	\$2,476,000 \$9,003,400 \$6,989,500 \$595,100 \$8,225,000 (\$6,253,962)	\$0



August 22, 2025

Mr. Reice Haase, Director  
North Dakota Department of Water Resources  
1200 Memorial Highway, Dept 770  
Bismarck, ND 58504

**Re: Western Area Water Supply Authority (WAWSA)  
Phase 6 Projects  
Extension of Agreement Request**

Dear Mr. Hasse:

Western Area Water Supply Authority is requesting an extension to the Phase 6 Project Agreement to December 31, 2026. Of the \$24,035,038.00 in funding provided to WAWSA for Phase 6, WAWSA has expended \$23,937,386.00 or 99.6% of the funding. Of the multiple projects under Phase 6, the preconstruction phase of Williston Regional Water Treatment Plant Expansion from 21 million gallons per day (MGD) to 35MGD and the warranty phase of the NWRWD 29-Mile Rural Distribution project remain active.

Williston Regional Water Treatment Plant Expansion Project

Although full design of the expansion was reached in Q2 of 2022, the project did not move into the bidding phase due to request for construction funding being part of the 23-25 funding biennium and the discovery of issues with the water treatment plant's Missouri River intake piping in Q3 of 2023. In Q2 of 2024 WAWSA contracted with a CMAR to further investigate the plant's intake piping and recommend alternatives to remediate any issues found. The CMAR completed their work and delivered their report in Q1 of 2025. A separate project has been approved for preconstruction design phase of the water treatment plant's intake remediation, but WAWSA is requesting an extension to the Phase 6 Project funds. These funds will continue to be used to coordinate which planned upgrades to the raw water pump station and pretreatment processes that were designed as part of the water treatment plant 21MGD to 35MGD expansion are best suited to be addressed as part of the intake remediation project while keeping constructability and feasibility in mind.

NWRWD 29-Mile Rural Distribution Project

The 29-Mile project is currently in the one-year warranty phase with an end date of December 1, 2025. The project recently incurred a warranty claim, and invoices are being prepared to be sent as a reimbursement request. This project is scheduled for full closeout by the end of December 2025.

**Mr. Reice Hasse**

**Re: WAWSA Phase 6 Projects Extension of Agreement Request**

**Date: August 22, 2025**

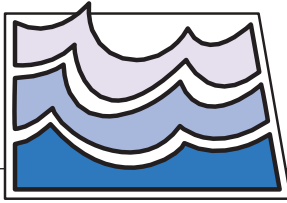
Thank you very much for your assistance with this important project for northwest North Dakota. If you have any questions, please do not hesitate to contact me at 701-774-6605.

Respectfully submitted,



Chris Barke, Executive Director  
WAWSA





# North Dakota State Water Commission

900 EAST BOULEVARD AVENUE, DEPT 770 • BISMARCK, NORTH DAKOTA 58505-0850  
(701) 328-2750 • TTY 1-800-366-6888 or 711 • FAX (701) 328-3696 • <http://swc.nd.gov>

## MEMORANDUM

**TO:** Governor Doug Burgum  
Members of the State Water Commission  
**FROM:** Garland Erbele, P.E., Chief Engineer–Secretary  
**SUBJECT:** State Cost-Share – Water Supply Regional –  
Western Area Water Supply Project - Phase VI Preconstruction  
**DATE:** May 30, 2019

The Western Area Water Supply Authority (WAWSA) is requesting cost-share on pre-construction cost for Phase VI projects. The projects are listed in the attached request letter which includes a table titled “Summary of WAWSA Phase VI Projects for SWC Approval”. The projects add transmission and distribution pipeline within the region including rural water systems. The local rural water systems will cover the local share of the project costs.

**R&TWSCA East White Earth Rural Distribution Alternates** – The project is a continuation of the WAWSA R&T White Earth Distribution Project to serve areas where water resources are limited and generally poor quality. This is a rural water service expansion in central Mountrail County east of the White Earth River Valley. This project will continue service to approximately 85 new rural users through 67 miles of pipeline. Estimated total cost is \$6,000,000. WAWSA is requesting 75 percent cost-share of \$297,000 for pre-construction costs.

**R&TWSCA West White Earth Rural Distribution Alternates** – The project is a continuation of the WAWSA R&T White Earth Distribution Project to serve areas where water resources are limited and generally poor quality. This is a rural water service expansion in western Mountrail County and eastern Williams County west of the White Earth River Valley. This project will expand services to approximately 40 new rural users through 32 miles of pipeline. Estimated total cost is \$3,000,000. WAWSA is requesting 75 percent cost-share of \$150,000 for pre-construction costs.

**R&TWSCA Service to Powers Lake** – This project will add approximately 15 new rural users and provide water demands to the City of Powers Lake (pop. 400) through 33 miles of pipeline. Estimated total cost is \$5,000,000. WAWSA is requesting 75 percent cost-share of \$241,000 for pre-construction costs.

**R&TWSCA Service to Stanley Phase II** – The transmission main project is to expand capacity to the city of Stanley (pop. 2,645) and for the rural area. This project will add approximately 17 miles of a 20-inch transmission line between the R&TWSCA Tioga High Point and Ross High Point reservoirs to complete a phased transmission expansion to Stanley. Estimated total cost is \$12,000,000. WAWSA is requesting 75 percent cost-share of \$570,000 for pre-construction costs.

May 30, 2019

**Stanley Rural Distribution Part 2** – This is rural water service for south-central Mountrail County where water resources are limited and of poor quality. This project will bring service to approximately 80 new rural users through 49 miles of pipeline. Estimated total cost is \$5,000,000. WAWSA is requesting 75 percent cost-share of \$264,000 for pre-construction costs.

**MCWRD System I Expansion Part 2** – The project is construction of a system for providing water for farmers, ranchers and commercial and industrial developments in central McKenzie County south of Watford City, where there is limited and poor quality water. This project will bring service to approximately 110 new rural users through 60 miles of pipeline. Estimated total cost is \$7,000,000. WAWSA is requesting 75 percent cost-share of \$345,000 for pre-construction costs.

**NWRWD North 200k Rural Distribution** – The project is an expansion to serve areas where water resources are limited and generally poor quality. This is water service for rural customers in central Williams County northwest of Williston. This project will bring service to approximately 50 new rural users through 38 miles of pipeline. Estimated total cost is \$3,500,000. WAWSA is requesting 75 percent cost-share of \$172,500 for pre-construction costs.

**NWRWD 29 Mile Rural Distribution** – The project is water service for rural customers in northwest Williams County and south-central Divide County where water resources are limited and generally poor quality. This project will bring service to approximately 155 users through 80 miles of pipeline. Estimated total cost is \$8,500,000. WAWSA is requesting cost-share of \$436,500 for pre-construction costs.

**Williston Water Treatment Plant Expansion** – The project is a continuation of the Williston water treatment plant expansions that addresses continued growth and water demands. This project is the design to increase plant capacity from 21 to 35 millions gallons per day and to increase raw water intake capacity from 21 to 50 millions gallons per day. Estimated cost is \$5,000,000. WAWSA is requesting 75 percent cost-share of \$3,000,000 for pre-construction costs.

**I recommend the State Water Commission approve cost-share of \$5,476,000, funded at 75 percent, for the Western Area Water Supply Phase VI Project. The approval is contingent on available funding provided to the State Water Commission in the 2019-2021 biennium.**

GE:JM:/1973

Attachment

**Flood Control Summary of Sponsors Requesting Cost-share Agreement  
 Extensions**

**For October 9, 2025, State Water Commission Meeting**

Sponsor	Project	Cost-Share Approval Dates	Date of Last Extension Approved	Extension Period Approved	Approved Cost-Share	Remaining Balance
Upper Sheyenne River Joint Water Resource District	Upper Sheyenne River Watershed Pilot Project	8/27/2021	-	-	\$1,100,000	\$400,256.84

## Upper Sheyenne River Joint Water Resource Board

P.O. Box 231  
Finley, North Dakota 58230

Tasha Krueger, Manager  
Phone: 701 524 1105  
Cell: 701 653 5094  
Email: [USJWRD@hotmail.com](mailto:USJWRD@hotmail.com)

Providing a coordinated and cooperative approach to  
planning and implementing a comprehensive water  
management program in the Upper Sheyenne Watershed

Date: August 18, 2025

Reice Haase  
Director,  
North Dakota Department of Water Resources,  
1200 Memorial Highway,  
Bismarck, ND 58504-5262

**Subject:** Upper Sheyenne River Watershed Pilot Project - SWC Project Number PS/WRD/UPP

Dear Director Haas,

The Upper Sheyenne River Joint Water Resource Board (Joint Board) had applied for cost-share assistance from the ND State Water Commission (Commission) for Upper Sheyenne River Watershed Pilot Project on mainstem Sheyenne River (Project). The Commission approved cost share application under SWC Project Number PS/WRD/UPP (August 12, 2021). Under SWC Project Number PS/WRD/UPP, the Commission will sponsor the Project with funding, not to exceed \$1,100,000.

The Joint Board has completed construction at two (2) pilot project sites in Nelson County while completing final design and permitting at three (2) additional sites located in Eddy and Sheridan Counties respectively. Additionally, we are currently working with the USDA NRCS under the Regional Conservation Partnership Program (RCPP) Grant on preliminary evaluation at 3 additional pilot project sites located in Eddy County. The Joint Board is grateful for the support from the Commission as well as from the ND Department of Water Resources staff throughout the process. The Project can serve as a benchmark for successful collaboration between local, state, and federal partners to restore and improve river connectivity and provide complementary benefits.

With this letter, we would like to respectfully request to extend the duration SWC Project Number PS/WRD/UPP by up to 4 years till August 2029.

If you have any questions, please contact me.

Sincerely,

  
Tasha Krueger, Manager

### County Members

Barnes County WRD	Benson County WRD	Eddy County WRD	Nelson County WRD
Pierce County WRD	Sheridan County WRD	Steele County WRD	Stutsman County WRD

## Upper Sheyenne River Joint Water Resource Board

P.O. Box 231  
Finley, North Dakota 58230

Tasha Krueger, Manager

Phone: 701 524 1105

Cell: 701 653 5094

Email: [USJWRD@hotmail.com](mailto:USJWRD@hotmail.com)

Providing a coordinated and cooperative approach to  
planning and implementing a comprehensive water  
management program in the Upper Sheyenne Watershed

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### Upper Sheyenne River Watershed Pilot Project – Progress Report

#### Executive Summary

The Upper Sheyenne River Joint Water Resource Board (Joint Board) has been working collaboratively with multiple partners since 2018 towards improving river connectivity, bank stability, floodplain connectivity, and water quality along the mainstem Upper Sheyenne River between headwaters near McClusky, ND (Sheridan County) to Lake Ashtabula (Barnes County). The efforts first began through a comprehensive [Erosion and Sedimentation Risk Assessment of the Upper Sheyenne River](#) (Study). The Study identified various areas of improvement along the study reach due to changes to the basin hydrology, land cover, landuse and vegetation management. Seven (7) pilot project sites for implementation across the watershed. The Joint Board collaborated with multiple key partners such as the ND Department of Water Resources (DWR), US Fish & Wildlife Services, Environmental Protection Agency (EPA), Garrison Diversion Conservancy District (GDCCD), and the US Department of Agriculture (USDA) Natural Resource Conservation Services (NRCS) Regional Conservation Partnership Program (RCPP) Grant to secure funding support for project implementation. Four (4) sites have been completed with 100% bid-ready design, including necessary permits. Two (2) out of the four (4) sites have been completed with construction and implementation – both located in Pekin Township in Nelson County. Three (3) sites – all located in Eddy County – are currently being developed into preliminary engineering package and expected to be constructed during winter 2027.

#### County Members

Barnes County WRD	Benson County WRD	Eddy County WRD	Nelson County WRD
Pierce County WRD	Sheridan County WRD	Steele County WRD	Stutsman County WRD

## Status of Pilot Projects

The Joint Board identified seven (7) pilot project sites from the Study outcome (2019). The details of these sites are listed below in **Table 1** and locations are shown on Figure 1.

**Table 1. Project Description**

Site Number	County	Description	Primary Concern
1	Eddy	Long eroding bend with vertical bank 7' tall, migrating towards County Road 1	Public Infrastructure
2	Eddy	Two long eroding bends with 7' vertical banks, approaching private farmstead	Private Infrastructure
3	Eddy	Low concrete road crossing over river with multiple culverts, bank erosion upstream and downstream	Public Infrastructure
Site L	Eddy	Long eroding bends with 7' vertical banks, approaching private farmstead	Private Infrastructure
5	Nelson	Long eroding bank with 5' tall steep bank	Water Quality
10	Nelson	Long eroding bank with 5' tall steep bank	Water Quality and Biota Movement
Alt A	Sheridan	Eroded culvert at road crossing with downstream erosion	Water Quality and Biota Movement

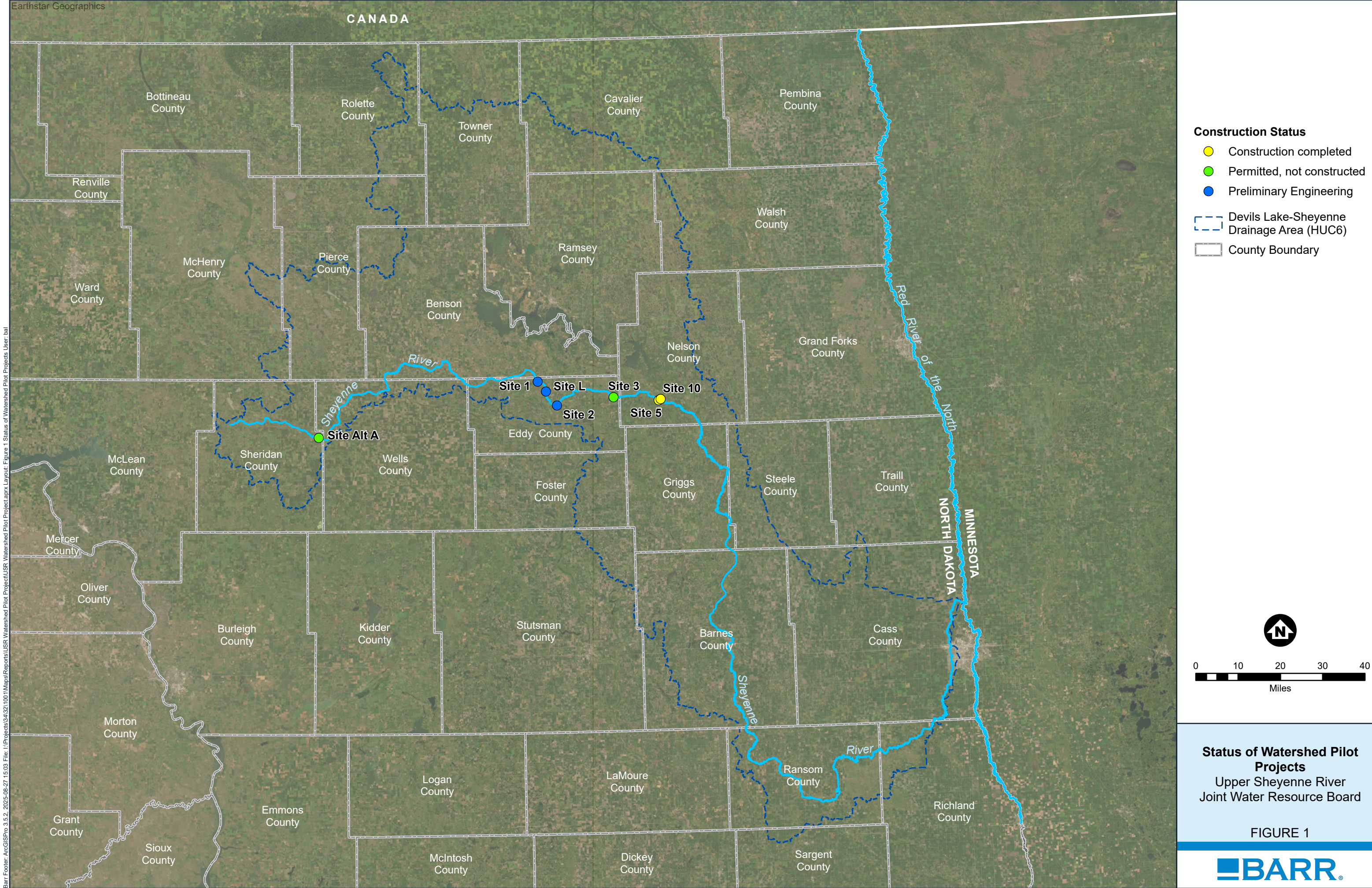
This section outlines the status of pilot project site identified in **Table 1**.

**Site 1** – The Joint Board is currently developing a preliminary engineering design for this site – up to three alternatives will be developed at 10% design level. Since Site 1 is being developed by utilizing RCPP funds, the design must follow engineering and technical guidelines specified by the NRCS. The preliminary design is expected to be completed in December 2025. Once preliminary design is completed and reviewed by the NRCS staff, the landowners will have an opportunity to review and provide comments on the preferred alternative. The preferred alternative will be advanced to 30% design and then to 60% design. Permit applications will be submitted at 60% design completion. Landowner (access and construction) easements will be secured prior to construction. Project will be tentatively issued to bid by December 2026 with an anticipated winter 2027 construction timeframe, depending upon factors such as snow cover, freeze depth and contractor availability.

**Site 2** – The Joint Board is currently developing a preliminary engineering design for this site – up to three alternatives will be developed at 10% design level. Since Site 2 is being developed by utilizing RCPP funds, the design must follow engineering and technical guidelines specified by the NRCS. The preliminary design is expected to be completed in December 2025. Once preliminary

County Members  
Barnes County WRD   Benson County WRD   Eddy County WRD   Nelson County WRD  
Pierce County WRD   Sheridan County WRD   Steele County WRD   Stutsman County WRD







design is completed and reviewed by the NRCS staff, the landowners will have an opportunity to review and provide comments on the preferred alternative. The preferred alternative will be advanced to 30% design and then to 60% design. Permit applications will be submitted at 60% design completion. Landowner (access and construction) easements will be secured prior to construction. Project will be tentatively issued to bid by December 2026 with an anticipated winter 2027 construction timeframe, depending upon factors such as snow cover, freeze depth and contractor availability.

**Site 3** – This site, located in Eddy County, has been permitted and has issued for construction (IFC) package ready since February 2024. The IFC package was issued to bid for construction with an anticipated construction date of May 2024. The Joint Board received competitive bids from 3 qualified contractors. However, the area landowners raised concerns about losing access after removal of the existing low-flow crossing. Furthermore, replacing the existing low-flow crossing to meet State Stream Crossing Standards (N.D.A.C. § 89-14-01) would increase the project cost substantially. As such, the Joint Board decided not to proceed with construction at Site 3 in 2024. The Joint Board tabled the bids received for Site 3.

**Site Alt A** – This site, located in Sheridan County, has been permitted and has issued for construction (IFC) package ready since February 2024. The IFC package was issued to bid for construction with an anticipated construction date of May 2024. The Joint Board received competitive bids from 3 qualified contractors. However, the North Dakota Game and Fish (NDGF) Department staff decided at the last minute that they were in favor of preserving access through existing old, undersized culvert crossing. Furthermore, replacing the existing low-flow crossing to meet State Stream Crossing Standards (N.D.A.C. § 89-14-01) would increase the project cost substantially. The proposed financial support offered by NDGF towards the project (\$50,000) was inadequate to upsize the culvert to meet the State Stream Crossing Standards. As such, the Joint Board decided not to proceed with construction at Site 3 in 2024. The Joint Board tabled the bids received for Site Alt D. The Joint Board did not accept financial contribution from NDGF.

**Site 5** – This site located within Section 34 Township 150 Range 060 and Section 03 Township 149 Range 060 in Pekin Township in Nelson County, ND was constructed in May 2024. The construction activities took approximately 3 weeks for completion. Project included bank stabilization, cattle fencing, wetland restoration and re-establishment of a wetland habitat and native prairie vegetation adjacent the river. Appendix A shows pictures of completed construction at Site 5.

**Site 10** – This site located within Section 34 Township 150 Range 060 in Pekin Township in Nelson County, ND was constructed in May 2025. The construction activities took approximately 3 weeks for completion. Project included reshaping the center of the channel to remove an in-stream rock dike and sediment island, grading and stabilizing the banks with the addition of toe wood, install live stakes, add cattle fencing, and establishing prairie vegetation. Vegetation establishment included initial stabilization with annual grasses and long-term establishment of perennial native grasses. The seed mixes were selected using species lists from similar riparian

County Members

Barnes County WRD	Benson County WRD	Eddy County WRD	Nelson County WRD
Pierce County WRD	Sheridan County WRD	Steele County WRD	Stutsman County WRD



revegetation projects in North Dakota. Appendix A shows pictures of completed construction at Site 10.

**Site L** – The Joint Board is currently developing a preliminary engineering design for this site – up to three alternatives will be developed at 10% design level. Since Site L is being developed by utilizing RCPP funds, the design must follow engineering and technical guidelines specified by the NRCS. The preliminary design is expected to be completed in December 2025. Once preliminary design is completed and reviewed by the NRCS staff, the landowners will have an opportunity to review and provide comments on the preferred alternative. The preferred alternative will be advanced to 30% design and then to 60% design. Permit applications will be submitted at 60% design completion. Landowner (access and construction) easements will be secured prior to construction. Project will be tentatively issued to bid by December 2026 with an anticipated winter 2027 construction timeframe, depending upon factors such as snow cover, freeze depth and contractor availability.

### SWC Funding Utilization

The DWR funding for the Project was initially approved by the State legislature through HB 2020 for total of \$1,100,000. Up to \$1,000,000 eligible for planning and engineering activities and up to \$100,000 eligible for administration.

Since the execution of Cost Share Agreement, the Joint Board has utilized \$699,743.16 towards following tasks:

1. Project Engineering and Project Design
  - a. Selection and evaluation of various engineering alternatives
  - b. Hydraulic modeling
  - c. Topographic survey data collection
  - d. Design of alternatives – 30%, 60%, 90% and 100% (bid-ready) packages
  - e. Permitting
    - i. Drainage Permit Application
    - ii. Sovereign Lands Permit Application
    - iii. USACE Section 404 Permit Application
      - This task also includes cultural resource survey related field work
      - This task also includes wetland delineation related field work
      - This task also includes State Historical Preservation Office concurrence and associated correspondence with tribal partners
  - f. Project cost estimation
  - g. Construction Drawings and Bid Documentation
    - i. Developing 100% issued for construction (IFC) drawings
    - ii. Developing project specifications
    - iii. Issue bid-ready project for advertisement
    - iv. Pre-bid meeting with contractors (Contractor Q&A)

#### County Members

Barnes County WRD	Benson County WRD	Eddy County WRD	Nelson County WRD
Pierce County WRD	Sheridan County WRD	Steele County WRD	Stutsman County WRD

- v. Review qualified bids and make recommendations for contractor selection based on bidder qualifications
- h. Project Management and Project Controls
- i. Meetings and Communication
  - i. Between engineering team
  - ii. Between Joint Board and other project partners
  - iii. With regulatory agencies

It should be noted that the DWR cost share funds have not been utilized for construction activities on the Project. It should also be noted that the Joint Board did not invest any DWR funds or otherwise to purchase easements necessary for construction and implementation of the projects. Landowners have been a key partner in project implementation and have been supportive of the Joint Board's efforts, and as such have granted easements unconditionally as necessary for the project.

County Members

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Pierce County WRD	Sheridan County WRD	Steele County WRD	Stutsman County WRD

## Other Funding Sources

As noted above, the Joint Board partnered with multiple agencies to support implementation of the pilot project. Besides the DWR, these agencies and their funding contribution is listed below in Table 2.

**Table 2. List of Other Funding Sources**

Agency/Program	Funds Awarded	Funds Utilized	Status
US Fish & Wildlife Services	\$93,437	\$93,457	Funds used towards construction activities and contractor pay application.
US EPA 319 Grant	\$384,248	\$159,157.60	Funds used towards construction activities and contractor pay application. De-obligated remaining balance due to maximum contract extension to be over <sup>1</sup>
Garrison Diversion Conservancy District	\$150,000	\$83,000	Funds used towards construction activities and contractor pay application. Remaining funds will be utilized towards future construction activities.
USDA NRCS RCPP	\$2,234,248	-	The RCPP funds will be primarily used for engineering, design, permitting, and construction of three sites being developed.

Once the Joint Board completes 60% design on three (3) sites under development, we also plan to determine a viability to apply for North Dakota Outdoor Heritage Fund (NDOHF) Grant to support project construction. The Joint Board will decide on this at a later date once the design is completed, there is a realistic path forward on expected construction expenditure, and available funds.

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<sup>1</sup> The Joint Board is planning to reapply for EPA 319 Grant to support construction activities associated with 3 sites being currently developed. The application will be submitted before October 31, 2025 for consideration during the federal fiscal year starting October 1, 2026.

County Members

Barnes County WRD    Benson County WRD    Eddy County WRD    Nelson County WRD  
Pierce County WRD    Sheridan County WRD    Steele County WRD    Stutsman County WRD

## Appendix A

### Construction and Post Construction Photos

## Site 5



Construction Kick Off



Bank Grading





Restored wetland with native prairie vegetation in bloom along with cattle fencing



## Site 10



Graded bank with installed toe wood along with cattle fencing






Installed tow wood with graded banks and bio logs along with cattle fencing on either side of the bank



Commission Date : 8/12/21  
Commission Action : Approved (cfitzgerald)

Approved costs related to development of project not to exceed \$100,000 and implementation-related costs to to exceed \$1,000,000 for total not to exceed \$1,100,000.

**MEMORANDUM**

**TO:** Governor Doug Burgum  
Members of the State Water Commission  
**FROM:** John Paczkowski, P.E., Interim Chief Engineer/Secretary   
**SUBJECT:** NDSWC Cost-Share Request – Upper Sheyenne River Joint WRD  
Upper Sheyenne Watershed Pilot Project  
**DATE:** August 12, 2021

The Upper Sheyenne River Joint Water Resource District (Sponsor) is requesting cost-share for its Upper Sheyenne River Watershed Pilot Project (Project). The Project consists of seven individual bank stabilization projects within the Upper Sheyenne River watershed in Eddy, Nelson, and Griggs Counties.

House Bill 1020, as adopted by the 2021 Legislature, authorizes up to \$100,000 to reimburse water resource districts for costs incurred in the development of a basinwide water plan identifying water conveyance, flood control, and other water projects to be undertaken in the basin, and up to \$1,000,000 for implementation of the plan. The Bill further indicates these funds are not subject to Commission cost-share policy.

The Sponsor requests that Barr Engineering's 2019 *Upper Sheyenne River Corridor Erosion and Sedimentation Risk Assessment* study report be considered equivalent to the required basinwide plan for the purpose of grant eligibility. The Project will be bid in February 2023, and construction work is expected to begin April 2023.

The economic analysis performed for the Project returned a benefit-to-cost ratio of 0.831.

The total cost of the Project is \$3,868,093, of which \$2,698,093 is the total expected federal contribution. The Sponsor is requesting cost-share from the Commission in the amount of \$1,100,000.

**I recommend approving this request by the Upper Sheyenne River Joint Water Resource District for reimbursement of costs related to development of the Project, not to exceed \$100,000, and for implementation-related costs not to exceed \$1,000,000, for a total of not more than \$1,100,000. Reimbursements will not be subject to matching fund requirements or cost-share policy per Section 9 of House Bill 1020.**

JP;jsp/PS/WRD/UPP

cover letter included in 2021 cost-share application

**Upper Sheyenne River Joint  
Water Resource Board**

P.O. Box 446  
Lakota, North Dakota 58344-0446

Phone: 701 247-2682  
Fax: 701 247-2692  
E-mail: [candy.dawn@live.com](mailto:candy.dawn@live.com)

*Providing a coordinated and cooperative approach to planning and  
implementing a comprehensive water management program in the  
Upper Sheyenne Watershed*

June 15, 2021

John Paczkowski, PE  
Interim State Engineer  
900 E Boulevard Ave  
Bismarck, ND 58505

RE: SWC Cost Share Request for Upper Sheyenne River Watershed Pilot Project

Dear Mr. Paczkowski:

House Bill 2020 (HB 2020) as adopted by the 2021 Legislature authorized a \$1,100,000 grant for basinwide implementation of a watershed pilot project program. Up to \$100,000 may be provided as a grant to reimburse water resource districts for costs incurred in the development of a basinwide water plan, and up to \$1,000,000 may be used to provide grants for the pilot project authorized in this section, for the period beginning with effective date of this Act and ending June 30, 2023.

This letter is to request State Water Commission (SWC) approval of a pilot project grant for a comprehensive, basin-wide approach involving specific projects in accordance with Section 9 of HB 2020.

Water resource districts are typically formed along county lines, but N.D.C.C. 5 61-16.1-11 authorizes two or more water resource districts to enter into a cooperative agreement to jointly manage waters that flow across political boundaries. The goal of this pilot project grant is to incentivize cooperation between water resource districts, and to identify potential improvements for managing water resources on a watershed basis. We believe our request is an innovative approach to implement the pilot project.

The Upper Sheyenne Joint Water Resource Board (Joint Board) consists of member water resource districts from Steele, Barnes, Nelson, Griggs, Sheridan, Pierce, Stutsman, Benson, and Eddy Counties. It is comprised of one representative, selected by each member county from nine of the eleven county water resource districts that comprise the basin. The Joint Board's mandate is "Providing a coordinated and cooperative approach to planning and implementing a comprehensive water management program in the Upper Sheyenne Watershed."

County Members

Barnes County WRD   Benson County WRD   Eddy County WRD   Griggs County WRD   Nelson County WRD  
Pierce County WRD   Sheridan County WRD   Steele County WRD   Stutsman County WRD



The challenges faced within the Upper Sheyenne River Basin are consistent with riverine flooding, and pose significant risk to regional infrastructure, private property including farmland, and downstream water quality. In order to address those challenges, the Joint Board developed the Upper Sheyenne River Corridor Erosion and Sedimentation Risk Assessment Report (Assessment Report) in 2019. This Assessment Report was funded by North Dakota Division of Environmental Quality (NDDEQ) in partnership with a U.S. Environmental Protection Agency Section 319 Non-Point Source and Clean Water Act Section 604 (b) Grant for Water Quality Planning. The intent of the Assessment Report was to identify potential erosion, sedimentation, and floodplain connectivity issues; identify changes that have occurred in the last two decades; and identify and prioritize reaches of the river for further evaluation, riparian management, or future restoration work. The full Assessment Report and its appendices may be found at the Upper Sheyenne Joint Board's website: <https://uppersheyennejointboard.weebly.com> under the "Important Documents" tab. An executive summary from the erosion and sedimentation study is attached for your convenience.

The Upper Sheyenne River Water Management Plan (Management Plan), which was developed by the Joint Board in coordination with the SWC, may be found in the same location on the Joint Board's website. The stated purpose of the Management Plan is to "define water management issues, to organize and prioritize project needs, to state objectives, and to provide strategies designed to manage the Upper Sheyenne River basin in a manner that best meets the needs of all parties." While the Management Plan also serves as a tool for basin-wide water resource management, this application specifically seeks approval of the Assessment Report as a qualifying basin-wide plan under the pilot grant program.

During the development of the Assessment Report, the Upper Sheyenne Joint Board identified 18 sites along the Sheyenne River which would benefit from rehabilitation and restoration work. Of those 18 sites, the Joint Board identified seven potential project sites located within Eddy, Nelson, and Griggs Counties as the sites with the highest priority, as set forth in a Project Prioritization Memo, dated October 30, 2019, which may also be found on the Joint Board's website under the "Important Documents" tab. The sites were selected based on significant bank erosion, bank movement, sediment transport, and accompanying impacts to public infrastructure, private property, and downstream water quality.

The Joint Board accordingly submits this request for \$1,100,000 from the State Water Commission to implement components of its Assessment Report, and for the State Water Commission to adopt the Assessment Report as a qualifying basin-wide plan under the pilot project grant program. The Joint Board has experience managing large-scale projects and studies, which makes it a prime candidate for the HB 2020 pilot project.

Section 9 of HB2020 states that, *"These funds are not subject to state water commission cost-share policies". Legislation passed by the North Dakota Legislature in 2017 created NDCC 61-03-21.4 - requiring the State Engineer to: "develop an economic analysis process for water conveyance projects and flood-related projects expected to cost more than one million dollars, and a life cycle analysis process for municipal water supply projects. When the State Water Commission is considering whether to fund a water conveyance project, flood-related project, or water supply project, the State Engineer shall review the economic analysis or life cycle analysis, and inform the State Water Commission of the findings from the analysis and review."*

County Members

Barnes County WRD   Benson County WRD   Eddy County WRD   Griggs County WRD   Nelson County WRD  
Pierce County WRD   Sheridan County WRD   Steele County WRD   Stutsman County WRD



*On December 6, 2019, the Commission adopted policy requiring EAs on all flood control and water conveyance projects requesting cost-share, that have a total project cost of \$200,000 or more. By taking this policy into account, the Joint Board developed EA to accompany the cost share application for the pilot project grant.*

As a legislatively authorized pilot project intended to incentivize increased collaboration and cooperation among stakeholders within a watershed basin, the Joint Board should be exempt from SWC Project Funding Policy, Procedure, and General Requirements. Please consider the following proposal of the Joint Board for pilot project grant funding under Section 9 of HB 2020, subject to a negotiated agreement with the State Water Commission:

- o Using the grant, the Joint Board will serve as the local agent for all identified priority projects and it will work to utilize pilot project grant funds for the projects identified in the Assessment Report within two years.
- o The Joint Board will serve as the grant fund manager to administer flexible options for implementation of the priority projects within the basin-wide plan, outside of traditional SWC cost-share policies. The Joint Board will work for local consensus to accomplish projects that benefit the watershed.
- o The Joint Board will consider obligations of the state and each water resource district in the basin in implementing the plan and strive for a broad project reach within the watershed by leveraging a combination of in-kind, local and federal funds to extend the state grant investment.
- o In order to provide the Joint Board as project sponsor with flexibility in funding, the implementation match may be funded by: local assessments, water resource district or joint water resource district mill levies, other state or local grants or partnerships, and in-kind support.
- o Because design engineering is performed to further the "implementation of the basinwide plan" as required by House Bill 2020, design engineering is an eligible project cost.
- o Because this pilot project requires extensive coordination, communication, and administration between stakeholders in the Upper Sheyenne River basin, up to \$100,000 of the grant may be used for administration, management, travel, legal, and meetings that are necessary for coordination and communication directly related to development and implementation of the basin-wide water plan.

County Members

Barnes County WRD   Benson County WRD   Eddy County WRD   Griggs County WRD   Nelson County WRD  
Pierce County WRD   Sheridan County WRD   Steele County WRD   Stutsman County WRD

I look forward to meeting with you to discuss this proposal in more detail. I can be contacted by email at [benvarnson@yahoo.com](mailto:benvarnson@yahoo.com) and by phone at (701) 270-0732.

Sincerely,



Ben Varnson  
Manager  
Upper Sheyenne Joint Board

Attachments

cc: Rep. Jim Schmidt, Chairman of Water Topics Overview Committee  
Dick Johnson, State Water Commission Vice-Chair

County Members

Barnes County WRD Benson County WRD Eddy County WRD Griggs County WRD Nelson County WRD  
Pierce County WRD Sheridan County WRD Steele County WRD Stutsman County WRD

## Upper Sheyenne River Corridor

### *Erosion and Sedimentation Risk Assessment*

Prepared for  
Upper Sheyenne River Joint Water Resource Board

February 2019





# **Upper Sheyenne River Corridor**

## ***Erosion and Sedimentation Risk Assessment***

Prepared for  
Upper Sheyenne River Joint Water Resource Board

February 2019

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## Executive Summary

The Upper Sheyenne River Joint Water Resource Board engaged Barr Engineering Co. (Barr) to conduct an erosion and sedimentation risk assessment of the Upper Sheyenne River riparian corridor, from the headwaters in Sheridan County to Lake Ashtabula. The intent of the assessment was to identify potential erosion, sedimentation, and floodplain connectivity issues; identify changes that have occurred in the last two decades; and identify and prioritize reaches of the river for further evaluation, riparian management, or future restoration work.

To accomplish these goals:

1. Barr conducted a review of the available background data to subdivide the Upper Sheyenne River into reaches with similar characteristics and identify key areas for further evaluation.
2. The Upper Sheyenne River Joint Water Resource Board held public meetings in the cities of Cooperstown, Sheyenne, McClusky, and Harvey to present preliminary observations to the community and receive feedback on candidate locations for collection of field data (i.e., channel dimensions and bank stability).
3. Barr collected field data at 15 locations along the Upper Sheyenne River to characterize typical channel dimensions and bank stability, comparing this information to past surveys.
4. Barr analyzed the background and field data and conducted a risk assessment of erosion and sedimentation potential along the Upper Sheyenne River.

These activities yielded the following information:

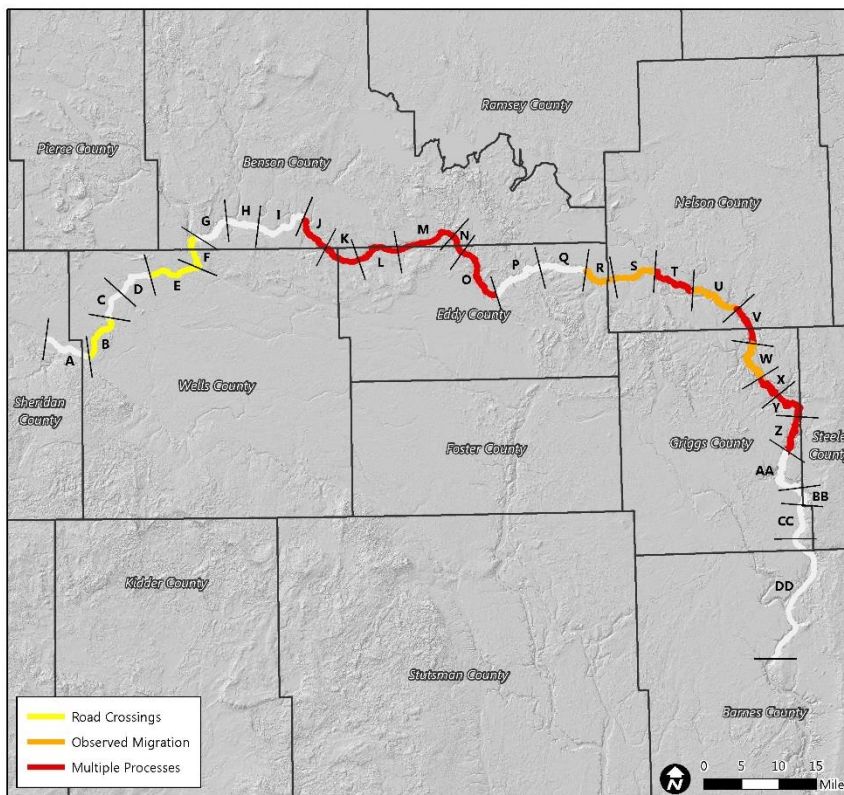
- **River and flow characteristics:** The Upper Sheyenne River flows through a broad valley carved by glacial meltwater, with relatively consistent soils and land use along the length of the river. Based on an evaluation of historic gage data, the distribution of peak flows in the river is consistent between recent years and historic data stretching back to the 1940s. However, in recent years, there has been a significant increase in the duration of moderate flow in the downstream two-thirds of the study area (i.e., flows that previously lasted a month or two now extend for approximately 50 percent of the year).
- **Erosion and sedimentation identification:** Cross-section surveys and field-stability assessments at 15 locations (both stable and unstable) revealed that some locations had bank shifts of 10 feet or more since a previous study in 2001. It was also found that there was no significant trend towards increase or decrease in river bed elevation. In addition, many of the survey locations in the downstream two-thirds of the study area had poor stability rankings, indicating ongoing channel instability and high potential for bank erosion.
- **Risk assessment and prioritization:** Barr's risk assessment examined the potential for future erosion and sedimentation due to a number of different processes that can cause channel



instability. In addition, to assess the relative frequency of channel migration in river reaches, Barr compared the river banks digitized from 2017 photography to aerial photography taken between 1995 and 1998. Based on these assessments, 18 out of the 30 river reaches are recommended for further study to address the causes of channel instability and/or migration (see Figure B).

Frequent instances of channel migration have been observed in most of these reaches; many are in the downstream two-thirds of the study area and affected by changes in the flow regime.

Further analysis will be needed to identify appropriate measures for addressing observed channel instability at specific locations (see Section 6 of this report). Potential applicable measures to improve channel stability include changes to riparian vegetation, changes to grazing practices, replacement of road crossing culverts, and targeted bank stabilization measures. Examples of conceptual stabilization measures are provided in Appendix E.



**Figure B** Reaches Recommended for Detailed Evaluation

## Memorandum

To: Ben Varnson, Manager, Upper Sheyenne River Joint Water Resource Board  
From: Barr Engineering Co.  
Subject: Project Prioritization for the Upper Sheyenne River Riparian Corridor  
Date: October 10, 2019  
Project: 34321001.01

The Upper Sheyenne River Joint Water Resource Board (Joint Board) has authorized Barr Engineering Co. (Barr) to assist with project prioritization for the Upper Sheyenne River Riparian Corridor in order to apply for grant funding for fiscal year 2020.

As a part of this effort, Barr identified seven potential project sites located within Eddy, Nelson, and Griggs Counties. The sites were selected based on the apparent existence of significant bank erosion and accompanying impacts to public infrastructure, private structures, and downstream water quality. Three of the sites had been previously visited by Barr staff in 2018 for the *Upper Sheyenne River Riparian Corridor Erosion and Sedimentation Risk Assessment* (the Study, February 2019). Barr staff visited all seven sites in September 2019 to document riparian corridor conditions, assess their consistency with the Study results, and develop potential project recommendations and planning-level cost estimates.

A summary of the sites visited for project prioritization is provided Table 1. Photos of each of the sites are attached in Appendix A.

Priority rankings for potential stabilization projects were assigned to each of the sites based on the following criteria: protection of public infrastructure, protection of actively-used private structures, and significant reductions in sediment loading that could improve downstream water quality. For each of the potential projects, a planning-level design and cost estimate was developed. The rankings and a description of the design concepts are provided in Table 2.

It should be noted that the planning-level budgetary cost estimates developed will need to be refined further as the project design advances further. With more clarity on critical path project attributes such as land ownership and easements, preferred project design and permitting, these costs may have a potential to reduce further.

Table 1 Project Prioritization Site Summary

Site Number	County	Description	Primary Concern	Assessed in 2018-2019 Study?
1	Eddy	Long eroding bend with vertical bank 7' tall, migrating towards County Road 1	Public infrastructure	Yes (#07), see Appendix E of Feb. 2019 Study
2	Eddy	Two long eroding bends with vertical banks 7' tall, approaching private farmstead	Private structures	Yes (#08)
3	Eddy	Low concrete road crossing over river with multiple culverts, bank erosion upstream and downstream	Public infrastructure	No
4	Nelson	Old bridge pilings, long eroding bend, recent meander cutoff	Water quality	No
5	Nelson	Long eroding banks with steep bank 5' tall	Water quality	No
6	Griggs	Two long eroding bends with steep banks 15' tall, approaching private farmstead	Private structures	No
7	Griggs	Multiple eroding banks with steep banks 5' to 10' tall, approaching private abandoned farm buildings	Private structures	Yes (#14), see Appendix E of Feb. 2019 Study

Table 2 Project Prioritization Site Summary

Site Number	County	Priority	Planning-Level Design Description	Planning-Level Cost Estimate
1	Eddy	High	See Appendix E of Erosion & Sedimentation report for concept design. Stabilize long bank with toe wood & significant grading to create bankfull bench. Add live stakes & native vegetation to downstream banks & above toe wood. Add log vanes on downstream bank to guide flows.	\$709,383
2	Eddy	High	Similar to Site #1, stabilize two long bends near farmstead with toe wood and bank grading. Grade in channel near downstream bend to realign flows entering the curve, add log vanes to guide flows. Live stakes & native vegetation above toe wood.	\$862,674
3	Eddy	High	Remove concrete road crossing & culverts, replace with ~150' long rock riffle or boulder arch vane. Grade banks to narrow channel around riffle. Stabilize downstream bend with live stakes & native vegetation.	\$682,835
4	Nelson	Low	River has cut off bend, low erosive pressure on high banks in the future. No work recommended at this time.	No Work Recommended
5	Nelson	Low - Moderate	Site is low priority but could be a good example of location where minimal bank grading & vegetation establishment could help minimize future erosion.	\$77,330
6	Griggs	High	Similar to Site #2, stabilize two long bends near farmstead with toe wood. Banks are very high, project will not grade banks back but will build out a bench at the toe with toe wood to reduce erosive pressure. Live stakes & native vegetation to be planted above toe wood.	\$751,193
7	Griggs	Moderate	See Appendix E of Erosion & Sedimentation report for concept design. Stabilize long bank with toe wood & significant grading to create bankfull bench. Add live stakes & native vegetation to upstream & downstream banks & above toe wood. Re-shape existing riffle to guide flows. Add log vane on downstream bank to guide flows.	\$784,678

1086312 - McVille Water Treatment Plant  
Rehabilitation

Application Details

<b>Funding Opportunity:</b>	<b>Initial Submit Date:</b>	Aug 25, 2025 12:43 PM
1085949-July 2025 - June 2026 Infrastructure Request	<b>Initially Submitted By:</b>	Chanda Arneson
<b>Funding Opportunity Due Date:</b>	<b>Last Submit Date:</b>	
Jun 30, 2026 3:00 PM	<b>Last Submitted By:</b>	
<b>Program Area:</b>		
Funding for Infrastructure in ND - FIND		
<b>Status:</b>		Submitted
<b>Stage:</b>		Final Application

Contact Information

Primary Contact Information

<b>Active User*:</b>	Yes
<b>Type:</b>	External User
<b>Name:</b>	Salutation Josh First Name
<b>Middle Name</b>	Wayt Last Name
<b>Title:</b>	Funding Specialist
<b>Email*:</b>	josh.wayt@mooreengineeringinc.com
<b>Address*:</b>	925 10th Ave E

Organization Information

<b>Status*:</b>	Approved
<b>Name*:</b>	City of McVille
<b>Organization Type*:</b>	Municipal Government
<b>Tax Id:</b>	
<b>Organization Website:</b>	
<b>Address*:</b>	PO Box 275

Suite 1

McVile North Dakota  
City State/ProvinceWest Fargo North Dakota  
City State/Province58254-\_\_\_\_  
Postal Code/Zip

58078

Postal Code/Zip

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

###-###-####

**Fax:** ###-###-####**Comments:****Phone\*:** (701) 322-4343 Ext.  
###-###-####**Fax:** ###-###-####**Vendor ID:****PeopleSoft  
Supplier ID:****Comments:****Location  
Code:**

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project Name\*:** McVile Water Treatment Plant Rehabilitation**Sponsor(s)\*:** City of McVile**County\*:** Nelson**City\*:** McVile**Description of Request\*:** New**Project Type:** Municipal Water Supply**If Project is a Study, What  
Type?:****If Project is Rural Water  
Supply or Municipal Water  
Supply, What is the Name of  
the Water Supply Source?:** McVile Aquifer**Jurisdictions/Stakeholders  
Involved\*:**

The City of McVile and its 392 residents as well as Tri County Water District and the 3,000 residents it

serves.

**Describe the Problem/Need  
and the Circumstances that  
Led to This Application\*:**

The City's Water Treatment Plant contains numerous components that are deteriorated and/or beyond their useful life. For example, the facility's meters are past their useful life. The valves, high service motors/pumps, underdrains, and other internals are 35+ years old. The piping, valves, underdrains, and other internals exhibit corrosion. The valves also have ongoing operational issues. Additionally, the control systems and process instrumentation are adequate for the plant but antiquated.

**Describe the Proposed or  
Chosen Solution(s) to  
Address the Problem/Need\*:**

The proposed project is to rehabilitate the City's Water Treatment Plant. The rehabilitation would include the replacement of water meters, valves, service motors/drives, control system, process instrumentation, underdrains, and other internals. It will also include installation of upgraded high service motors/pumps with VFD drives and an upgraded control panel that offers more detailed information and allows remote operation. Additionally, serviceable piping will be sandblasted and painted, while unserviceable piping will be replaced.

**Describe the Objectives or  
Goals Specific to This  
Application\*:**

The objective of this application is to obtain DWR preconstruction cost share funding to support final design through bidding and negotiation.

**Describe the Scope of Work  
or Project Activities Specific  
to This Application\*:**

To achieve this objective, the present application is requesting DWR funding for preliminary design, final design, and bidding/negotiation.

For this project,

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

**What is the Current  
Estimated Population\*:** 392

For this project,

**What is the Benefited  
Population\*:** 3392

**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\***: 8/15/2025

**Design Completion\***: 3/31/2026

**Bid\***: 4/30/2026

**Construction Start\***: 6/15/2026



**Construction Completion\*:** 9/30/2026

**Explain Additional Timeline**

**Issues\*:**

No additional timeline issues are anticipated.

**Consulting Engineer\*:** Jeff Ebsch

**Engineer Direct Phone Number\*:** 701-499-5831

**Engineer Email\*:** jeff.ebsch@mooreengineeringinc.com

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

**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\*:** Chanda Arneson 08/25/2025  
First Name Last Name Date

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

**Address\*:** 113 N Main Street  
Address Line 1

Po Box 275  
Address Line 2

McVile North Dakota 58254-\_\_\_\_\_  
City State Zip Code

**Direct Phone Number\*:** 701-322-4343

**Sponsor Email\*:** mcvillend@gondtc.com

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

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:** Jeff Epsch  
First Name Last Name

**Authorized Signor Title/Position:** Chanda Arneson, City Auditor

**Authorized Signor Email:** mcvillend@gondtc.com

**Authorized Signor Direct Phone Number:** 701-322-4343

**Provide the Name for One Additional Board Member, if Applicable:** Brent Messner  
First Name Last Name

**Additional Board Member Title/Position:** Council President

**Additional Board Member Email:** brentmessner@yahoo.com

**Additional Board Member Direct Phone Number:** 701-739-1884

## Documentation

---

### *Documentation*

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

[CLICK HERE to see examples.](#)

**Project Specific Map**

24252\_McVille\_DWR Precon\_Exhibit\_20250821.pdf

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

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

Yes

**Engineer's Estimate of Probable Cost**

24252\_McVille\_DWR Precon\_EOPC.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:**

24252\_McVille\_DWR Precont\_Meeting Minutes\_Aug 2025.docx

**Cover Letter:**

24252\_McVille\_DWR Precon\_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:**

24252\_McVille\_DWR Precon\_Delineation of Costs.xlsx

**Type of Request:**

Preconstruction

**Is This a Water Supply Project?:**

Yes

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

**Life Cycle Cost Analysis:**

24252\_McVille\_DWR Precon\_LCCA.xlsx

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

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

**Has a Feasibility/Engineering Study Been Completed for the Project?:** Yes

**Feasibility/Engineering Study Material:**

24252\_McVille\_Water\_Treatment\_Rehab FINAL SIGNED 20250806.pdf

**Photos of Problem/Issue:**

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

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

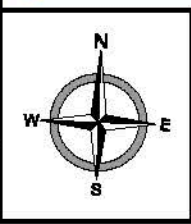
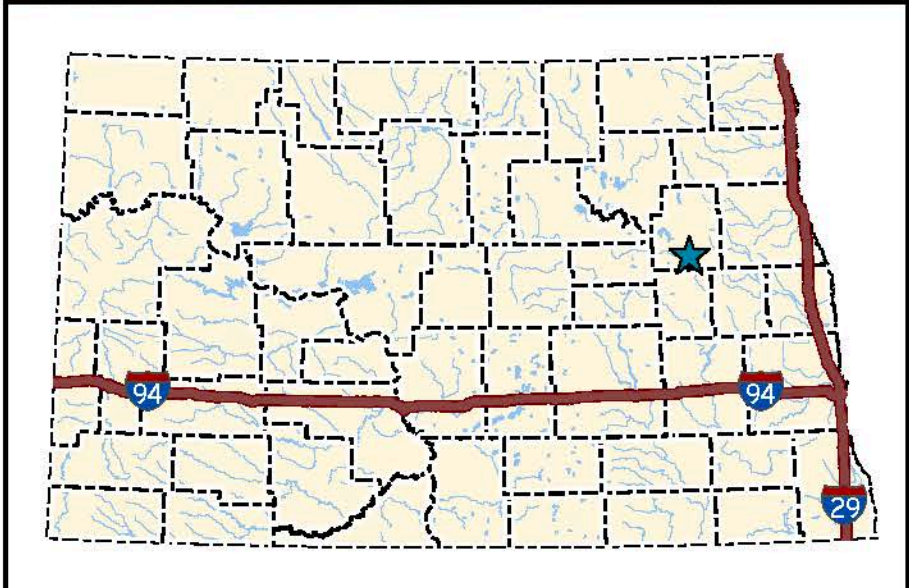
## Sources

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***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	\$111,600.00	\$0.00	\$0.00	\$111,600.00		0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$850,500.00	\$0.00	\$850,500.00		0.00	0.00
Drinking Water State Revolving Fund		Current Request	\$869,900.00	\$0.00	\$0.00	\$869,900.00	Loan	30.00	2.00
			<b>\$981,500.00</b>	<b>\$850,500.00</b>	<b>\$0.00</b>	<b>\$1,832,000.00</b>			









**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (5/2025)

DWR Date Received : August 25, 2025

Project: McVile Water Treatment Plant Rehabilitation  
Sponsor: City of McVile  
Contact: Chanda Ameson  
Phone: 701.322.4343  
Engineer: Jeff Ebsch  
Phone: 701.499.5831

Total Cost : \$ 1,832,000  
Ineligible Cost : \$ 228,500  
Eligible Cost : \$ 1,603,500  
Local Cost : \$ 869,900

Date: August 21, 2025

Cost-Share \$  
\$ 962,100  
Preconstruction : \$ 111,600  
Construction : \$ 850,500

Project Type:

Cost-share %

Municipal Water Supply

60%

		Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	6.8%	Mobilization	1	LS	85,000.00	\$ 85,000	60%	\$ 51,000
2	0.0%	Bonding	0		-	\$ -	60%	\$ -
3	0.0%	Insurance	0		-	\$ -	60%	\$ -
4	5.2%	Demolition	1	LS	65,000.00	\$ 65,000	60%	\$ 39,000
5	24.0%	Filter Preparation and Painting	1	LS	300,000.00	\$ 300,000	60%	\$ 180,000
6	4.0%	Process Pipes, Values, Fittings	1	LS	50,000.00	\$ 50,000	60%	\$ 30,000
7	6.0%	Meters and Automation	1	LS	75,000.00	\$ 75,000	60%	\$ 45,000
8	8.0%	Internal Filter Parts	1	LS	100,000.00	\$ 100,000	60%	\$ 60,000
9	2.8%	Filter Media Replacement	1	LS	35,000.00	\$ 35,000	60%	\$ 21,000
10	4.8%	Chemical Area Improvements	1	LS	60,000.00	\$ 60,000	60%	\$ 36,000
11	2.8%	Building and Structure Repair	1	LS	35,000.00	\$ 35,000	60%	\$ 21,000
12	16.8%	Electrical and Controls	1	LS	210,000.00	\$ 210,000	60%	\$ 126,000
13	1.6%	Motors, Pumps, Controls	1	LS	20,000.00	\$ 20,000	60%	\$ 12,000
14	8.0%	High Service Pumps	2	EA	50,000.00	\$ 100,000	60%	\$ 60,000
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%	\$ -
		Construction Sub-Total				\$ 1,135,000	60%	\$ 681,000
		Contingency				\$ 113,500	60%	\$ 68,100
	68.1%	Construction Total				\$ 1,248,500	60%	\$ 749,100
<b>Preconstruction Costs</b>								
27	14.6%	Preliminary Engineering	1	LS	182,000.00	\$ 182,000	60%	\$ 109,200
28	0.3%	DWR Reimbursement Requests	1	LS	4,000.00	\$ 4,000	60%	\$ 2,400
29	0.0%		0		-	\$ -	60%	\$ -
30	0.0%		0		-	\$ -	60%	\$ -
31	0.0%		0		-	\$ -	60%	\$ -
	10.2%	Preconstruction Total				\$ 186,000	60%	\$ 111,600
<b>Construction Engineering Costs</b>								
32	12.3%	Construction Contract Management & R	1	LS	153,000.00	\$ 153,000	60%	\$ 91,800
33	1.3%	DWR Reimbursement Requests	1	LS	16,000.00	\$ 16,000	60%	\$ 9,600
34	0.0%		0		-	\$ -	60%	\$ -
35	0.0%		0		-	\$ -	60%	\$ -
36	0.0%		0		-	\$ -	60%	\$ -
	9.2%	Construction Engineering Total				\$ 169,000	60%	\$ 101,400
<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%	Other Eligible Total				\$ -	60%	\$ -
<b>In-eligible Costs</b>								
42	6.2%	Other Construction Additional contingency	1	LS	113,500.00	\$ 113,500	0%	\$ -
43	2.0%	Legal, Admin, Funding	1	LS	37,000.00	\$ 37,000	0%	\$ -
44	2.9%	Bonding and Interest	1	LS	53,000.00	\$ 53,000	0%	\$ -
45	1.4%	Engineering Study	1	LS	25,000.00	\$ 25,000	0%	\$ -
	12.5%					\$ 228,500	0%	\$ -
	100.0%	Total				\$ 1,832,000		
		Eligible Total				\$ 1,603,500	60%	\$ 962,100
<b>Federal or State Funds That Supplant Costs</b>								
						\$ -		
		Eligible Cost Total				\$ 1,603,500	60%	\$ 962,100

\* 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 McVile

**Project Title:**

McVile Water Treatment Plant Rehabilitation

**Date:**

August 26, 2025

### Explanation of Alternatives:

WTP Rehabilitation (Preferred) - Replace and upgrade meters, valves, piping, pumps, control system, process instrumentation, underdrains, and other internal elements. Redesign and refurbished the chemical storage area.

WPT Rehabilitation Full Filter Replacement - Replace filter system with pressure filter tanks, appurtenances, and meters. Redesign and refurbish the chemical storage area and building.

### Inputs:

New Connections Served	0
Future Connections Served	0
Current Connections Served	1450
Net Connections (New + Current)	1450

Current CIF Balance	NA
Annual CIF Contribution	
Cash Funding Target (Percentage %) New Assets	
Cash Funding Target (Percentage %) Existing Assets	
Annual CIF Contribution suggested for the Project	

	WTP Rehabilitation (Preferred)	WTP Rehabilitation Full Filter Replacement		
Construction Cost	\$1,832,000	\$2,740,000		
Annual O & M	\$20,000	\$20,000		

### Details:

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	WTP Rehabilitation (Preferred)	WTP Rehabilitation Full Filter Replacement		
Capital Costs	\$1,832,000	\$2,740,000		
O&M	\$534,000	\$534,000		
Repair, Rehab, Replacement	\$1,079,000	\$1,535,000		
Salvage Value	\$97,000	\$166,000		
<b>Total PVC</b>	<b>\$3,348,000</b>	<b>\$4,643,000</b>		
<b>PV Cost Per User</b>	<b>\$2,309</b>	<b>\$3,202</b>		

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$38</b>			
<b>Comparable Water Rate</b>	<b>\$49</b>			
Net Connections (New + Current)	1,450	1,450		
Cost-Share Percent	60%	60%		
	Local Share	\$732,800	\$1,096,000	
	Other Funding	\$0	\$0	
	Total Local	\$732,800	\$1,096,000	
<b>Payment Per User With Cost-Share</b>	<b>\$2.56</b>	<b>\$3.82</b>		
	Local Share	\$1,832,000	\$2,740,000	
	Other Funding	\$0	\$0	
	Total Local	\$1,832,000	\$2,740,000	
<b>Payment Per User Without Cost-Share</b>	<b>\$6.39</b>	<b>\$9.56</b>		

### Explanation of Results:

The sponsor preferred project is the "WTP Rehabilitation" option. The present value cost of the preferred alternative is \$3,348,000 and the presented alternative for comparison is "WPT Rehabilitation Full Filter Replacement" at a present value cost of \$4,643,000. The present value cost per user for the preferred alternative is \$2,309. The monthly user cost of the local share with DWR 60% cost-share participation is \$2.56 per month and \$6.39 without DWR participation.

	Year		Annual Population Growth	Average Annual Population
ND Dept. of Commerce	2010	2023	Rate	Increase/Decrease
Population & Trends	349	379	0.7%	2

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



## City of McVile

PO Box 275/113 N Main St  
McVile, ND 58254  
701-322-4343  
[mcvillend@gotndtc.com](mailto:mcvillend@gotndtc.com)

August 21, 2025

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

RE: McVile Water Treatment Plant Rehabilitation Preconstruction Cost Share Request

Dear Lori:

The City of McVile has initiated a project to rehabilitate the City's Water Treatment Plant. The project will replace numerous aged and deteriorated components within the facility. Many of the components are more than 35 years old and exhibit corrosion and/or operational issues. These include valves, high service motors/pumps, control system, process instrumentation, underdrains, and other internals.

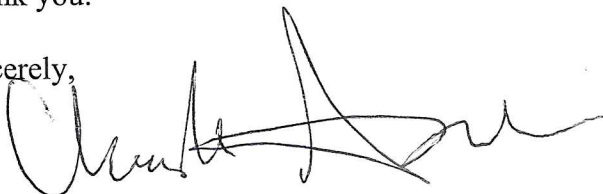
In addition to McVile's 392 residents, the City's Water Treatment Plant provides treated water for approximately 3,000 other users through an agreement with Tri County Rural Water District. In 2024, Tri County Rural Water District purchased 45% of the treated water produced by the plant (i.e., 9,981,000 gallons of the total 22,164,000 gallons of treated water produced).

The City has contracted with Moore Engineering Inc. to perform design and preconstruction engineering services. The City respectfully requests 60% cost share for these preconstruction activities, which include preliminary design, final design, and bidding/negotiation.

We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water to McVile's residents and Tri County Rural Water District members. If you have any questions, please feel free to contact me or the City's engineer, Jeff Ebsch, at [jeff.ebsch@mooreengineeringinc.com](mailto:jeff.ebsch@mooreengineeringinc.com) or (701) 499-5831.

Thank you.

Sincerely,



CITY OF MCVILLE, NORTH DAKOTA  
Chanda Arneson  
City Auditor

## August 11<sup>th</sup>, 2025, Regular Meeting Minutes

7:00 PM in the McVile City Office

President Messner called the meeting to order at 7PM. Present were members Joramo, Berg, Messner, Public Works Trostad & Joramo, Auditor Arneson. Not present: Mayor Stein and member Altendorf. *Motion by Joramo, 2<sup>nd</sup> by Berg to approve the agenda and the July regular & special meeting minutes. All agree, motion carried.*

**Public Works Report:** Auditorium windows will be looked at by a company out of Fargo. They might need more than just caulking. This company will give us some options. The elevator at the Auditorium is not working. We have reached out to a couple companies and are waiting to get them here to fix it.

**Auditor's Report:** Office computers have been ordered and should be installed by the end of the month.

The JDA is assisting the McVile Market with a sustainability grant application. The city is in support of this funding opportunity but is unable to offer financial assistance.

*Motion for approval of July financials by Jormao, 2<sup>nd</sup> by Berg. All agree, motion passes.* Payments: KAltendorf \$3432.75, F&MVisa \$2580.63, Ihry \$25254, Team Lab \$1973, Hawkins \$637.70, Brager \$1725.25, BCBS \$4955, NDLC \$629, Ottetail \$4473.51, Shaes \$199, Tree Sign \$45, Sheriff \$1960, LakAmer \$157.50, Brager \$1725.25, D&M \$256.52, GF Lab \$44, Marc \$1492.16, RArneson \$962.50, RDFC \$1587.43, Hawkins \$1567.70, ONECall \$7.50, BCBS \$4955, Olsons \$10500, UNUM \$64.08, DEQ \$100, NDPERS \$1870.75, NDTTC \$251.15, State Tax \$12, EFTPS \$3556.52, Verizon \$319.02, Payroll \$19326.43

**Old Business:** Water rates– Tri County Water – Mike and Chad Blessum represented Tri County water for a discussion on upcoming Water Treatment Plant upgrades. As per the contract between the City of McVile and Tri County Water, when residential rates are increased, we have the ability to raise their rates as well. Being we have substantial upgrades ahead of us, the council wants to keep discussions open with Tri County as their input and relationship are vital for the future of our water production and distribution. Moore Engineering spoke on the upcoming projects and funding options. *Motion by Berg, 2<sup>nd</sup>*

*Joramo to approve the application to the State Water Commission and SRF loan funding. All agree, motion passes. Motion by Joramo, 2<sup>nd</sup> by Berg to authorize the application to be submitted by Moore. All agree, motion passes.*

Alley Petition follow up - Attorney opinion – after review of the documentation received from the municipal attorney office, The City agrees to deny the petition to vacate and will no longer entertain discussion pertaining to the East West alley located in Block 19 OT. “It is the policy of the City to preserve access to properties through public ways, streets, alleys and public spaces. The vacations sought by the Petition disrupts this access and policy”

**New Business** Fall Dumpsters are scheduled for Sept 15<sup>th</sup>. Council/Mayor compensation to be addressed in future meetings. The 2026 Preliminary Budget Hearing is set for 7PM Monday, September 8<sup>th</sup>.

SRF water meter loan payoff – *Motion by Joramo, 2<sup>nd</sup> by Berg to approve the pay off of the SRF water meter loan if the organization approves this request. All agree, motion passes.*

**Announcements:** September 8<sup>th</sup>, 2026 Preliminary Budget Meeting, 7PM  
September 8<sup>th</sup> Regular Council Meeting, immediately following the budget meeting

**Adjournment:** 8:50 PM

# 1086299 - NRWD: User and Facility Expansion

## Application Details

<b>Funding Opportunity:</b>	<b>Initial Submit Date:</b>	Aug 18, 2025 11:22 AM
1085949-July 2025 - June 2026 Infrastructure Request	<b>Initially Submitted By:</b>	Geoff Slick
<b>Funding Opportunity Due Date:</b>	<b>Last Submit Date:</b>	
Jun 30, 2026 3:00 PM	<b>Last Submitted By:</b>	
<b>Program Area:</b>		
Funding for Infrastructure in ND - FIND		
<b>Status:</b>		Submitted
<b>Stage:</b>		Final Application

## Contact Information

### Primary Contact Information

<b>Active User*:</b>	Yes
<b>Type:</b>	External User
<b>Name:</b>	Mr. Geoff
	Salutation First Name
Middle Name	Slick
	Last Name
<b>Title:</b>	Rural Water Practice Leader
<b>Email*:</b>	Geoffrey.slick@ae2s.com
<b>Address*:</b>	6250 Driftwood Dr

### Organization Information

<b>Status*:</b>	Approved
<b>Name*:</b>	Northeast Regional Water District
<b>Organization Type*:</b>	Municipal Government
<b>Tax Id:</b>	45-0461209
<b>Organization Website:</b>	
<b>Address*:</b>	13532 ND-5

	Grand Forks	North Dakota		Cavalier	North Dakota
	City	State/Province		City	State/Province
58201			58220-0000		
Postal Code/Zip			Postal Code/Zip		
<b>Phone*:</b>	701-213-7580	Ext.	<b>Phone*:</b>	(701) 265-8503	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

---

### *Infrastructure Funding Request*

<b>Project Name*:</b>	NRWD: User and Facility Expansion
<b>Sponsor(s)*:</b>	Northeast Regional Water District
<b>County*:</b>	Pembina
<b>City*:</b>	Cavalier
<b>Description of Request*:</b>	New
<b>Project Type:</b>	Rural Water Supply
<b>If Project is a Study, What Type?:</b>	
<b>If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:</b>	
<b>Jurisdictions/Stakeholders Involved*:</b>	
	Northeast Regional Water District

**Describe the Problem/Need  
and the Circumstances that  
Led to This Application\*:**

Over 50-users haul water or are on induvial wells. Poor water quality and quantity have urged users to switch to a public water system. Also, many of the facilities that serve these users need upgrades to continue to provide adqueate water supplies to existing and new users.

**Describe the Proposed or  
Chosen Solution(s) to  
Address the Problem/Need\*:**

Addition of 53-users to the existing Northeast Regional Water District and upgrade/expand several facilities that provide water to the new and existing users. Upgrades will include larger piping, pumps, electrical needs and other miscellaneous appurtenances.

**Describe the Objectives or  
Goals Specific to This  
Application\*:**

The goal of the project would to have adequate facilities/flow/pressure to provide water to all existing and new NRWD users.

**Describe the Scope of Work  
or Project Activities Specific  
to This Application\*:**

The project will include all preconstruction work to get the project ready to bid. The work will include easement assistance, archeological/environmental, final design and bidding.

**For this project,**

<b>Choose City, County, Water District or Other*:</b>	Water District
---	----------------

<b>What is the Current Estimated Population*:</b>	10000
---	-------

**For this project,**

<b>What is the Benefited Population*:</b>	5000
---	------

<b>Have Assessment Districts Been Formed*:</b>	N/A
--	-----

<b>Have Land or Easements Been Acquired*:</b>	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\*:** November 2025

**Design Completion\*:** May 2026

**Bid\*:** June 2026

**Construction Start\*:** July 2026

**Construction Completion\*:** July 2027

**Explain Additional Timeline****Issues\*:**

None anticipated at this time.

**Consulting Engineer\*:** Geoff Slick

**Engineer Direct Phone Number\*:** 701-746-8087

**Engineer Email\*:** Geoffrey.slick@ae2s.com

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

**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\*:** Jeremy Schuler 08/14/2025  
First Name Last Name Date

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

**Address\*:** 13532 ND-5  
Address Line 1  
Address Line 2

Cavalier North Dakota 58220-0000  
City State Zip Code

**Direct Phone Number\*:** 701-265-8503

<b>Sponsor Email*:</b>	Jeremy@nrwd.us
<b>Are You Seeking Department of Water Resources Cost-Share?*</b>	Yes
<b>Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:</b>	Richard Bigwood First Name Last Name
<b>Authorized Signor Title/Position:</b>	President
<b>Authorized Signor Email:</b>	mrbig77@hotmail.com
<b>Authorized Signor Direct Phone Number:</b>	701-520-1449
<b>Provide the Name for One Additional Board Member, if Applicable:</b>	Michelle Schommer First Name Last Name
<b>Additional Board Member Title/Position:</b>	Vice-President
<b>Additional Board Member Email:</b>	happy.4me@live.com
<b>Additional Board Member Direct Phone Number:</b>	701-370-8343

## Documentation

---

### ***Documentation***

<b>Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.*:</b>	No
--	----

[CLICK HERE to see examples.](#)

**Project Specific Map**

New User and Reservoir Expansion.pdf

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

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

Yes

**Engineer's Estimate of Probable Cost**

User and Reservoir Expansion Estimate.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:**

August 14 2025 Minutes of NRWD Online meeting-user expansion project- Copy.doc 1.doc

**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 39.xlsx

**Type of Request:**

Preconstruction

**Is This a Water Supply Project?\***

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 27.xlsx

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

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

**Has a Feasibility/Engineering Study Been Completed for the Project?:** No

**Photos of Problem/Issue:**

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

**Other Applicable Document(s):**

## Sources

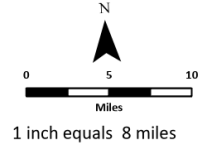
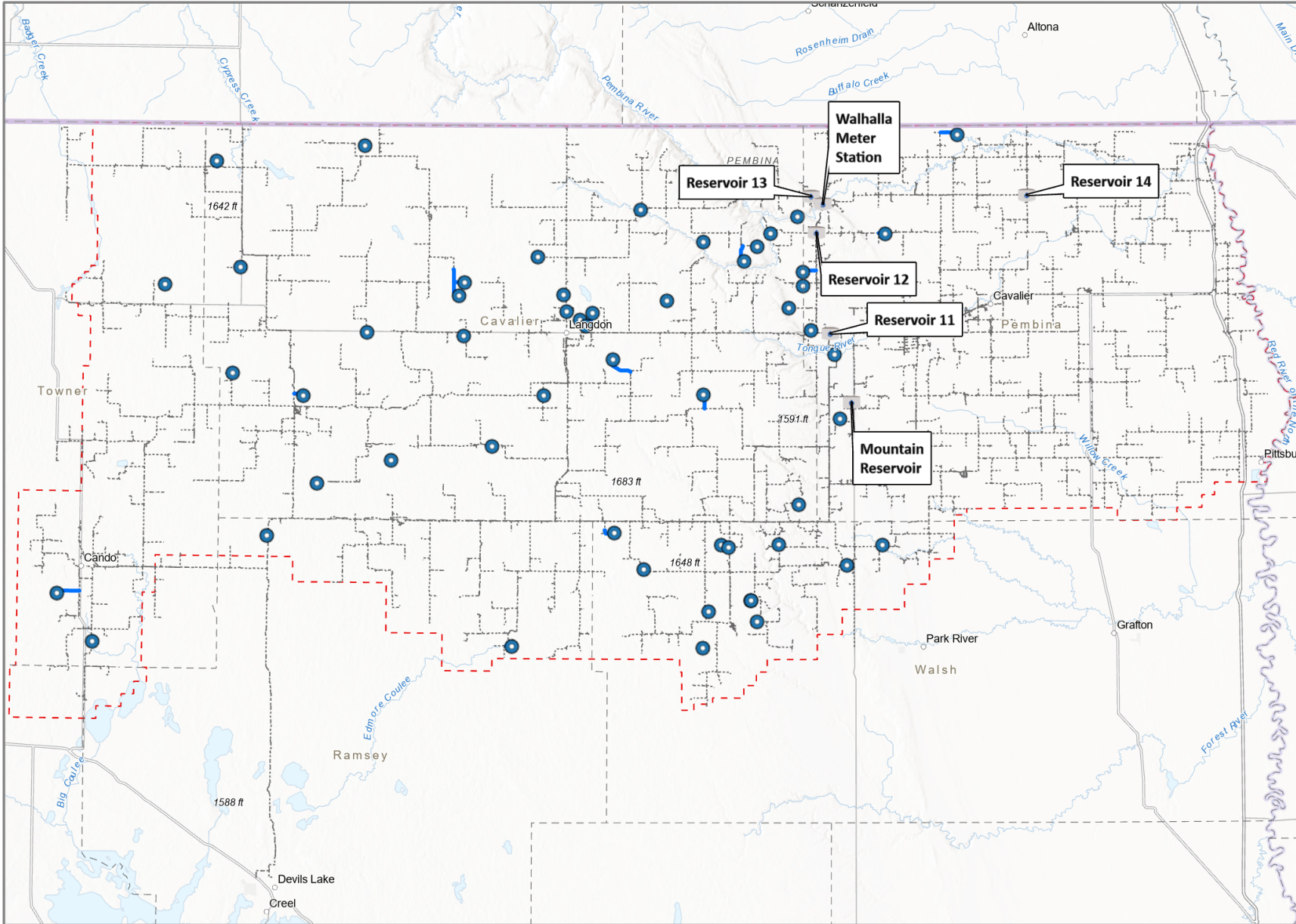
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***Project Funding Sources - Include All Funding Sources for the Project (Should Equal***



**Project Cost)**

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 2			Total Cost	Type	Term	Interest Rate
			State Fiscal Year 1 July to June	July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Pre- Construction		Current Request	\$474,000.00	\$0.00	\$0.00	\$474,000.00 <b>\$473,989.00</b>	Grant	0.00	0.00
Other	Local	Current Request	\$158,000.00	\$0.00	\$0.00	\$158,000.00		0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$3,313,500.00	\$0.00	\$0.00	\$3,313,500.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Future Request	\$1,104,500.00	\$0.00	\$0.00	\$1,104,500.00	Loan	30.00	2.00
			<b>\$5,050,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$5,050,000.00</b>			



## NEW USER AND RESERVOIR EXPANSION

- Reservoir/Pump Station Improvements
- 53 New Users
- New Pipeline
- Existing Pipeline
- NRWD Boundary

NORTHEAST REGIONAL  
WATER DISTRICT  
CAVALIER, ND

Date: 8/18/2025



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 Intl | Edited by: KSteffl | W:\N\Northeast RWD\Biennium Planning\GIS\Biennium Planning - Mapping and Analysis.aprx | New User and Reservoir Expansion



**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (5/2025)

DWR Date Received : August 18, 2025

Project: NRWD: User and Reservoir Expansion  
Sponsor: Northeast Regional Water District  
Contact: Jeremy Schuler, Manager  
Phone: 701-265-8503  
Engineer: Geoff Slick, AE2S  
Phone: 701-746-8087

Total Cost : \$ 5,050,000  
Ineligible Cost : \$ -  
Eligible Cost : \$ 5,050,000  
Local Cost : \$ 1,262,500

Date: August 14, 2025

Cost-Share \$  
\$ 3,787,500  
Preconstruction : \$ 473,989  
Construction : \$ 3,313,511

Project Type:

Cost-share %

Rural Water Supply

75%

		Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
		<b>Construction Costs</b>						
Item	%	Mobilization	1	LS	77,400.00	\$ 77,400	75%	\$ 58,050
1	2.0%	Bonding	0		-	\$ -	75%	\$ -
2	0.0%	Insurance	0		-	\$ -	75%	\$ -
3	0.0%	Water Main 2 in	166000	LF	6.50	\$ 1,079,000	75%	\$ 809,250
4	27.9%	Boring - Poly	17000	LF	22.00	\$ 374,000	75%	\$ 280,500
5	9.7%	Detailed Tie-In	52	EA	4,000.00	\$ 208,000	75%	\$ 156,000
6	5.4%	Curb Stop	53	EA	3,000.00	\$ 159,000	75%	\$ 119,250
7	4.1%	Meter	40	EA	2,000.00	\$ 80,000	75%	\$ 60,000
8	2.1%	Meter - Frost Free	13	EA	4,500.00	\$ 58,500	75%	\$ 43,875
9	1.5%	Seeding	10	AC	600.00	\$ 6,000	75%	\$ 4,500
10	0.2%	Gravel	50	TON	35.00	\$ 1,750	75%	\$ 1,313
11	0.0%	Pump Station	6	EA	246,212.00	\$ 1,477,272	75%	\$ 1,107,954
12	38.1%		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%	\$ -
		Construction Sub-Total				\$ 3,520,922	75%	\$ 2,640,692
		Contingency				\$ 352,092	75%	\$ 264,069
	76.7%	Construction Total				\$ 3,873,014	75%	\$ 2,904,761
		<b>Preconstruction Costs</b>						
27	1.3%	Easement Assistance	1		50,000.00	\$ 50,000	75%	\$ 37,500
28	1.3%	Archeological Study	1		49,985.00	\$ 49,985	75%	\$ 37,489
29	12.6%	Final Design	1		487,000.00	\$ 487,000	75%	\$ 365,250
30	1.2%	Bidding / Negotiations	1		45,000.00	\$ 45,000	75%	\$ 33,750
31	0.0%		0		-	\$ -	75%	\$ -
	12.5%	Preconstruction Total				\$ 631,985	75%	\$ 473,989
		<b>Construction Engineering Costs</b>						
32	11.9%	Project Inspection	1		460,000.00	\$ 460,000	75%	\$ 345,000
33	0.0%		0		-	\$ -	75%	\$ -
34	0.0%		0		-	\$ -	75%	\$ -
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
	9.1%	Construction Engineering Total				\$ 460,000	75%	\$ 345,000
		<b>Other Eligible Costs</b>						
37	1.7%	Crop Reimbursement	1		85,001.00	\$ 85,001	75%	\$ 63,751
38	0.0%		0		-	\$ -	75%	\$ -
39	0.0%		0		-	\$ -	75%	\$ -
40	0.0%		0		-	\$ -	75%	\$ -
41	0.0%		0		-	\$ -	75%	\$ -
	1.7%	Other Eligible Total				\$ 85,001	75%	\$ 63,751
		<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%	Other Ineligible Total				\$ -	0%	\$ -
		<b>Total</b>						
100.0%		Eligible Total				\$ 5,050,000	75%	\$ 3,787,500
		<b>Federal or State Funds That Supplant Costs</b>						
		Eligible Cost Total				\$ 5,050,000	75%	\$ 3,787,500

\* 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:**  
**Project Title:**

Northeast Regional Water District  
NRWD: User and Reservoir Expansion

**Date:**

August 21, 2025

### Explanation of Alternatives:

Do Nothing - Users continue to haul water and facilities remain undersized and do not sufficiently provide during critical demand periods.  
Expand existing facilities (Preferred) - Add 53-users to the existing NRWD system and upgrade 6-pump stations to be able to provide adequate water supplies for existing and new users.  
Upsize pipelines - Add 53 users and installing larger pipelines instead of upgrading pump stations to increase capacities to areas of the system.

### Inputs:

New Connections Served	53
Future Connections Served	0
Current Connections Served	2695
Net Connections (New + Current)	2748

Current CIF Balance	NA
Annual CIF Contribution	
Cash Funding Target (Percentage %) New Assets	
Cash Funding Target (Percentage %) Existing Assets	
Annual CIF Contribution suggested for the Project	

	Do Nothing	Expand existing facilities (Preferred)	Upsize pipelines	
Construction Cost	\$0	\$5,050,022	\$8,458,100	
Annual O & M	\$0	\$40,000	\$20,000	

### Details:

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	Do Nothing	Expand existing facilities (Preferred)	Upsize pipelines	
Capital Costs	\$0	\$4,982,000	\$8,345,000	
O&M	\$0	\$1,030,000	\$515,000	
Repair, Rehab, Replacement	\$0	\$1,327,000	\$1,714,000	
Salvage Value	\$0	\$297,000	\$40,000	
<b>Total PVC</b>	<b>\$0</b>	<b>\$7,042,000</b>	<b>\$10,534,000</b>	
<b>PV Cost Per User</b>	<b>\$0</b>	<b>\$2,563</b>	<b>\$3,833</b>	

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$101</b>			
<b>Comparable Water Rate</b>	<b>\$78</b>			
Net Connections (New + Current)	2,748	2,748	2,748	
Cost-Share Percent	60%	60%	60%	
Local Share	\$0	\$1,992,800	\$3,338,000	
Other Funding	\$0	\$0	\$0	
Total Local	\$0	\$1,992,800	\$3,338,000	
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$3.67</b>	<b>\$6.14</b>	
Local Share	\$0	\$4,982,000	\$8,345,000	
Other Funding	\$0	\$0	\$0	
Total Local	\$0	\$4,982,000	\$8,345,000	
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$9.17</b>	<b>\$15.36</b>	

### Explanation of Results:

The sponsor preferred project is the "Expand existing facilities" option. The present value cost of the preferred alternative is \$7,042,000 and the presented alternative for comparison is "Upsize pipelines" at a present value cost of \$10,534,000. The present value cost per user for the preferred alternative is \$2,563. The monthly user cost of the local share with DWR 75% cost-share participation is \$3.67 per month and \$9.17 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



August 14, 2025

Reice Haase  
Director, State Water Commission  
1200 Memorial Highway  
Bismarck ND 58504

**Re: NRWD: User and Reservoir Expansion**

Dear Director Haase:

NRWD is applying for a North Dakota State Water Commission (ND SWC) Cost Share application for preconstruction dollars for the NRWD: User and Reservoir Expansion Project. The project will add 50-plus users and upgrade reservoir/pump stations that serve those users. This is a very important project for NRWD and we look forward to collaborating with the ND SWC to get this complete.

Thank you for your continued cooperation regarding the above referenced project. If you have any questions, please feel free to contact me at (701) 370-0608.

Sincerely,

Jeremy Schuler  
Northeast Regional Water District System Manager

c: Geoff Slick, Project Manager



**MINUTES OF THE  
NORTHEAST REGIONAL WATER DISTRICT  
Online Meeting  
August 14, 2025**

The NRWD online meeting was called to order by President Rick Bigwood at 8:10AM .

Directors Present

Bruce Henschel  
Brian Kram  
Kevin Brown  
Winston Johnson

Others Present

Rick Bigwood  
Arnie Peterson  
Michele Schommer

Jeremy Schuler  
Geoff Slick

Jeremy noted that everyone was present and turned it over to Geoff Slick to review the project.

Geoff asked all the members to refer to the preconstruction estimate that was emailed out. Geoff then reviewed the Preconstruction Application for the NRWD: User and Reservoir Expansion Project that was to be submitted to ND DWR.

After reviewing and discussing the application, Michele Schommer made a motion to approve to submit the application for 75% cost share for \$632,000 preconstruction cost on the User and Reservoir Expansion Project. There was a second by Bruce Henschel. All voting in favor, MC.

President Rick Bigwood asked if there was any other business. Being none, Michele Schommer made a motion to adjourn with a second by Kevin Brown, meeting adjourned.

Sec/Treasure

Bruce Henschel

# 1086251 - WRWD - Walsh County Water Supply - Copy **F 3**

## Application Details

<b>Funding Opportunity:</b>	<b>Initial Submit Date:</b>	Aug 22, 2025 10:11 AM
1085949-July 2025 - June 2026 Infrastructure Request	<b>Initially Submitted By:</b>	Geoff Slick
<b>Funding Opportunity Due Date:</b>	<b>Last Submit Date:</b>	Aug 25, 2025 12:57 PM
Jun 30, 2026 3:00 PM	<b>Last Submitted By:</b>	Geoff Slick
<b>Program Area:</b>		
Funding for Infrastructure in ND - FIND		
<b>Status:</b>		Under Review
<b>Stage:</b>		Final Application

## Contact Information

### Primary Contact Information

<b>Active User*:</b>	Yes
<b>Type:</b>	External User
<b>Name:</b>	Mr. Geoff Middle Name Salutation First Name
	Slick Last Name
<b>Title:</b>	Rural Water Practice Leader
<b>Email*:</b>	Geoffrey.slick@ae2s.com
<b>Address*:</b>	6250 Driftwood Dr
	Grand Forks North Dakota City State/Province
	58201 Postal Code/Zip
<b>Phone*:</b>	701-213-7580 Ext. Phone ###-###-####

### Organization Information

<b>Status*:</b>	Approved
<b>Name*:</b>	Walsh Rural Water District
<b>Organization Type*:</b>	Political Subdivision
<b>Tax Id:</b>	45-0451398
<b>Organization Website:</b>	
<b>Address*:</b>	PO Box 309
	Grafton North Dakota City State/Province
	58237-0309 Postal Code/Zip
<b>Phone*:</b>	(701) 352-3915 Ext. ###-###-####
<b>Fax:</b>	###-###-####

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

**Vendor ID:**

**Comments:**

**PeopleSoft**

**Supplier ID:**

**Comments:**

**Location Code:**

## Infrastructure Funding Request

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### ***Infrastructure Funding Request***

**Project Name\*:** WRWD: Walsh County Water Supply

**Sponsor(s)\*:** Walsh Rural Water District

**County\*:** Walsh

**City\*:** Grafton

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

**Project Type:** Rural Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:** Fordville Aquifer

**Jurisdictions/Stakeholders Involved\*:**

Walsh Rural Water District

Park River

Minto

Grafton

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

WRWD jointly owns a WTP with the City of Park River and Minto. The WTP is a 1200 GPM lime softening WTP that has components that are nearing it useful life. The original structure was built in the 1970's and last updated in the early 2000's. The WTP footprint capacity does not allow for any future capacity increase. As WRWD continues to add rural users, the City of Drayton, and work with neighboring water systems, demand will continue to increase beyond current WTP capacity. Also, currently the City of Grafton obtain raw water from the both the Park and Red River. Source waters in both rivers have continued to degrade making water treatment more difficult. Also currently, the Walsh Regional WTP and the Grafton WTP water are unable to be mixed due quality issues with a ground water source and a surface water source.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The proposed solution will make a meaningful regional partnership to water suppliers within Walsh County. The project would include increasing wellfield capacity within the Fordville aquifer, constructing a new raw water receiving and pumping station, 32-miles of raw water transmission pipeline, new rural water distribution pipeline to be able to obtain water from the Grafton WTP and upgrades to the Park River and Grafton WTP.

**Describe the Objectives or Goals Specific to This Application\*:**

Currently the Park River WTP is near full capacity, allowing little to no opportunities for the addition of new users, or down time for repairs, also much the WTP is nearing 50-years old and many components are best there useful life. The Grafton WTP on the other hand has excess capacity, but is on a very difficult surface source water, the Park River and Red River. Due to being a surface WTP, the ground WTP that Walsh obtains there water from does not mix well with the Grafton's source. By Grafton switching form a surface water to a ground water, would allow Walsh RWD the opportunity to purchase water from Grafton, freeing up additional capacity for new users. It would also provide Grafton with a more consistent raw water quality providing a safer more reliable water supply.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

The project will be for preconstruction activities to include permitting, easement assistance, Archeological/Environmental Review, Geo-Technical, Final Design and Bidding for the above referenced project.

For this project,

<b>Choose City, County, Water District or Other*:</b>	Water District
---	----------------

<b>What is the Current Estimated Population?*</b>	11000
---	-------

For this project,

<b>What is the Benefited Population?*</b>	11000
---	-------

<b>Have Assessment Districts Been Formed?*</b>	N/A
--	-----

<b>Have Land or Easements Been Acquired?*</b>	No
---	----

<b>Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?*</b>	Yes
---	-----

<b>Are There Any Road Improvements Included as Part of the Project?*</b>	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?** Yes  
(Example: Hazard Mitigation Grant Program)  
\*:

**Explain the Source, Timing and Amount of Federal Funds:**

WRWD has applied the past 3-years for the emerging containments in small or disadvantaged communities grant program and loan forgiveness that is administered through the SRF program. WRWD is high on the priority list and is currently being evaluated for eligibility.

**Federal Funding Contact:** Bryan Schmitt  
First Name Last Name

**Federal Funding Contact Number:** 701-328-5299

**Federal Funding Email:** BrSchmitt@ND.GOV

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: June 2025

**Design Completion\***: June 2026

**Bid\***: July 2026

**Construction Start\***: August 2026

**Construction Completion\***: November 2027

**Explain Additional Timeline Issues\***:

If Walsh was unable to complete the archeological survey in 2025, the timeline would be pushed a year.

**Consulting Engineer\***: Geoff Slick



Engineer Direct Phone Number\*: 701-213-7580

Engineer Email\*: Geoffrey.slick@ae2s.com

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

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\*: Brian Reilly 07/31/2025  
First Name Last Name Date

Title/Position/Authority\*: Manager

Address\*: 14768 ND-17  
Address Line 1  
Address Line 2  
Grafton North Dakota 58237-0000  
City State Zip Code

Direct Phone Number\*: 701-352-3915

Sponsor Email\*: Breilly@polarcomm.com

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

Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor: Keith Nilson  
First Name Last Name

Authorized Signor Title/Position: President

Authorized Signor Email: Nilsfarm@polarcomm.com

<b>Authorized Signor Direct Phone Number:</b>	701-331-0274
<b>Provide the Name for One Additional Board Member, if Applicable:</b>	Kit Midgarden First Name Last Name
<b>Additional Board Member Title/Position:</b>	Board Member
<b>Additional Board Member Email:</b>	Kit@polarcomm.com
<b>Additional Board Member Direct Phone Number:</b>	701-331-0442

## 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** WRWD Walsh County Water Supply.pdf

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

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** 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:** 6-19-2025.pdf

**Cover Letter:** 20250822090850801.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.](#)

<b>Delineation of Costs SFN 61801:</b>	sfn_61801_delineation_of_cost updated with Final Design.xlsx
<b>Type of Request:</b>	Preconstruction
<b>Is This a Water Supply Project?:</b>	Yes
CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.	
<b>Life Cycle Cost Analysis:</b>	life_cycle_cost_analysis_worksheet Updated for Final design.xlsx
<b>Is This a Rural Flood Control Project?:</b>	No
<b>Is This a Drain Reconstruction Project?:</b>	No
<b>Is This a Flood Recovery Property Acquisition Project?:</b>	No
<b>If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:</b>	No
<b>Sovereign Land Permit, if Required for Construction Request:</b>	
<b>DWR Construction Permit, if Required for Construction Request:</b>	
<b>Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:</b>	
<b>Has a Feasibility/Engineering Study Been Completed for the Project?:</b>	Yes
<b>Feasibility/Engineering Study Material:</b>	WRWD - WTP Expansion PER - Reduced File Size.pdf
<b>Photos of Problem/Issue:</b>	
<b>GIS Files:</b>	Please Compress All Files Into One .zip File.
<b>Other Applicable Document(s):</b>	

## Sources

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

Source	If Other, Specify Funding Source	Source Status	State Fiscal	State Fiscal	Beyond	Total Cost	Type	Term	Interest Rate
			Year 1	Year 2	Current				
			July to June	July to June	Biennium				
Department of Water Resources Cost Share Pre-Construction		Already Approved	\$0.00	\$82,500.00	\$0.00	\$82,500.00	Grant	0.00	0.00
Other	Local	Already Approved	\$0.00	\$27,500.00	\$0.00	\$27,500.00	Loan	0.00	0.00
Other	EC-SDC and Loan Forgiveness	Future Request	\$0.00	\$20,256,000.00	\$0.00	\$20,256,000.00		0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$10,128,000.00	\$0.00	\$10,128,000.00		0.00	0.00
Drinking Water State Revolving Fund		Future Request	\$0.00	\$3,376,000.00	\$0.00	\$3,376,000.00	Loan	30.00	2.00
Other	SRF Loan Forgiveness	Current Request	\$1,878,000.00	\$0.00	\$0.00	\$1,878,000.00		0.00	0.00
Department of Water Resources Cost Share Pre-Construction		Current Request	\$939,000.00	\$0.00	\$0.00	\$939,000.00	Grant	0.00	0.00
Other	Local	Current Request	\$313,000.00	\$0.00	\$0.00	\$313,000.00		0.00	0.00
			\$3,130,000.00	\$33,870,000.00	\$0.00	\$37,000,000.00			

Edinburg

# WRWD: WALSH COUNTY WATER SUPPLY

Kerry

Walsh Regional  
WTP Upgrades

New Raw Water Pipeline to  
Connect to Existing 12-inch  
PVC Raw Water Pipeline

New 12-inch HDPE  
Raw Water Pipeline

New 20-inch HDPE  
Raw Water Pipeline

New Wells

New Raw Water  
Transfer Station

Reservoir 4

New 20-inch HDPE  
Raw Water Pipeline

Grafton WTP Upgrades  
for Connection to  
WRWD

Kellogg

Reservoir 6

Leistikow  
Mendota

Grafton

Walsh

Rushford

Pineak

ville

Eden

Conway

0 6,000 12,000  
US Feet  
1 inch equals 12,000 feet



Project Location



Alternative 4 Pipeline

- Raw
- Treated
- New Well
- New/Expanded WTP
- Existing WRWD Reservoir
- WRWD Transfer Station
- Existing Well

Existing Raw Water Pipeline

- ABM Pipeline
- PVC Pipeline
- Other/Unknown

Existing WRWD Pipeline

- Existing WRWD Pipeline





**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (5/2025)

DWR Date Received : August 25, 2025

Project: WRWD: Walsh County Water Supply  
Sponsor: Walsh Rural Water District  
Contact: Brian Reilly, Manager  
Phone: 701-331-2563  
Engineer: Geoff Slick, AE2S  
Phone: 701-746-8087

Total Cost : \$ 37,000,000  
Ineligible Cost : \$ 19,455,740  
Eligible Cost : \$ 17,544,260  
Local Cost : \$ 23,841,805

Date:

**Cost-Share \$**

\$ 13,158,195

Preconstruction : \$ 2,430,000

Construction : \$ 25,320,000

**Project Type:**

**Cost-share %**

Rural Water Supply

75%

		Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
<b>Construction Costs</b>								
1	0.0%	Mobilization	0	LS	-	-	75%	\$ -
2	0.0%	Bonding	0		-	-	75%	\$ -
3	0.0%	Insurance	0		-	-	75%	\$ -
4	42.1%	Raw Water Pipeline	1	LS	13,300,000.00	\$ 13,300,000	75%	\$ 9,975,000
5	4.8%	Wells	1	LS	1,500,000.00	\$ 1,500,000	75%	\$ 1,125,000
6	20.0%	Raw Water Pumping Station	1	LS	6,300,000.00	\$ 6,300,000	75%	\$ 4,725,000
7	11.7%	Park River WTP Upgrades	1	LS	3,700,000.00	\$ 3,700,000	75%	\$ 2,775,000
8	8.9%	Grafton WTP Upgrades	1	LS	2,800,000.00	\$ 2,800,000	75%	\$ 2,100,000
9	2.1%	Distribution Pipeline	1	LS	650,000.00	\$ 650,000	75%	\$ 487,500
10	1.4%	I & C System Services	1	LS	450,000.00	\$ 450,000	75%	\$ 337,500
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>				\$ 28,700,000	75%	\$ 21,525,000
	10.0%	<b>Contingency</b>				\$ 2,870,000	75%	\$ 2,152,500
	85.3%	<b>Construction Total</b>				\$ 31,570,000	75%	\$ 23,677,500
<b>Preconstruction Costs</b>								
27	0.3%	Preliminary Design - Already Approved	1	LS	110,000.00	\$ 110,000	75%	\$ 82,500
28	0.3%	Archelological/Geo-Tech	1	LS	80,000.00	\$ 80,000	75%	\$ 60,000
29	0.5%	Easement Acquisition	1	LS	165,000.00	\$ 165,000	75%	\$ 123,750
30	8.7%	Final Design	1	LS	2,755,000.00	\$ 2,755,000	75%	\$ 2,066,250
31	0.4%	Permitting	1	LS	130,000.00	\$ 130,000	75%	\$ 97,500
	8.8%	<b>Preconstruction Total</b>				\$ 3,240,000	75%	\$ 2,430,000
<b>Construction Engineering Costs</b>								
32	6.0%	Project Inspection	1		1,890,000.00	\$ 1,890,000	75%	\$ 1,417,500
33	1.0%	Crop Reimbursement	1		300,000.00	\$ 300,000	75%	\$ 225,000
34	0.0%		0		-	\$ -	75%	\$ -
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
	5.9%	<b>Construction Engineering Total</b>				\$ 2,190,000	75%	\$ 1,642,500
<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	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>				\$ 37,000,000		
		<b>Eligible Total</b>				\$ 37,000,000	75%	\$ 27,750,000
<b>Federal or State Funds That Supplant Costs</b>								
						\$ 19,455,740		
		<b>Eligible Cost Total</b>				\$ 17,544,260	75%	\$ 13,158,195

\* 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:** Walsh Rural Water District  
**Project Title:** WRWD: Walsh County Water Supply

**Date:** August 28, 2025

### Explanation of Alternatives:

Do Nothing - Do not address capacity nor converting Grafton's raw water supply from surface water to ground water.  
 Raw Water Pipeline to Grafton and finished water from Grafton to Walsh (Preferred) - Add new wells, new raw water transfer station, new raw water transmission pipeline, upgrades of existing Walsh Regional WTP and Grafton WTP and finished water distribution pipelines.  
 Raw Water Pipeline to Grafton and expand existing Walsh Regional WTP- Add new wells, new raw water transfer station, new raw water transmission pipeline, 600 GPM expansion of existing Walsh Regional WTP.  
 Raw Water Pipeline to Grafton and new 1800 GPM Walsh Regional RO WTP - Add new wells, new raw water transfer station, new raw water transmission pipeline, new 1800 GPM RO WTP.

### Inputs:

New Connections Served	2000
Future Connections Served	200
Current Connections Served	2400
Net Connections (New + Current)	4400

Current CIF Balance	NA
Annual CIF Contribution	
Cash Funding Target (Percentage %) New Assets	
Cash Funding Target (Percentage %) Existing Assets	
Annual CIF Contribution suggested for the Project	

	Do Nothing	Raw Water Pipeline to Grafton and finished water from Grafton to Walsh (Preferred)	Raw Water Pipeline to Grafton and expand existing Walsh Regional WTP	Raw Water Pipeline to Grafton and new 1800 GPM Walsh Regional RO WTP
Construction Cost	\$0	\$37,000,000	\$43,716,000	\$64,837,600
Annual O & M	\$0	\$1,320,000	\$1,320,000	\$1,020,000

### Details:

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

	Do Nothing	Raw Water Pipeline to Grafton and finished water from Grafton to Walsh (Preferred)	Raw Water Pipeline to Grafton and expand existing Walsh Regional WTP	Raw Water Pipeline to Grafton and new 1800 GPM Walsh Regional RO WTP
Present Value				
Capital Costs	\$0	\$36,505,000	\$42,556,000	\$63,118,000
O&M	\$0	\$34,010,000	\$32,760,000	\$25,319,000
Repair, Rehab, Replacement	\$0	\$17,845,000	\$30,667,000	\$50,613,000
Salvage Value	\$0	\$1,932,000	\$2,602,000	\$4,559,000
<b>Total PVC</b>	<b>\$0</b>	<b>\$86,428,000</b>	<b>\$103,381,000</b>	<b>\$134,491,000</b>
<b>PV Cost Per User</b>	<b>\$0</b>	<b>\$19,643</b>	<b>\$23,496</b>	<b>\$30,566</b>

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$94</b>			
<b>Comparable Water Rate</b>	<b>\$77</b>			
Net Connections (New + Current)	4,400	4,400	4,400	4,400
Cost-Share Percent	75%	75%	75%	75%
Local Share	\$0	\$9,126,250	\$10,639,000	\$15,779,500
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$9,126,250	\$10,639,000	\$15,779,500
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$10.49</b>	<b>\$12.23</b>	<b>\$18.14</b>
Local Share	\$0	\$36,505,000	\$42,556,000	\$63,118,000
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$36,505,000	\$42,556,000	\$63,118,000
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$41.97</b>	<b>\$48.93</b>	<b>\$72.57</b>

### Explanation of Results:

The sponsor preferred project is the "Raw Water Pipeline to Grafton and finished water from Grafton to Walsh" option. The present value cost of the preferred alternative is \$86,428,000 and the presented alternative for comparison is "Raw Water Pipeline to Grafton and expand existing Walsh Regional WTP" at a present value cost of \$103,381,000. The present value cost per user for the preferred alternative is \$19,643. The monthly user cost of the local share with DWR 75% cost-share participation is \$10.49 per month and \$41.97 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.

**WALSH RURAL WATER DISTRICT**

P. O. Box 309

Grafton, North Dakota 58237



August 15, 2025

Reice Haase  
Director, State Water Commission  
1200 Memorial Highway  
Bismarck ND 58504

**Re: WRWD: Walsh County Water Supply**

Dear Director Haase:

WRWD is applying for a North Dakota State Water Commission (ND SWC) Cost Share application for preconstruction dollars for the WRWD: Walsh County Water Supply Project. This phase of the project will include survey, initial easement assistance and archaeological/environmental. Walsh Rural Water District is working closely with Park River, Grafton and Minto to ensure a long viable water supply for all of Walsh County. This is a very important project for WRWD and we look forward to collaborating with the ND SWC to get this complete.

Thank you for your continued cooperation regarding the above referenced project. If you have any questions, please feel free to contact me at (701) 331-2563.

Sincerely,

A handwritten signature in black ink that reads "Brian Reilly".

Brian Reilly  
Walsh Rural Water District System Manager

c: Geoff Slick, Project Manager

**MEETING OF THE BOARD OF DIRECTORS  
OF  
WALSH RURAL WATER DISTRICT  
August 21, 2025**

A meeting of the Board of Directors of Walsh Rural Water District was held at 8:30AM at the Walsh Rural Water Office, Grafton ND on August 21, 2025. Board Members present Keith Nilson, Kit Midgarden, Wade Carlson, Jim Tallackson, Al Zidon. Also present were Brian Reilly, Janice Elshaug, Geoffrey Slick of AE2S.

President Nilson called for any additions or corrections to the Minutes. There being none, he declared the Minutes stand approved as read in notice.

Brian Reilly reviewed the June and July Financial Statements and Checks written 28120 through 28315 with the Board of Directors.

Geoffrey reviewed Walsh County Water Supply. Geoffrey presented the application to the State Water Commission for the environmental survey and land easements for the raw water supply. Al Zidon made a motion to approve submitting the application to the State Water Commission. Second, by Jim Tallackson. Motion Passed.

Geoffrey reviewed Lankin Water Supply.

Brian presented the lead and copper rule revision's lead service line inventory. AE2S will submit the updated inventory list and send mailers out to the customer's that haven't completed the survey.

There being no further business to come forward, President Nilson adjourned the Meeting.

Water Development Plan: Yes (2025)  
Plan Priority: Low

F 4

# 1086248 - City of Medora Pacific Avenue Water Main Replacement Construction - Copy

## Application Details

Funding Opportunity:	1085949-July 2025 - June 2026 Infrastructure Request
Funding Opportunity Due Date:	Jun 30, 2026 3:00 PM
Program Area:	Funding for Infrastructure in ND - FIND
Status:	Under Review
Stage:	Final Application
Initial Submit Date:	Jul 31, 2025 3:24 PM
Initially Submitted By:	Ivy Maus
Last Submit Date:	Aug 13, 2025 11:34 AM
Last Submitted By:	Camie Janikowski

## Contact Information

### Primary Contact Information

Active User*:	yes
Type:	External User
Name:	Ms. Camie J Janikowski
	Salutation First Name Middle Name Last Name
Title:	
Email*:	camiej@broszengineering.com
Address*:	109 S Main St
	Box 357
	Bowman North Dakota 58623
	City State/Province Postal Code/Zip
Phone*:	701-523-3340 8014
	Phone Ext.
	###-###-####
Fax:	###-###-####
Comments:	

### Organization Information

Status*:	Approved
Name*:	City of Medora
Organization Type*:	Municipal Government
Tax Id:	City of Medora
Organization Website:	



**Address\*:**

P.O. BOX418A

Medora North Dakota 58545-\_\_\_\_  
City State/Province Postal Code/Zip

**Phone\*:**

701-623-4828 Ext.  
### ### #####

**Fax:**

### ### #####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:**

Pacific Avenue Water Main Replacement Construction Projecct

**Sponsor(s)\*:**

City of Medora

**County\*:**

Billings

**City\*:**

Medora

**Description of Request\*:**

New

**Project Type:**

Municipal Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or  
Municipal Water Supply, What is the Name  
of the Water Supply Source?:**

**Jurisdictions/Stakeholders Involved\*:**

City of Medora

**Describe the Problem/Need and the  
Circumstances that Led to This  
Application\*:**

The existing water main is nearing the end of its useful life. North Dakota DOT has a road improvement project planned for Pacific Avenue in summer of 2025-2026 in the same area as the city water main. Coordinating this water main replacement with the DOT's road project will reduce the cost to the city and coordinate resources more efficiently.

**Describe the Proposed or Chosen  
Solution(s) to Address the Problem/Need\*:**

The City proposes to replace the water main along Pacific Avenue. This city water main installation will coordinated with the NDDOT surface improvements. The water main lies in the NDDOT right-of-way and the City will fund the new water main with minor surfacing improvements, resulting in cost savings. A development west of Medora across the Little Missouri River will be tied into the new 8" Main which is required to have the capacity to feed the development.

**Describe the Objectives or Goals Specific to  
This Application\*:**

To replace aged city water main infrastructure to minimize maintenance cost, provide a reliable source of drinking water to the city and to the millions of visitors to Medora each year. The goal is also to install this needed infrastructure improvement while the DOT has the area already under construction, to minimize traffic disturbance and to take collaborate resources and reduce the project cost for the city.

**Describe the Scope of Work or Project  
Activities Specific to This Application\*:**

The main is proposed to be replaced by boring a new main adjacent to the existing and completing minimal excavation to make re-connections.

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\*:

01/27/2023

Design Completion\*:

7/27/2025

Bid\*:

7/30/2025

Construction Start\*:

late 2025

Construction Completion\*:

October 2026

Explain Additional Timeline Issues\*:

This project is part of the DOT surfacing project, so implementation timeline will be reliant on the timeline of the DOT project.

Consulting Engineer\*:

Brosz Engineering

Engineer Direct Phone Number\*:

701-523-3340

Engineer Email\*:

[shannonh@broszengineering.com](mailto:shannonh@broszengineering.com)

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

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\*:

Ivy Maus 07/31/2025  
First Name Last Name Date

Title/Position/Authority\*:

City Auditor

Address\*:

PO Box 418A  
Address Line 1  
Address Line 2  
  
Medora North Dakota 58645-0000  
City State Zip Code

Direct Phone Number\*:

701-623-4828

Sponsor Email\*:

[ivy\\_maus@medorand.gov](mailto:ivy_maus@medorand.gov)

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

Yes

Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:

Ivy Maus  
First Name Last Name

Authorized Signor Title/Position:

City Auditor

Authorized Signor Email:

[ivy\\_maus@medorand.gov](mailto:ivy_maus@medorand.gov)

Authorized Signor Direct Phone Number:

701-623-4828

Provide the Name for One Additional Board Member, if Applicable:

Derwin Zuroff  
First Name Last Name

Additional Board Member Title/Position:

Mayor

Additional Board Member Email:

[derwin\\_zuroff@medorand.gov](mailto:derwin_zuroff@medorand.gov)

Additional Board Member Direct Phone Number:

701-876-9717

## Documentation

### Documentation

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

Yes

[CLICK HERE](#) to see examples.

### Project Specific Map

[Pacific Avenue Water Main - Map.pdf](#)

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

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** 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:** [Pacific Ave Main- letter of commitment minutes.pdf](#)

**Cover Letter:** [Pacific Ave Main- letter of commitment.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:** [revised sfn\\_61801\\_delineation\\_of\\_cost - Medora Pacific Avenue Replacement.xlsx](#)

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** [6-25-25\\_Medora\\_Pacific\\_Avenue\\_Water\\_Plan\\_Set\\_2501165.pdf](#)

**Is This a Water Supply Project?:** Yes

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

**Life Cycle Cost Analysis:** [revised life\\_cycle\\_cost\\_analysis\\_worksheet - Medora Pacific Avenue Replacement.xlsx](#)

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

**Asset Inventory Assessment:** [Basic Asset Inventory Tool - Medora Water - Pacific Ave Replacement.xlsx](#)

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

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

**Has a Feasibility/Engineering Study Been Completed for the Project?:** Yes

**Feasibility/Engineering Study Material:** [Appendix A\\_Wet Infrastructure Summary and Report PDF.pdf](#)

**Photos of Problem/Issue:**

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

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

**Other Applicable Document:** [BID TAB - 2501165 Medora Pacific Avenue Water.pdf](#)

**Other Applicable Document:**

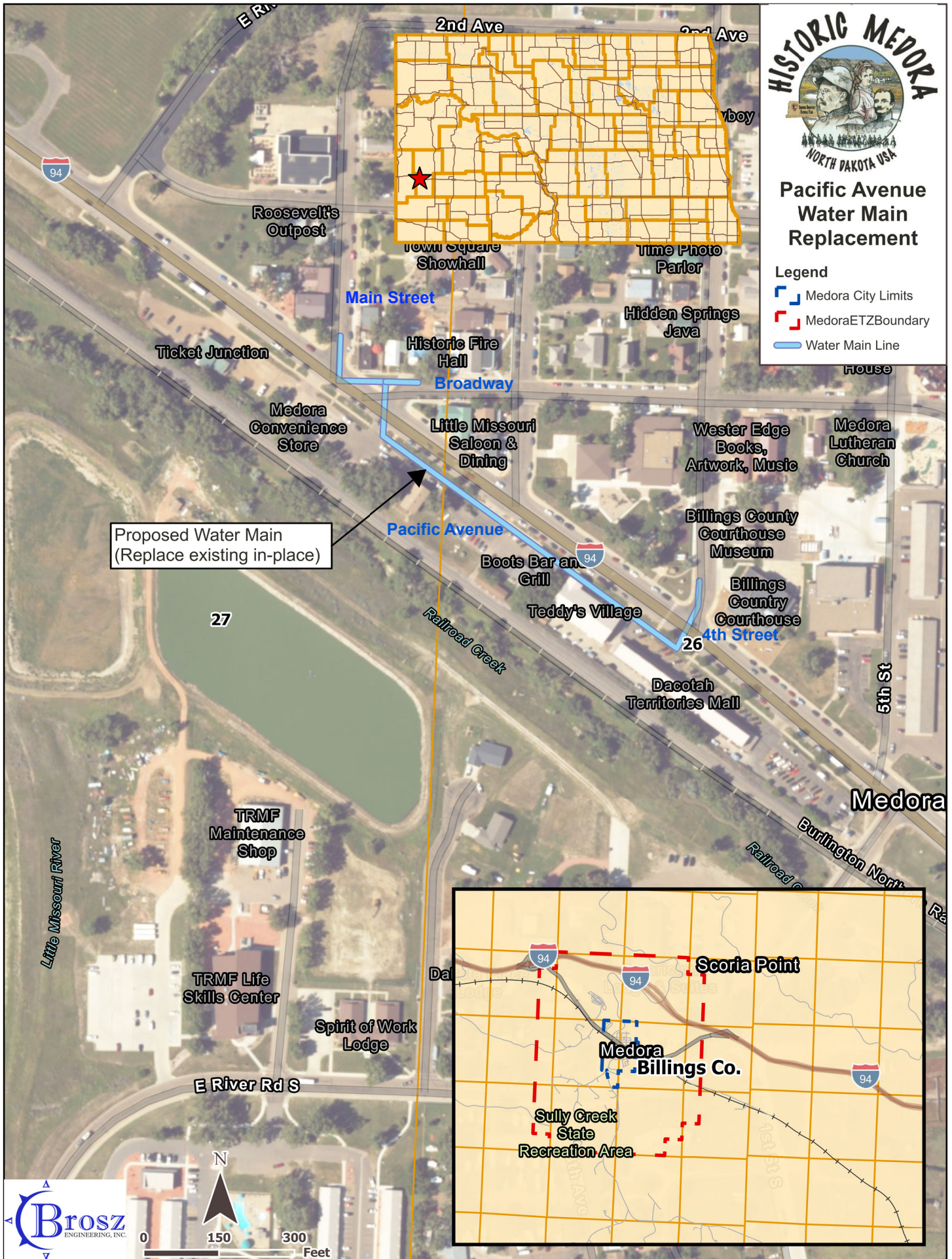
**Other Applicable Document:**

## 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
Previously Approved \$43,500.00			Current Request \$575,637.00						
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$619,137.00	\$0.00	\$619,137.00	Grant	0.00	0.00
Other	City of Medora	Already Approved	\$0.00	\$412,728.00	\$0.00	\$412,728.00		0.00	0.00
			\$0.00	\$1,031,865.00	\$0.00	\$1,031,865.00			







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

DWR Date Received : August 13, 2025

Project: Pacific Avenue Water Main Replacement  
Sponsor: City of Medora  
Contact: Ivy Maus, Auditor  
Phone: 701-623-4828  
Engineer: Shannon Hewson, Brosz Engineering Inc.  
Phone: 701-523-3340

Total Cost : \$ 1,031,895  
Ineligible Cost : \$ -  
Eligible Cost : \$ 1,031,895  
Local Cost : \$ 412,758

Date: August 12, 2025

Cost-Share \$  
\$ 619,137  
Preconstruction : \$ 43,500  
Construction : \$ 575,637

Project Type:

Cost-share %

Municipal Water Supply

60%

		Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
		<b>Construction Costs</b>						
1	3.5%	Mobilization	1	LS	30,670.00	\$ 30,670	60%	\$ 18,402
2	0.0%	Bonding	1	LS		\$ -	60%	\$ -
3	0.0%	Insurance	1	LS		\$ -	60%	\$ -
4	0.0%	Erosion Control	1	LS		\$ -	60%	\$ -
5	0.9%	Traffic Control	1	LS	8,325.00	\$ 8,325	60%	\$ 4,995
6	26.0%	Road Repair	1	LS	228,010.00	\$ 228,010	60%	\$ 136,806
7	1.7%	Curb and Gutter	1	LS	15,010.00	\$ 15,010	60%	\$ 9,006
8	1.2%	Sidewalk - Remove and Replace	66	SY	153.00	\$ 10,098	60%	\$ 6,059
9	1.1%	Gate Valve 6"	2	EA	4,715.00	\$ 9,430	60%	\$ 5,658
10	5.7%	Gate Valve 8"	9	EA	5,580.00	\$ 50,220	60%	\$ 30,132
11	2.1%	Hydrant	2	EA	9,310.00	\$ 18,620	60%	\$ 11,172
12	0.9%	Hydrant - Remove	2	EA	3,980.00	\$ 7,960	60%	\$ 4,776
13	5.9%	Water Service 1 in	745	LF	69.00	\$ 51,405	60%	\$ 30,843
14	0.4%	Water Service 2 in	34	LF	92.00	\$ 3,128	60%	\$ 1,877
15	1.6%	Water Main 6 in	107	LF	129.00	\$ 13,803	60%	\$ 8,282
16	3.0%	Water Main 8 in	187	LF	142.00	\$ 26,554	60%	\$ 15,932
17	3.1%	Connection to Existing Line	6	EA	4,465.00	\$ 26,790	60%	\$ 16,074
18	3.6%	Water Service Line Connection	10	EA	3,187.00	\$ 31,870	60%	\$ 19,122
19	23.5%	Water Main Bore & Push 8 in	965	LF	214.00	\$ 206,510	60%	\$ 123,906
20	2.6%	Bend	9	EA	2,511.00	\$ 22,599	60%	\$ 13,559
21	1.9%	Tee	6	EA	2,735.00	\$ 16,410	60%	\$ 9,846
22	1.7%	Coupler	6	EA	2,550.00	\$ 15,300	60%	\$ 9,180
23	0.6%	Reducer	2	EA	2,460.00	\$ 4,920	60%	\$ 2,952
24	0.0%		0		-	\$ -	60%	\$ -
25	0.0%		0		-	\$ -	60%	\$ -
26	0.0%		0		-	\$ -	60%	\$ -
		Construction Sub-Total				\$ 797,632	60%	\$ 478,579
		Contingency				\$ 79,763	60%	\$ 47,858
	85.0%	Construction Total				\$ 877,395	60%	\$ 526,437
		<b>Preconstruction Costs</b>						
27	3.4%	Preliminary Design	1	LS	30,000.00	\$ 30,000	60%	\$ 18,000
28	2.3%	Final Design	1	LS	20,000.00	\$ 20,000	60%	\$ 12,000
29	0.8%	Bidding / Negotiations	1	LS	7,000.00	\$ 7,000	60%	\$ 4,200
30	1.8%	Other Preconstruction Engineering	1	LS	15,500.00	\$ 15,500	60%	\$ 9,300
31	0.0%					\$ -	60%	\$ -
	7.0%	Preconstruction Total				\$ 72,500	60%	\$ 43,500
		<b>Construction Engineering Costs</b>						
32	7.6%	Project Inspection	1	LS	67,000.00	\$ 67,000	60%	\$ 40,200
33	1.7%	Other Construction Engineering	1	LS	15,000.00	\$ 15,000	60%	\$ 9,000
34	0.0%		0		-	\$ -	60%	\$ -
35	0.0%		0		-	\$ -	60%	\$ -
36	0.0%		0		-	\$ -	60%	\$ -
	7.9%	Construction Engineering Total				\$ 82,000	60%	\$ 49,200
		<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%	Other Eligible Total				\$ -	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%	Other Ineligible Total				\$ -	0%	\$ -
100.0%		Total				\$ 1,031,895		
		Eligible Total				\$ 1,031,895	60%	\$ 619,137
		Federal or State Funds That Supplant Costs				\$ -		
		Eligible Cost Total				\$ 1,031,895	60%	\$ 619,137

\* 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:**

Pacific Avenue Water Main Replacement

**Date:**

September 2, 2025

### Explanation of Alternatives:

No Build - This alternative would mean that no improvements would be made to the existing water system.  
Water Main Replacement - Replace existing water main with new PVC main.

### Inputs:

New Connections Served	0
Future Connections Served	0
Current Connections Served	140
Net Connections (New + Current)	140

Current CIF Balance	\$100,000
Annual CIF Contribution	\$20,000
Cash Funding Target (Percentage %) New Assets	35%
Cash Funding Target (Percentage %) Existing Assets	50%
Annual CIF Contribution suggested for the Project	\$744

	No Build	Water Main Replacement (Preferred)		
Construction Cost	\$0	\$707,700		
Annual O & M	\$15,000	\$500		

### Details:

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	No Build	Water Main Replacement (Preferred)		
Capital Costs	\$0	\$708,000		
O&M	\$414,000	\$0		
Repair, Rehab, Replacement	\$0	\$115,000		
Salvage Value	\$0	\$15,000		
<b>Total PVC</b>	<b>\$414,000</b>	<b>\$808,000</b>		
<b>PV Cost Per User</b>	<b>\$2,957</b>	<b>\$5,771</b>		

<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$50</b>		
<b>Comparable Water Rate</b>	<b>\$49</b>		
Net Connections (New + Current)	140	140	
Cost-Share Percent	60%	60%	
Local Share	\$0	\$283,200	
Other Funding	\$0	\$0	
Total Local	\$0	\$283,200	
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$10.23</b>	
Local Share	\$0	\$708,000	
Other Funding	\$0	\$0	
Total Local	\$0	\$708,000	
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$25.58</b>	

### Explanation of Results:

The sponsor preferred project is the "Water Main Replacement" option. The present value cost of the preferred alternative is \$808,000 and the presented alternative for comparison is "No Build" at a present value cost of \$414,000. The present value cost per user for the preferred alternative is \$5,771. The monthly user cost of the local share with DWR 60% cost-share participation is \$10.23 per month and \$25.58 without DWR participation.

ND Dept. of Commerce Population & Trends	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2020		
	112	124	1.1%	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.  
LCCA Version 1.2024.04.18





July 1, 2025

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


RE: City of Medora- Pacific Ave Water Main Replacement

To Whom It May Concern,

The City of Medora is currently to replace the existing water main along Pacific Avenue within the Community.

The City acknowledges that they are applying for cost share to the DWR. The total cost of the project is estimated at \$977,438.00, with a DWR share of \$586,463.00. 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 \$542,963.00.

Sincerely,



Derwin Zuroff, Mayor  
City of Medora

City of Medora  
Minutes of Regular Meeting  
July 1, 2025  
(Subject to Council review and approval)

Meeting was called to order at 7:00pm by Mayor Derwin Zuroff. Present were Council Members Tracy Sexton, Douglas Ellison, Clarence Sitter, Administrator Ivy Maus, City Engineer Shannon Hewson, and City Attorney Sandra Kuntz.

Minutes from June 3, 2025 were reviewed Sexton made a motion to approve the minutes from June 3, 2025, Johnson seconded. Motion passed unanimously.

**Department Reports**

**City Engineer Shannon Hewson** – Hewson updated the board on items/projects they are currently working on.

Sexton made a motion to approve Task Order #4 and #5 contingent on the development agreement being approved later tonight, Ellison seconded. Motion passed unanimously.

City Council acknowledges that are applying for a cost share, and the draft letter states commitment of funding and signing of letter. Johnson made a motion to move forward with the invitation to bid for the Pacific Avenue Water Main replacement contingent on the development agreement being approved later tonight, Sexton seconded. Motion passed unanimously.

**City Attorney Report** – Ellison moved to approve the second reading for ordinance 03-2025, Sitter seconded. Motion passed unanimously.

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

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

**Public Works Report** – Public Works Director Dell Beach presented his report to the board. Beach stated that the County wants to do a 50/50 share on a new fence around the propane tanks behind the Community Center. Beach was asked to obtain more information from the County.

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

**City Auditor's Report** – A written report was provided.



## Old Business

DOT Pacific Avenue Project Update – Mike Njos Project Engineer for Civil Science provided a written update on Pacific Ave Construction project.

TRMF Development Agreement – Johnson made a motion to approve the Theodore Roosevelt Medora Foundation West Side Development Agreement, Ellison seconded. Motion passed unanimously. Sitter abstained from voting due to conflict of interest.

## New Business

Local Gaming Permit 25-04 – Ellison made a motion to approve Local Gaming Permit 25-04, Sexton seconded. Motion passed unanimously.

Public Fireworks Permit 25-06 – Sexton made a motion to approve Public Fireworks Permit 25-06, Ellison seconded. Motion passed unanimously.

Sewer Line Grease Build up – Sexton made a motion to bring PACE out and clean the lift station and remove the camera from the PACE bid, Sitter seconded. Motion passed unanimously.

## Miscellaneous Business

Sitter updated the board on the pool shelter project and when that would potentially be starting. Discussion followed.

Sitter asked what the status is with getting audits caught up. Discussion followed.

## Financial Statements

523 AT&T Mobility	820.78	CL	9464	820.78
871 RTC Networks	804.53	CL	9476	804.53
330 ROUGHRIDER ELECTRIC COOP, INC	3383.19	CL	9472	3383.19
330 ROUGHRIDER ELECTRIC COOP, INC	1764.22	CL	9474	1764.22
330 ROUGHRIDER ELECTRIC COOP, INC	57.00	CL	9475	57.00
352 SOUTHWEST WATER AUTHORITY	60.49	CL	9504	60.49
354 SOUTHWESTERN DISTRICT HEALTH UNIT	25.00	CL	9466	25.00
286 ONE CALL CONCEPTS	9.00	CL	9481	9.00
352 SOUTHWEST WATER AUTHORITY	30244.52	CL	9499	30244.52
613 MENARDS-DICKINSON	207.54	CL	9456	207.54
613 MENARDS-DICKINSON	140.50	CL	9460	140.50
157 HAWKINS, INC.	314.53	CL	9478	314.53
20 ASSOCIATED SUPPLY Co., INC.	1230.71	CL	9487	1230.71
963 Chris Marman	200.00	CL	9479	200.00
906 Superior Spas & Water, LLC	162.00	CL	9498	162.00
917 Molly Robb	150.00	CL	9492	150.00
916 Kieva Brock	150.00	CL	9491	150.00

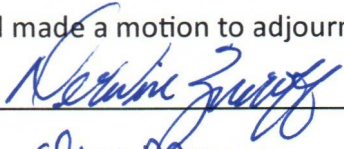
964 Colin Kuylen	150.00	CL	9490	150.00
815 BOSS OFFICE PRODUCTS	769.99	CL	9454	769.99
613 MENARDS-DICKINSON	24.42	CL	9455	24.42
135 FARMERS UNION	432.35	CL	9457	432.35
880 West River Conference of Social W	330.00	CL	9458	330.00
52 BNSF RAILWAY COMPANY	2348.60	CL	9459	2348.60
364 STEIN'S, INC	643.86	CL	9461	643.86
73 CHILLER SYSTEMS, INC	1853.68	CL	9462	1853.68
333 RUDY'S LOCK & KEY	348.00	CL	9463	348.00
613 MENARDS-DICKINSON	42.44	CL	9465	42.44
409 WORKFORCE SAFETY & INSURANCE	155.22	CL	9467	155.22
921 Brosz Engineering, Inc.	23180.00	CL	9470	23180.00
555 Total Safety U.S., Inc.	152.50	CL	9471	152.50
226 MID-AMERICAN RESEARCH CHEMICAL	1532.74	CL	9477	1532.74
554 O'Brien Oilfield Service, LLC	324.93	CL	9480	324.93
962 VESTIS	0.00			
791 FIRST STATE BANK	5673.24	CL	9485	5673.24
557 Legal Edge Solutions, PLLC	8865.00	CL	9486	8865.00
363 STEFFAN SAW AND BIKE	100.97	CL	9488	100.97
900 SAX MOTOR CO.	194.28	CL	9489	194.28
Check not processed in this period	0.00			
Check not processed in this period	0.00			
Check not processed in this period	0.00			
931 ALEX AIR APPARATUS 2, LLC	862.18	CL	9493	862.18
962 VESTIS	810.75	CL	9494	810.75
223 MEDORA CONVENIENCE & LIQUORS	33.11	CL	9495	33.11
815 BOSS OFFICE PRODUCTS	54.95	CL	9496	54.95
315 RAILROAD MANAGEMENT CO III, LLC	417.05	CL	9497	417.05
836 G&G GARBAGE	1070.00	CL	9503	1070.00
261 NDLC	371.00	CL	9502	371.00
631 Perry Roofing	450.00	CL	9501	450.00
897 GS Publishing, LLC	413.00	CL	9500	413.00
AFLAC2	586.28			
DEFERRED COMP	2352.50			
DENTAL INSURANC	3205.86			
FIT	31107.97			
GROUP TERM LIFE	37434.70			
NDPERS PUBLIC S	8509.81			
NDPERS RETIRMEN	10100.52			
SIT	1314.07			
VISION INSURANC	329.09			

**Payroll for June \$36,995.44**

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

**Deadline for Zoning Applications is Thursday July 3, 2025 @ 12:00pm, Zoning meeting on Tuesday July 15, 2025 @ 6:00pm. Deadline for Council Agenda items Friday July 25, 2025 @ 12:00pm, Next Council Meeting Tuesday August 5, 2025 @ 7:00pm.**

Council made a motion to adjourn at 8:00pm.

Attest  Derwin Zuroff, Mayor

Attest  Ivy Maus, Auditor

**Water Development Plan: Yes (2025)****Plan Priority: High****G 1**

# 1085984 - Red River Valley Water Supply Project 2025-27 Biennium - \$73.33M Increase

## Application Details

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<b>Funding Opportunity:</b>	<b>Initial Submit Date:</b>	Jun 27, 2025 4:11 PM
1084196-October 2024 - June 2025 Infrastructure Request	<b>Initially Submitted By:</b>	Abby Ritz
<b>Funding Opportunity Due Date:</b>	<b>Last Submit Date:</b>	
Jun 30, 2025 3:00 PM	<b>Last Submitted By:</b>	
<b>Program Area:</b>		
Funding for Infrastructure in ND - FIND		
<b>Status:</b>		Submitted
<b>Stage:</b>		Final Application

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Merri  
First Name

Middle Name Mooridian  
Last Name

**Title:**

**Email\*:** merrim@gdcd.org

**Address\*:** PO Box 140

### Organization Information

**Status\*:** Approved

**Name\*:** Garrison Diversion Conservancy District

**Organization Type\*:** Political Subdivision

**Tax Id:** 456004929

**Organization Website:** http://www.garrisondiv.org

**Address\*:** 401 Hwy 281 NE

	Carrington	North Dakota		Carrington	North Dakota
	City	State/Province		City	State/Province
58421			58421-0140		
Postal Code/Zip			Postal Code/Zip		
<b>Phone*:</b>	(701) 320-1904	Ext.	<b>Phone*:</b>	(701) 650-6194	Ext.
	Phone			###-###-####	
	###-###-####		<b>Fax:</b>	(701) 652-3195	
<b>Fax:</b>	###-###-####			###-###-####	
<b>Comments:</b>			<b>Vendor ID:</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*

<b>Project, Program, or Study Name*:</b>	Red River Valley Water Supply Project 2025-27 Biennium
<b>Sponsor(s)*:</b>	Garrison Diversion Conservancy District
<b>County*:</b>	Foster
<b>City*:</b>	Carrington
<b>Description of Request*:</b>	New
<b>If Study, What Type:</b>	
<b>If Project/Program, What Type:</b>	Rural Water Supply
<b>Jurisdictions/Stakeholders Involved*:</b>	
	Agassiz Water Users District, Carrington, Cass Rural WD, Cooperstown, Dickey County, East Central Regional WD, Fargo, Grafton, Grand Forks, Hillsboro, Jamestown, Lamoure County, Lisbon, Mayville,



McLean Sheridan RWD, Richland County, Sargent County, Southeast Water UD, Valley City, Wahpeton, Walsh Rural WD, Washburn, West Fargo

**Describe the Problem\*:**

Lack of water during drought periods and industrial development.

This project is designed to take Missouri River water, provide treatment and utilize a combination of pumping and gravity to convey water to a discharge structure on the Sheyenne River. Lake Ashtabula will be used as a regulating reservoir for downstream users. The project uses infrastructure throughout the project area to create an efficient method to convey water to hundreds of thousands of residents in ND.

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

Dozens of water systems throughout eastern North Dakota (ND) draw their water from the Red River and its tributaries which has been vulnerable to severe drought conditions. Additionally, long-term ground water supplies throughout the project service area are limited in their ability to serve long-term growth and industrial development. The RRVWSP is intended to provide emergency water supply to approx. 50 percent of ND's population by delivering Missouri River water to cities and water systems. This request is primarily for the construction of Pipeline Contract 7a and the design of specific ENDAWS facilities including utility extensions to the WTP site and subsurface McClusky Canal intake features.

**For this project,**

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

**What is the Current  
Estimated Population\*:** 470000

**For this project,**

**What is the Benefited  
Population\*:** 470000

**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\*:** 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):**

US Army Corp of Engineers-Nationwide Permit 12

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

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

Sovereign Land Permit  
Water Appropriations Permit  
Highway Permit  
NDPDES Permit

**Have You Applied for any State Permits?\*** Yes

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

Sovereign Lands Permit  
Water Appropriations Permit  
Highway Permit  
NDPDES Permit

**Have You Been Approved for any State Permits?:** Yes

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

Sovereign Lands Permit-Office of State Engineer- S-2083-Rec'd June 2019  
Water Appropriations Permit-Office of the State Engineer-Permit 1416A-Rec'd April 2019  
Highway Permit-Permit for crossing US 52/US281-Tracking Number 3-052-224.4542-Rec'd May 2020  
NDPDES Permit-DEQ-Received August 2020-Permit No.ND0026964

**Have You Applied for any Local Permits?\***: Ongoing

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

Working with Griggs County

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: Yes

**If Yes, Please Explain:**

Land acquisition is still ongoing for the full project extent but is on track and no serious obstacles are expected. All land is secured for this biennium's construction projects.

**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\***: Complete

**Design Completion\***: Ongoing

**Bid\***: 09/07/2025

**Construction Start\***: 11/03/2025

**Construction Completion\***: 12/01/2033

**Explain Additional Timeline Issues\***:

The project is a cost share project with 75% of the funding from the State of North Dakota through the State Water Commission and 25% cost share from the local participants of the project. This loan is for the 25% cost share. Project contracts are awarded as funding from the state is approved. The total timeline of the project will be determined by the timing of the state funds.

**Consulting Engineer\*:** Paul Boersma, Black & Veatch  
**Engineer Telephone Number\*:** 414-455-1606  
**Engineer Email\*:** BoersmaPM@BV.com

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

**Submitted by\*:** Merri Mooridian 06/30/2025  
First Name Last Name Date

**Address\*:** PO Box 140  
Address Line 1  
Address Line 2  
Carrington North Dakota 58421-0140  
City State Zip Code

**Telephone Number\*:** 701-652-3194

**Sponsor Email\*:** merrim@gdcd.org

**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\*:** Merri Mooridian 06/30/2025  
First Name Last Name Date

**Title/Position/Authority\*:** Deputy Program 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** RRVWSP - 2025-2027 Bien Workplan Map - Final.pdf

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

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** 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:** GDCCD Resolution 55M SWC Request 6.19.25.pdf

**Cover Letter:** SWC Cost Share Request 55M 6.27.25.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:** RRVWSP 25-27 Increase 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:** RRVWSP 25-27 Increase LCCA 2.xlsx

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

**Asset Inventory Assessment:** RRVWSP BAIA Attachment.pdf

**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:** WIRLF 18.33M Request Cover Letter 6.27.25.pdf

**Other Applicable Document:** LAWA Resolution 55M Request 6.26.25.pdf

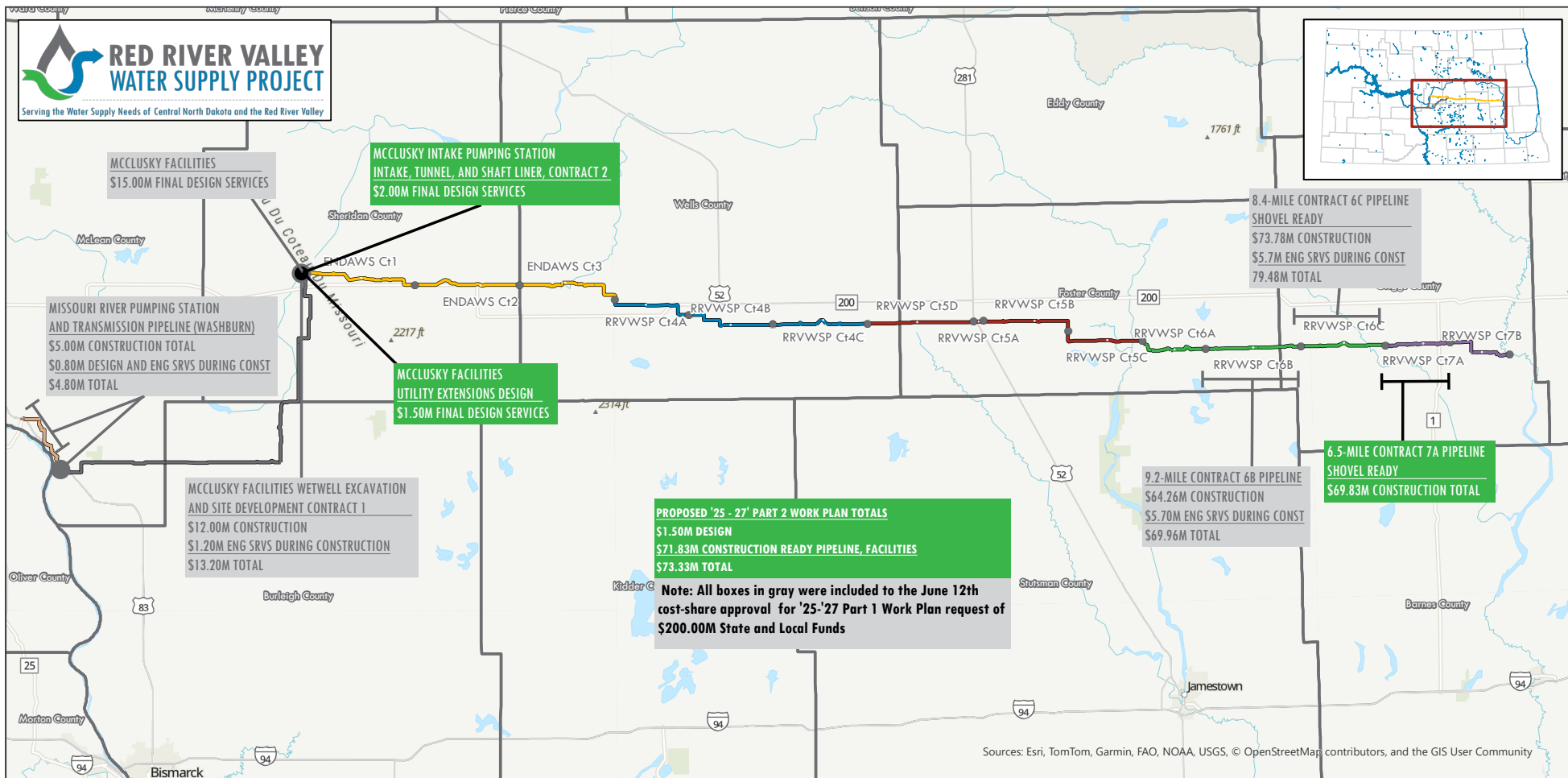
**Other Applicable Document:**

## Sources

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

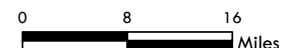
Source	If Other, Specify Funding Source	Source Status	State Fiscal Year	State Fiscal Year	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
			1 July to June	2 July to June					
Department of Water Resources Cost Share Construction			\$0.00	\$0.00	\$55,000,000.00	\$55,000,000.00		0.00	0.00
Water Infrastructure Revolving Loan Fund			\$0.00	\$0.00	\$18,330,000.00	\$18,330,000.00		0.00	0.00
Department of Water Resources Cost Share Construction		Already Approved	\$0.00	\$0.00	\$150,000,000.00	\$150,000,000.00		0.00	0.00
Water Infrastructure Revolving Loan Fund		Already Approved	\$0.00	\$0.00	\$50,000,000.00	\$50,000,000.00		0.00	0.00
			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$273,330,000.00</b>	<b>\$273,330,000.00</b>			



## RRVWSP 2025 TO 2027 BIENNIUM WORK PLAN

### PIPELINE CONTRACT (STATUS)

- MRI to Washburn WTP (PREVIOUS '25-'27 FUNDING REQUEST)
- Phase 2 Pipeline Route (FUTURE)
- ENDAWS Pipeline 1, 2, 3 (FUTURE)
- RRVWSP Pipeline 4A, 4B, 4C (FUTURE)
- RRVWSP Pipeline 5A (COMPLETE), 5B, 5C, 5D (UNDER CONTRACT)
- RRVWSP RRTP Pipeline 6A (UNDER CONTRACT)
- RRVWSP RRTP Pipeline 6B, 6C (PREVIOUS '25-'27 FUNDING REQUEST)
- RRVWSP RRTP Pipeline 7A (CURRENTLY REQUESTING FUNDS), 7B (FUTURE)



Date: 6/20/2025



Edited by: RYVdrazl  
Coordinate System: UTM Zone 14N  
W:\B\Black & Veatch\00200-2023-026\GIS\RRVWSP2023-25 Prgm Mgmt Svs TO1510 - SWC Cost Share.aprx



**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (5/2025)

DWR Date Received : June 30, 2025

**Project:** Red River Valley Water Supply Project  
**Sponsor:** Garrison Diversion Conservancy District  
**Contact:** Merri Mooradian, Administrative Officer  
**Phone:** 701-652-3194  
**Engineer:** Paul Boersma, B&V  
**Phone:** 414-455-1606

**Total Cost :** \$ 273,333,333  
**Ineligible Cost :** \$ -  
**Eligible Cost :** \$ 273,333,333  
**Local Cost :** \$ 68,333,333

**Date:** June 27, 2025

**Cost-Share \$**  
\$ 205,000,000  
**Preconstruction :** \$ 14,175,000  
**Construction :** \$ 190,825,000

**Project Type:**

**Cost-share %**

Water Supply - Regionalization

75%

		Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
		<b>Construction Costs</b>						
1	0.0%	Mobilization			-	-	75%	\$ -
2	0.0%	Bonding			-	-	75%	\$ -
3	0.0%	Insurance			-	-	75%	\$ -
4	0.0%				-	-	75%	\$ -
5	0.0%				-	-	75%	\$ -
6	0.0%				-	-	75%	\$ -
7	0.0%				-	-	75%	\$ -
8	0.0%				-	-	75%	\$ -
9	0.0%				-	-	75%	\$ -
10	0.0%	Current Request			-	-	75%	\$ -
11	26.3%	Transmission Pipeline Contract 7A	1	LS	59,820,000.00	\$ 59,820,000	75%	\$ 44,865,000
12	0.0%	Contingency Adjustment	1	LS	(1,516,969.69)	-\$ 1,516,970	75%	-\$ 1,137,727
13	0.0%		0		-	-	75%	\$ -
14	0.0%	Previously Awarded Scope			-	-	75%	\$ -
15	60.7%	Transmission Pipeline Contract 6B, 6C	1	LS	138,040,000.00	\$ 138,040,000	75%	\$ 103,530,000
16	1.8%	MO River PS, TM, and Utilities	1	LS	4,000,000.00	\$ 4,000,000	75%	\$ 3,000,000
17	5.3%	McClusky Wetwell and Site Developmer	1	LS	12,000,000.00	\$ 12,000,000	75%	\$ 9,000,000
18	0.0%	Contingency Adjustment	1	LS	(5,467,272.73)	-\$ 5,467,273	75%	-\$ 4,100,455
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>				\$ 206,875,758	75%	\$ 155,156,818
	10.0%	<b>Contingency</b>				\$ 20,687,576	75%	\$ 15,515,682
	83.3%	<b>Construction Total</b>				\$ 227,563,333	75%	\$ 170,672,500
		<b>Preconstruction Costs</b>						
27	1.5%	Final Design - McClusky Facilities - Addi	1	LS	3,500,000.00	\$ 3,500,000	75%	\$ 2,625,000
28	0.0%				-	-	75%	\$ -
29	6.8%	Previously Approved Final Design	1	LS	15,400,000.00	\$ 15,400,000	75%	\$ 11,550,000
30	0.0%		0		-	-	75%	\$ -
31	0.0%		0		-	-	75%	\$ -
	6.9%	<b>Preconstruction Total</b>				\$ 18,900,000	75%	\$ 14,175,000
		<b>Construction Engineering Costs</b>						
32	2.5%	Construction Engineering - Transmission	1	LS	5,700,000.00	\$ 5,700,000	75%	\$ 4,275,000
33	0.0%				-	-	75%	\$ -
34	5.7%	Previously Approved Construction Engin	1	LS	13,000,000.00	\$ 13,000,000	75%	\$ 9,750,000
35	0.0%		0		-	-	75%	\$ -
36	0.0%		0		-	-	75%	\$ -
	6.8%	<b>Construction Engineering Total</b>				\$ 18,700,000	75%	\$ 14,025,000
		<b>Other Eligible Costs</b>						
37	3.0%	Previously Approved Other Eligible Item	1	LS	8,170,000.00	\$ 8,170,000	75%	\$ 6,127,500
38	0.0%		0		-	-	75%	\$ -
39	0.0%		0		-	-	75%	\$ -
40	0.0%		0		-	-	75%	\$ -
41	0.0%		0		-	-	75%	\$ -
	3.0%	<b>Other Eligible Total</b>				\$ 8,170,000	75%	\$ 6,127,500
		<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>				\$ 273,333,333		
		<b>Eligible Total</b>				\$ 273,333,333	75%	\$ 205,000,000
		<b>Federal or State Funds That Supplant Costs</b>				\$ -		
		<b>Eligible Cost Total</b>				\$ 273,333,333	75%	\$ 205,000,000

\* 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.



GARRISON DIVERSION  
CONSERVANCY DISTRICT  
P.O. Box 140  
CARRINGTON, N.D. 58421  
(701) 652-3194  
gdcd@gdcd.org  
www.garrisondiversion.org

June 27, 2025

Reice Haase, Secretary  
North Dakota State Water Commission  
1200 Memorial Highway  
Bismarck ND 58504

Dear Reice:

The Red River Valley Water Supply Project (RRVWSP) is designed to meet the current and future water supply needs of users in central and eastern North Dakota. This critical infrastructure project will provide drought resiliency and economic development benefits to nearly half of North Dakota.

To move the RRVWSP forward as quickly and efficiently as possible, we are currently requesting \$55 million, an increase from the previously approved \$150 million cost-share for the RRVWSP in the 2025-2027 Department of Water Resources budget. The funds will primarily be used to construct a 6.5-mile section of the 72" main transmission line, design of the McClusky Canal Intake Tunnel and Shaft Liner, and for design of utility extensions to the McClusky facilities.

Thank you for your support of the RRVWSP. Please consider this letter our request to the Department of Water Resources to release an additional \$55 million to continue construction of this large-scale water supply project for central and eastern North Dakota.

Sincerely,

Duane DeKrey, General Manager  
Garrison Diversion Conservancy District





GARRISON DIVERSION  
CONSERVANCY DISTRICT  
P.O. Box 140  
CARRINGTON, N.D. 58421  
(701) 652-3194  
gdcd@gdcd.org  
www.garrisondiversion.org

June 27, 2025

Governor Kelly Armstrong  
Chairman – North Dakota State Water Commission  
1200 Memorial Highway  
Bismarck ND 58504

Dear Governor Armstrong:

Please accept this letter as our formal request for loan eligibility from the State's water financing loan program created under H.B. 1431 in the 67<sup>th</sup> Legislative Assembly. H.B. 1431 directs that the State Water Commission (SWC) shall approve eligible water supply projects for loans from the Water Infrastructure Revolving Loan Fund (WIRLF) in consideration of the following criteria:

**Nature and Description of the Proposed Project:** The Red River Valley Water Supply Project (RRVWSP) is a 125-mile long, 72-inch steel pipeline with a capacity of 165 cubic feet per second (cfs). The Project is designed to convey emergency and supplemental water supply from the Missouri River to water systems throughout central and eastern North Dakota.

**Estimated Cost of Project:** Utilizing the Eastern North Dakota Alternate Water Supply (ENDAWS) alternative, the total project is estimated at \$1.4 billion in nominal\$. From the inception of the Project Development Agreement in 2016, State and Local funds approved to date (through June 12, 2025) for the project have totaled \$565,644,549.

**Loan Funding Requested:** The Garrison Diversion Conservancy District (GDCCD) is requesting an *\$18,333,000 increase to our previously approved \$50,000,000 loan request*, from the WIRLF. Proceeds of the loan will be used for the 25 percent local cost-share of the RRVWSP.

**Other Funding Sources:** In addition to the WIRLF loan being requested, GDCCD is also making application at this time for 75 percent cost-share of \$55,000,000 from the State Water Commission, which will increase the total cost-share for the 25-27 biennium to \$205,000,000.

**Benefit of the Project to the State and Service Area:** The RRVWSP will provide an emergency and supplemental water supply to central and eastern North Dakota during times of water scarcity to protect public health, ensure ongoing economic vitality, and provide for environmental benefits in the river systems throughout the project service area.

Financing through the WIRLF is an extremely important funding tool for the success of the RRVWSP, and we sincerely appreciate your consideration of our request. If you have any questions or require further information, please don't hesitate to contact Merri Mooridian at [merrim@gdcd.org](mailto:merrim@gdcd.org) or by phone at (701) 652-3194.

Sincerely,

Duane DeKrey, General Manager  
Garrison Diversion Conservancy District

cc: Reice Haase, Director, ND Department of Water Resources

**TO:** Governor Kelly Armstrong  
Members of the State Water Commission

**FROM:** Kylee Merkel, Bank of North Dakota

**SUBJECT:** Water Infrastructure Revolving Loan Fund Request  
Garrison Diversion Conservancy District

**DATE:** July 1, 2025

The Garrison Diversion Conservancy District (District) is requesting a \$18,330,000 increase to an existing loan (from \$50,000,000 to \$68,330,000), with a 40-year repayment term, from the Water Infrastructure Revolving Loan Fund. Proceeds of the loans will be used for the 25% local cost share of the Red River Valley Water Supply project. The table below shows the estimated sources and uses of funding for the request.

Sources			Uses		
WIRLF Loan	\$50,000,000	18.3%	Planning & Design	\$18,900,000	6.9%
WIRLF Loan Increase	\$18,330,000	6.7%	Construction	\$227,560,000	83.3%
DWR Cost-Share	\$150,000,000	54.9%	Engineering	\$18,700,000	6.8%
DWR Cost-Share Increase	\$55,000,000	20.1%	Miscellaneous	\$8,170,000	3.0%
<b>Total</b>	<b>\$273,330,000</b>	<b>100%</b>	<b>Total</b>	<b>\$273,330,000</b>	<b>100%</b>

The total loan amount requested by the district is the amount of local cost share required to match the total \$205,000,000 cost-share grant also being requested. The loan will be evidenced by a Financing Resolution which will be executed by the District, Lake Agassiz Water Authority, and current project participants. The current nominations and project participants include the Cities of Fargo, Grand Forks, Carrington, Cooperstown, Hillsboro, Mayville and Valley City.

The loan allocation and approval are contingent upon the Financing Resolution and repayment provisions being approved by BND and BND Counsel and fully executed by all parties. Based on the financing resolution, the project has estimated debt service capacity to service both the existing debts and the current amount being requested.

In coordination with BND and BND Counsel, the District has requested a modified repayment term to include:

- Two years no payments
- Three years interest only payments
- Thirty-five years of gradually increasing principal and interest payments

This correspondence should not be considered an approval of a loan. Following the recommendation of a loan amount from the Water Infrastructure Revolving Loan Fund by the State Water Commisison, the Bank of North Dakota (BND) will proceed with formally reviewing and approving the loan in accordance with BND loan policy.

The Water Infrastructure Revolving Loan Fund currently has \$19,700,635 of capacity available for new loan commitments. The amount is comprised of cash on hand, access to a \$100 million line of credit at the Bank of North Dakota and legislative appropriation of \$40 million.

**A Resolution of the Board of Directors of the Lake Agassiz Water Authority (LAWA) Approving  
the Submittal of an Application to the Department of Water Resources and State Water  
Commission**

**WHEREAS**, the Lake Agassiz Water Authority (LAWA) is committed to ensuring the completion of the Red River Valley Water Supply Project (RRVWSP); and

**WHEREAS**, the Department of Water Resources and State Water Commission provide funding opportunities to support water resource projects that align with state and regional water management goals; and

**WHEREAS**, HB1020 designated funding in the amount of \$205,000,000 in the 2025-2027 biennium for the RRVWSP, of which \$150,000,000 was requested from the State Water Commission and of which \$55,000,000 remains to be approved for disbursement; and

**WHEREAS**, LAWA has engaged qualified consultants to prepare an application for funding to the Department of Water Resources and State Water Commission; and

**WHEREAS**, the LAWA Board of Directors has reviewed the 2025-2027 RRVWSP work plan as part of the application prepared by the consultants and finds it to be in the best interest of LAWA and the communities it serves.

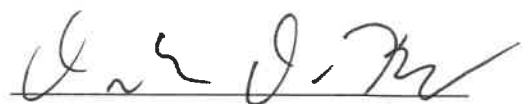
**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Lake Agassiz Water Authority as follows:

1. **Approval of Application:** The Board of Directors hereby approves the submittal of the application prepared by the consultants to the Department of Water Resources and State Water Commission for the remainder of the 2025-2027 biennium RRVWSP funding.
2. **Authorization to Submit:** The General Manager, or its designee, is hereby authorized and directed to submit the application on behalf of LAWA and to take any necessary actions to complete the application process.
3. **Effective Date:** This resolution shall take effect immediately upon its adoption.

PASSED AND ADOPTED by the Board of Directors of the Lake Agassiz Water Authority on this 26th day of June, 2025.



Tim Mahoney, Chairperson  
Board of Directors  
Lake Agassiz Water Authority



Duane DeKrey, Secretary/Treasurer  
Board of Directors  
Lake Agassiz Water Authority

## RESOLUTION

**WHEREAS**, the Garrison Diversion Conservancy District (Garrison Diversion) is committed to completing the Red River Valley Water Supply Project (RRVWSP) to benefit 50 percent of North Dakota's population; and

**WHEREAS**, the Department of Water Resources and State Water Commission provide funding opportunities to support water resource projects aligning with state and regional water management goals; and

**WHEREAS**, HB1020 designated funding in the amount of \$205,000,000 in the 2025-2027 biennium for the RRVWSP of which \$150,000,000 was requested from the State Water Commission and \$55,000,000 remains to be approved for disbursement.

**WHEREAS**, the Garrison Diversion Board of Directors has reviewed the 2025-2027 RRVWSP Work Plan,

**NOW, THEREFORE, BE IT RESOLVED** by the Garrison Diversion Board of Directors as follows:

1. **Approval of Application:** Garrison Diversion's Executive Committee hereby approves submittal of the second application to the Department of Water Resources and State Water Commission requesting the remaining \$55,000,000 in funding appropriated by the state legislature for the RRVWSP.
2. **Authorization to Submit:** The General Manager, or his designee, is hereby authorized and directed to submit the second application on behalf of Garrison Diversion and to take the necessary actions to complete the application process.
3. **Effective Date:** This resolution shall take effect immediately upon its adoption.

**PASSED AND ADOPTED** by the Garrison Diversion Executive Committee on this 19th day of June 2025.

  
Greg Bischoff, Acting Chairman

  
Duane DeKrey, Secretary



**Water Development Plan: Yes (2025)**  
**Plan Priority: High****G 2**

# 1085984 - Red River Valley Water Supply Project

## 2025-27 Biennium - \$73.33M Increase

### Application Details

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<b>Funding Opportunity:</b>	<b>Initial Submit Date:</b>	Jun 27, 2025 4:11 PM
1084196-October 2024 - June 2025 Infrastructure Request	<b>Initially Submitted By:</b>	Abby Ritz
<b>Funding Opportunity Due Date:</b>	<b>Last Submit Date:</b>	
Jun 30, 2025 3:00 PM	<b>Last Submitted By:</b>	
<b>Program Area:</b>		
Funding for Infrastructure in ND - FIND		
<b>Status:</b>		Submitted
<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 Merri First Name
Middle Name	Mooridian
	Last Name
<b>Title:</b>	
<b>Email*:</b>	merrim@gdcd.org
<b>Address*:</b>	PO Box 140

#### Organization Information

<b>Status*:</b>	Approved
<b>Name*:</b>	Garrison Diversion Conservancy District
<b>Organization Type*:</b>	Political Subdivision
<b>Tax Id:</b>	456004929
<b>Organization Website:</b>	http://www.garrisondiv.org
<b>Address*:</b>	401 Hwy 281 NE

	Carrington North Dakota		Carrington North Dakota
	City State/Province		City State/Province
58421		58421-0140	
Postal Code/Zip		Postal Code/Zip	
<b>Phone*:</b>	(701) 320-1904 Ext.	<b>Phone*:</b>	(701) 650-6194 Ext.
	Phone		###-###-####
	###-###-####	<b>Fax:</b>	(701) 652-3195
<b>Fax:</b>	###-###-####		###-###-####
<b>Comments:</b>		<b>Vendor ID:</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*

<b>Project, Program, or Study Name*:</b>	Red River Valley Water Supply Project 2025-27 Biennium
<b>Sponsor(s)*:</b>	Garrison Diversion Conservancy District
<b>County*:</b>	Foster
<b>City*:</b>	Carrington
<b>Description of Request*:</b>	New
<b>If Study, What Type:</b>	
<b>If Project/Program, What Type:</b>	Rural Water Supply
<b>Jurisdictions/Stakeholders Involved*:</b>	
	Agassiz Water Users District, Carrington, Cass Rural WD, Cooperstown, Dickey County, East Central Regional WD, Fargo, Grafton, Grand Forks, Hillsboro, Jamestown, Lamoure County, Lisbon, Mayville,

McLean Sheridan RWD, Richland County, Sargent County, Southeast Water UD, Valley City, Wahpeton, Walsh Rural WD, Washburn, West Fargo

**Describe the Problem\*:**

Lack of water during drought periods and industrial development.

This project is designed to take Missouri River water, provide treatment and utilize a combination of pumping and gravity to convey water to a discharge structure on the Sheyenne River. Lake Ashtabula will be used as a regulating reservoir for downstream users. The project uses infrastructure throughout the project area to create an efficient method to convey water to hundreds of thousands of residents in ND.

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

Dozens of water systems throughout eastern North Dakota (ND) draw their water from the Red River and its tributaries which has been vulnerable to severe drought conditions. Additionally, long-term ground water supplies throughout the project service area are limited in their ability to serve long-term growth and industrial development. The RRVWSP is intended to provide emergency water supply to approx. 50 percent of ND's population by delivering Missouri River water to cities and water systems. This request is primarily for the construction of Pipeline Contract 7a and the design of specific ENDAWS facilities including utility extensions to the WTP site and subsurface McClusky Canal intake features.

**For this project,**

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

**What is the Current  
Estimated Population?\*** 470000

**For this project,**

**What is the Benefited  
Population?\*** 470000

**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?\*** 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):**

US Army Corp of Engineers-Nationwide Permit 12

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

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

Sovereign Land Permit  
Water Appropriations Permit  
Highway Permit  
NDPDES Permit

**Have You Applied for any State Permits?\*** Yes

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

Sovereign Lands Permit  
Water Appropriations Permit  
Highway Permit  
NDPDES Permit

**Have You Been Approved for any State Permits?:** Yes

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

Sovereign Lands Permit-Office of State Engineer- S-2083-Rec'd June 2019  
Water Appropriations Permit-Office of the State Engineer-Permit 1416A-Rec'd April 2019  
Highway Permit-Permit for crossing US 52/US281-Tracking Number 3-052-224.4542-Rec'd May 2020  
NDPDES Permit-DEQ-Received August 2020-Permit No.ND0026964

**Have You Applied for any Local Permits?\***: Ongoing

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

Working with Griggs County

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: Yes

**If Yes, Please Explain:**

Land acquisition is still ongoing for the full project extent but is on track and no serious obstacles are expected. All land is secured for this biennium's construction projects.

**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\***: Complete

**Design Completion\***: Ongoing

**Bid\***: 09/07/2025

**Construction Start\***: 11/03/2025

**Construction Completion\***: 12/01/2033

**Explain Additional Timeline Issues\***:

The project is a cost share project with 75% of the funding from the State of North Dakota through the State Water Commission and 25% cost share from the local participants of the project. This loan is for the 25% cost share. Project contracts are awarded as funding from the state is approved. The total timeline of the project will be determined by the timing of the state funds.



**Consulting Engineer\*:** Paul Boersma, Black & Veatch  
**Engineer Telephone Number\*:** 414-455-1606  
**Engineer Email\*:** BoersmaPM@BV.com

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

**Submitted by\*:** Merri Mooridian 06/30/2025  
First Name Last Name Date

**Address\*:** PO Box 140  
Address Line 1  
Address Line 2  
Carrington North Dakota 58421-0140  
City State Zip Code

**Telephone Number\*:** 701-652-3194

**Sponsor Email\*:** merrim@gdcd.org

**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\*:** Merri Mooridian 06/30/2025  
First Name Last Name Date

**Title/Position/Authority\*:** Deputy Program 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** RRVWSP - 2025-2027 Bien Workplan Map - Final.pdf

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

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** 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:** GDCCD Resolution 55M SWC Request 6.19.25.pdf

**Cover Letter:** SWC Cost Share Request 55M 6.27.25.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:** RRVWSP 25-27 Increase 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:** RRVWSP 25-27 Increase LCCA 2.xlsx

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

**Asset Inventory Assessment:** RRVWSP BAIA Attachment.pdf

**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:** WIRLF 18.33M Request Cover Letter 6.27.25.pdf

**Other Applicable Document:** LAWA Resolution 55M Request 6.26.25.pdf

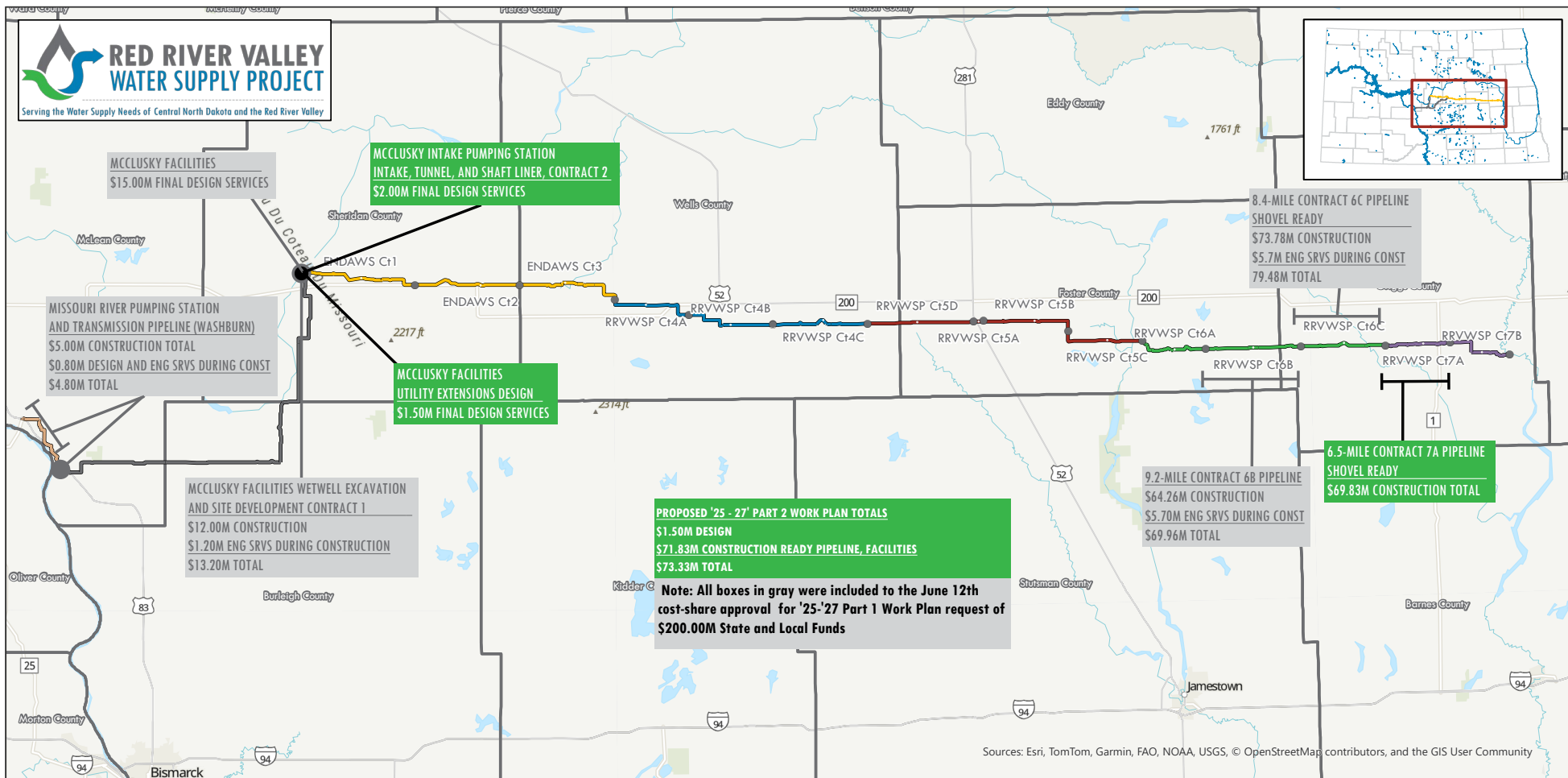
**Other Applicable Document:**

## Sources

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

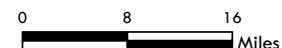
Source	If Other, Specify Funding Source	Source Status	State Fiscal Year	State Fiscal Year	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
			1 July to June	2 July to June					
Department of Water Resources Cost Share Construction			\$0.00	\$0.00	\$55,000,000.00	\$55,000,000.00		0.00	0.00
Water Infrastructure Revolving Loan Fund			\$0.00	\$0.00	\$18,330,000.00	\$18,330,000.00		0.00	0.00
Department of Water Resources Cost Share Construction		Already Approved	\$0.00	\$0.00	\$150,000,000.00	\$150,000,000.00		0.00	0.00
Water Infrastructure Revolving Loan Fund		Already Approved	\$0.00	\$0.00	\$50,000,000.00	\$50,000,000.00		0.00	0.00
			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$273,330,000.00</b>	<b>\$273,330,000.00</b>			



## RRVWSP 2025 TO 2027 BIENNIUM WORK PLAN

### PIPELINE CONTRACT (STATUS)

- MRI to Washburn WTP (PREVIOUS '25-'27 FUNDING REQUEST)
- Phase 2 Pipeline Route (FUTURE)
- ENDAWS Pipeline 1, 2, 3 (FUTURE)
- RRVWSP Pipeline 4A, 4B, 4C (FUTURE)
- RRVWSP Pipeline 5A (COMPLETE), 5B, 5C, 5D (UNDER CONTRACT)
- RRVWSP RRTP Pipeline 6A (UNDER CONTRACT)
- RRVWSP RRTP Pipeline 6B, 6C (PREVIOUS '25-'27 FUNDING REQUEST)
- RRVWSP RRTP Pipeline 7A (CURRENTLY REQUESTING FUNDS), 7B (FUTURE)



Date: 6/20/2025



Edited by: RYVdrazl  
Coordinate System: UTM Zone 14N  
W:\B\Black & Veatch\00200-2023-026\GIS\RRVWSP2023-25 Prgm Mgmt Svs TO1510 - SWC Cost Share.aprx



**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (5/2025)

DWR Date Received : June 30, 2025

**Project:** Red River Valley Water Supply Project  
**Sponsor:** Garrison Diversion Conservancy District  
**Contact:** Merri Mooradian, Administrative Officer  
**Phone:** 701-652-3194  
**Engineer:** Paul Boersma, B&V  
**Phone:** 414-455-1606

**Total Cost :** \$ 273,333,333  
**Ineligible Cost :** \$ -  
**Eligible Cost :** \$ 273,333,333  
**Local Cost :** \$ 68,333,333

**Date:** June 27, 2025

**Cost-Share \$**  
\$ 205,000,000  
**Preconstruction :** \$ 14,175,000  
**Construction :** \$ 190,825,000

**Project Type:**

**Cost-share %**

Water Supply - Regionalization

75%

		Cost Classification	Quantities	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$ *
		<b>Construction Costs</b>						
1	0.0%	Mobilization			-	-	75%	\$ -
2	0.0%	Bonding			-	-	75%	\$ -
3	0.0%	Insurance			-	-	75%	\$ -
4	0.0%				-	-	75%	\$ -
5	0.0%				-	-	75%	\$ -
6	0.0%				-	-	75%	\$ -
7	0.0%				-	-	75%	\$ -
8	0.0%				-	-	75%	\$ -
9	0.0%				-	-	75%	\$ -
10	0.0%	Current Request			-	-	75%	\$ -
11	26.3%	Transmission Pipeline Contract 7A	1	LS	59,820,000.00	\$ 59,820,000	75%	\$ 44,865,000
12	0.0%	Contingency Adjustment	1	LS	(1,516,969.69)	-\$ 1,516,970	75%	-\$ 1,137,727
13	0.0%		0		-	-	75%	\$ -
14	0.0%	Previously Awarded Scope			-	-	75%	\$ -
15	60.7%	Transmission Pipeline Contract 6B, 6C	1	LS	138,040,000.00	\$ 138,040,000	75%	\$ 103,530,000
16	1.8%	MO River PS, TM, and Utilities	1	LS	4,000,000.00	\$ 4,000,000	75%	\$ 3,000,000
17	5.3%	McClusky Wetwell and Site Developmer	1	LS	12,000,000.00	\$ 12,000,000	75%	\$ 9,000,000
18	0.0%	Contingency Adjustment	1	LS	(5,467,272.73)	-\$ 5,467,273	75%	-\$ 4,100,455
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>				\$ 206,875,758	75%	\$ 155,156,818
	10.0%	<b>Contingency</b>				\$ 20,687,576	75%	\$ 15,515,682
	83.3%	<b>Construction Total</b>				\$ 227,563,333	75%	\$ 170,672,500
		<b>Preconstruction Costs</b>						
27	1.5%	Final Design - McClusky Facilities - Addi	1	LS	3,500,000.00	\$ 3,500,000	75%	\$ 2,625,000
28	0.0%				-	-	75%	\$ -
29	6.8%	Previously Approved Final Design	1	LS	15,400,000.00	\$ 15,400,000	75%	\$ 11,550,000
30	0.0%		0		-	-	75%	\$ -
31	0.0%		0		-	-	75%	\$ -
	6.9%	<b>Preconstruction Total</b>				\$ 18,900,000	75%	\$ 14,175,000
		<b>Construction Engineering Costs</b>						
32	2.5%	Construction Engineering - Transmission	1	LS	5,700,000.00	\$ 5,700,000	75%	\$ 4,275,000
33	0.0%				-	-	75%	\$ -
34	5.7%	Previously Approved Construction Engin	1	LS	13,000,000.00	\$ 13,000,000	75%	\$ 9,750,000
35	0.0%		0		-	-	75%	\$ -
36	0.0%		0		-	-	75%	\$ -
	6.8%	<b>Construction Engineering Total</b>				\$ 18,700,000	75%	\$ 14,025,000
		<b>Other Eligible Costs</b>						
37	3.0%	Previously Approved Other Eligible Item	1	LS	8,170,000.00	\$ 8,170,000	75%	\$ 6,127,500
38	0.0%		0		-	-	75%	\$ -
39	0.0%		0		-	-	75%	\$ -
40	0.0%		0		-	-	75%	\$ -
41	0.0%		0		-	-	75%	\$ -
	3.0%	<b>Other Eligible Total</b>				\$ 8,170,000	75%	\$ 6,127,500
		<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>				\$ 273,333,333		
		<b>Eligible Total</b>				\$ 273,333,333	75%	\$ 205,000,000
		<b>Federal or State Funds That Supplant Costs</b>				\$ -		
		<b>Eligible Cost Total</b>				\$ 273,333,333	75%	\$ 205,000,000

\* 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.





GARRISON DIVERSION  
CONSERVANCY DISTRICT  
P.O. Box 140  
CARRINGTON, N.D. 58421  
(701) 652-3194  
gdcd@gdcd.org  
www.garrisondiversion.org

June 27, 2025

Reice Haase, Secretary  
North Dakota State Water Commission  
1200 Memorial Highway  
Bismarck ND 58504

Dear Reice:

The Red River Valley Water Supply Project (RRVWSP) is designed to meet the current and future water supply needs of users in central and eastern North Dakota. This critical infrastructure project will provide drought resiliency and economic development benefits to nearly half of North Dakota.

To move the RRVWSP forward as quickly and efficiently as possible, we are currently requesting \$55 million, an increase from the previously approved \$150 million cost-share for the RRVWSP in the 2025-2027 Department of Water Resources budget. The funds will primarily be used to construct a 6.5-mile section of the 72" main transmission line, design of the McClusky Canal Intake Tunnel and Shaft Liner, and for design of utility extensions to the McClusky facilities.

Thank you for your support of the RRVWSP. Please consider this letter our request to the Department of Water Resources to release an additional \$55 million to continue construction of this large-scale water supply project for central and eastern North Dakota.

Sincerely,

Duane DeKrey, General Manager  
Garrison Diversion Conservancy District



GARRISON DIVERSION  
CONSERVANCY DISTRICT  
P.O. Box 140  
CARRINGTON, N.D. 58421  
(701) 652-3194  
gdcd@gdcd.org  
www.garrisondiversion.org

June 27, 2025

Governor Kelly Armstrong  
Chairman – North Dakota State Water Commission  
1200 Memorial Highway  
Bismarck ND 58504

Dear Governor Armstrong:

Please accept this letter as our formal request for loan eligibility from the State's water financing loan program created under H.B. 1431 in the 67<sup>th</sup> Legislative Assembly. H.B. 1431 directs that the State Water Commission (SWC) shall approve eligible water supply projects for loans from the Water Infrastructure Revolving Loan Fund (WIRLF) in consideration of the following criteria:

**Nature and Description of the Proposed Project:** The Red River Valley Water Supply Project (RRVWSP) is a 125-mile long, 72-inch steel pipeline with a capacity of 165 cubic feet per second (cfs). The Project is designed to convey emergency and supplemental water supply from the Missouri River to water systems throughout central and eastern North Dakota.

**Estimated Cost of Project:** Utilizing the Eastern North Dakota Alternate Water Supply (ENDAWS) alternative, the total project is estimated at \$1.4 billion in nominal\$. From the inception of the Project Development Agreement in 2016, State and Local funds approved to date (through June 12, 2025) for the project have totaled \$565,644,549.

**Loan Funding Requested:** The Garrison Diversion Conservancy District (GDCCD) is requesting an *\$18,333,000 increase to our previously approved \$50,000,000 loan request*, from the WIRLF. Proceeds of the loan will be used for the 25 percent local cost-share of the RRVWSP.

**Other Funding Sources:** In addition to the WIRLF loan being requested, GDCCD is also making application at this time for 75 percent cost-share of \$55,000,000 from the State Water Commission, which will increase the total cost-share for the 25-27 biennium to \$205,000,000.

**Benefit of the Project to the State and Service Area:** The RRVWSP will provide an emergency and supplemental water supply to central and eastern North Dakota during times of water scarcity to protect public health, ensure ongoing economic vitality, and provide for environmental benefits in the river systems throughout the project service area.

Financing through the WIRLF is an extremely important funding tool for the success of the RRVWSP, and we sincerely appreciate your consideration of our request. If you have any questions or require further information, please don't hesitate to contact Merri Mooridian at [merrim@gdcd.org](mailto:merrim@gdcd.org) or by phone at (701) 652-3194.

Sincerely,

Duane DeKrey, General Manager  
Garrison Diversion Conservancy District

cc: Reice Haase, Director, ND Department of Water Resources

**TO:** Governor Kelly Armstrong  
Members of the State Water Commission

**FROM:** Kylee Merkel, Bank of North Dakota

**SUBJECT:** Water Infrastructure Revolving Loan Fund Request  
Garrison Diversion Conservancy District

**DATE:** July 1, 2025

The Garrison Diversion Conservancy District (District) is requesting a \$18,330,000 increase to an existing loan (from \$50,000,000 to \$68,330,000), with a 40-year repayment term, from the Water Infrastructure Revolving Loan Fund. Proceeds of the loans will be used for the 25% local cost share of the Red River Valley Water Supply project. The table below shows the estimated sources and uses of funding for the request.

Sources			Uses		
WIRLF Loan	\$50,000,000	18.3%	Planning & Design	\$18,900,000	6.9%
WIRLF Loan Increase	\$18,330,000	6.7%	Construction	\$227,560,000	83.3%
DWR Cost-Share	\$150,000,000	54.9%	Engineering	\$18,700,000	6.8%
DWR Cost-Share Increase	\$55,000,000	20.1%	Miscellaneous	\$8,170,000	3.0%
<b>Total</b>	<b>\$273,330,000</b>	<b>100%</b>	<b>Total</b>	<b>\$273,330,000</b>	<b>100%</b>

The total loan amount requested by the district is the amount of local cost share required to match the total \$205,000,000 cost-share grant also being requested. The loan will be evidenced by a Financing Resolution which will be executed by the District, Lake Agassiz Water Authority, and current project participants. The current nominations and project participants include the Cities of Fargo, Grand Forks, Carrington, Cooperstown, Hillsboro, Mayville and Valley City.

The loan allocation and approval are contingent upon the Financing Resolution and repayment provisions being approved by BND and BND Counsel and fully executed by all parties. Based on the financing resolution, the project has estimated debt service capacity to service both the existing debts and the current amount being requested.

In coordination with BND and BND Counsel, the District has requested a modified repayment term to include:

- Two years no payments
- Three years interest only payments
- Thirty-five years of gradually increasing principal and interest payments

This correspondence should not be considered an approval of a loan. Following the recommendation of a loan amount from the Water Infrastructure Revolving Loan Fund by the State Water Commisison, the Bank of North Dakota (BND) will proceed with formally reviewing and approving the loan in accordance with BND loan policy.

The Water Infrastructure Revolving Loan Fund currently has \$19,700,635 of capacity available for new loan commitments. The amount is comprised of cash on hand, access to a \$100 million line of credit at the Bank of North Dakota and legislative appropriation of \$40 million.

**A Resolution of the Board of Directors of the Lake Agassiz Water Authority (LAWA) Approving  
the Submittal of an Application to the Department of Water Resources and State Water  
Commission**

**WHEREAS**, the Lake Agassiz Water Authority (LAWA) is committed to ensuring the completion of the Red River Valley Water Supply Project (RRVWSP); and

**WHEREAS**, the Department of Water Resources and State Water Commission provide funding opportunities to support water resource projects that align with state and regional water management goals; and

**WHEREAS**, HB1020 designated funding in the amount of \$205,000,000 in the 2025-2027 biennium for the RRVWSP, of which \$150,000,000 was requested from the State Water Commission and of which \$55,000,000 remains to be approved for disbursement; and

**WHEREAS**, LAWA has engaged qualified consultants to prepare an application for funding to the Department of Water Resources and State Water Commission; and

**WHEREAS**, the LAWA Board of Directors has reviewed the 2025-2027 RRVWSP work plan as part of the application prepared by the consultants and finds it to be in the best interest of LAWA and the communities it serves.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Lake Agassiz Water Authority as follows:

1. **Approval of Application:** The Board of Directors hereby approves the submittal of the application prepared by the consultants to the Department of Water Resources and State Water Commission for the remainder of the 2025-2027 biennium RRVWSP funding.
2. **Authorization to Submit:** The General Manager, or its designee, is hereby authorized and directed to submit the application on behalf of LAWA and to take any necessary actions to complete the application process.
3. **Effective Date:** This resolution shall take effect immediately upon its adoption.

PASSED AND ADOPTED by the Board of Directors of the Lake Agassiz Water Authority on this 26th day of June, 2025.



Tim Mahoney, Chairperson  
Board of Directors  
Lake Agassiz Water Authority



Duane DeKrey, Secretary/Treasurer  
Board of Directors  
Lake Agassiz Water Authority

## RESOLUTION

**WHEREAS**, the Garrison Diversion Conservancy District (Garrison Diversion) is committed to completing the Red River Valley Water Supply Project (RRVWSP) to benefit 50 percent of North Dakota's population; and

**WHEREAS**, the Department of Water Resources and State Water Commission provide funding opportunities to support water resource projects aligning with state and regional water management goals; and

**WHEREAS**, HB1020 designated funding in the amount of \$205,000,000 in the 2025-2027 biennium for the RRVWSP of which \$150,000,000 was requested from the State Water Commission and \$55,000,000 remains to be approved for disbursement.

**WHEREAS**, the Garrison Diversion Board of Directors has reviewed the 2025-2027 RRVWSP Work Plan,

**NOW, THEREFORE, BE IT RESOLVED** by the Garrison Diversion Board of Directors as follows:

1. **Approval of Application:** Garrison Diversion's Executive Committee hereby approves submittal of the second application to the Department of Water Resources and State Water Commission requesting the remaining \$55,000,000 in funding appropriated by the state legislature for the RRVWSP.
2. **Authorization to Submit:** The General Manager, or his designee, is hereby authorized and directed to submit the second application on behalf of Garrison Diversion and to take the necessary actions to complete the application process.
3. **Effective Date:** This resolution shall take effect immediately upon its adoption.

**PASSED AND ADOPTED** by the Garrison Diversion Executive Committee on this 19th day of June 2025.

  
Greg Bischoff, Acting Chairman

  
Duane DeKrey, Secretary