

**State Water Commission Meeting
Pioneer Room, ND State Capitol
600 E Boulevard Ave, Bismarck, ND
Tuesday, August 18, 2026 – 1:00 p.m. CT**

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AGENDA

- 1:00 – 1:02 A. Roll Call
 1. Pledge of Allegiance
- 1:02 – 1:32 **Drought Disaster Livestock Program** (Governor Armstrong)
- 1:32 – 2:00 Cost-Share and Governance and Finance Policy Discussion (Governor Armstrong)
- 2:00 – 2:01 **B. Consideration of Agenda**
 1. Conflicts of Interest
- 2:01 – 2:02 C. Consideration of Minutes
 1. **Draft Minutes for the June 9, 2026, SWC Meeting**
 2. **Draft Minutes for the July 23, 2026, Pre SWC Meeting**
- 2:02 – 2:15 D. SWC Secretary Update (Reice Haase) – No Attachment
- 2:15 – 2:20 E. Financials (Chris Kadrmas)
- 2:20 – 2:30 F. Southwest Pipeline Project (SWPP) (Justin Froseth)
 1. **Contract 1-1C Modifications to Existing Intake Pump Stations—Award and Funding Authorization Update**
 2. **Contract 2-2I Metallic Raw Water Pipeline Replacement—Award Authorization**
- 2:30 – 2:40 G. Northwest Area Water Supply (NAWS) (Brandon Hicks)
 1. **High Service Pump Station—Operations and Maintenance Agreement**
 2. **Replace and Extraordinary Maintenance - Isolation Vault #2 & Raw Water Transmission Line repairs**

CONSENT AGENDA

A consent agenda can be approved with one motion, or an item or items can be removed for additional discussion and separate action. Director Haase recommends approval of the following items:

2:40 – 2:45	H. General Water (Abigail Franklund)				
	1. Burke Co WRD	North Star Dam Removal	\$185,282		C
	2. GDCCD	MM 10R Irrigation Project	\$253,729		C
	3. Ransom Co WRD	Fort Ransom Dam Modification	\$457,500	\$412,500	C
	I. General Water—Conveyance (Abigail Franklund)				
	1. Pembina Co WRD	Drain 4 Stabilization	\$100,609		C
	J. Water Supply (Discretionary) (Julie Prescott)				
	1. Medora	New Water Storage Reservoir	\$784,156	\$943,561	C
	K. Water Supply (Municipal) (Julie Prescott)				
	1. Underwood	Water System Improvements	\$450,074		C

AGENDA

2:45 – 2:50	L. General Water, Water Supply, and Deferred Project Funding (Duane Pool)				
2:50 – 2:55	M. General Water & Discretionary (Abigail Franklund)				
	1. Pembina Co WRD	Pembina City Dam Modification	\$1,185,243		C
2:55 – 3:10	N. General Water—Conveyance (Abigail Franklund)				
	1. Cass Co Joint WRD	Drain 13 Outlet Improvements	\$165,000		P
	2. North Cass WRD	Drain 26 Improvements	\$279,626		C
	3. Richland Co WRD	Drain 4 (33) Improvements	\$127,218		C
3:10 – 3:20	O. Water Supply (Rural/Regional) (Julie Prescott)				
	1. Northeast RWD	User and Facility Expansion	\$1,277,607	\$1,164,761	C
	2. WAWSA	R&T Stanley and Little Knife Bay	\$646,650		PC
3:20 – 3:25	P. Water Supply (Municipal) (Julie Prescott)				
	<u>Projects Deferred Pending Available Funding</u>				
	1. Grenora	Water Treatment Plant Improvement	\$30,000		PC
	2. Steele	Watermain Replacement	\$124,200		PC
	3. Almont	Drinking Water and Sanitary Sewer	\$47,540		C
	4. Casselton	Downtown Improvements Project	\$525,218		C
	5. Harwood	North Main Water Loop	\$491,129		C
	6. Grafton	Water System Replacement Phase I	\$2,556,064		C
	7. Regent	Main Avenue Reconstruction	\$644,705		C
	8. Watford City	2026 Water Main Replacement	\$2,130,923		C
	9. West Fargo	1 st Avenue E Reconstruction	\$1,136,346		C
	10. West Fargo	Meadow Ridge Reconstruction Phase I	\$1,120,118		C
	11. Rolla	WTP Improvements	\$15,000		O

12. Binford	Water & Wastewater System Improvements	\$300,000	PC
13. Mandan	Intake Phase III Study	\$135,000	O
14. Stanley	Capital Improvements Project IV	\$95,460	PC

3:25 – 3:30 Q. Western Area Water Supply (WAWS) Update – Chris Barke

3:30 – 3:35 R. Legal Updates (Matt Sagsveen)

3:35 – 4:05
(5 min each) S. Project Updates (Presentations if time allows)

1. Devils Lake (Yaping Chi)
2. Red River Basin (Yaping Chi)
3. Mouse River (Laura Ackerman)
4. Missouri River (Clay Carufel)
5. NAWS (Brandon Hicks)
 - a. Lake Water Delivery to Minot Update (Houston Engineering)
6. SWPP (Justin Froseth)

T. Adjourn

BOLD ITEMS REQUIRE

SWC ACTION

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

MINUTES
North Dakota State Water Commission
Bismarck, North Dakota
June 9, 2026

The ND State Water Commission (Commission or SWC) held a meeting at the Bank of North Dakota, 1200 Memorial Highway, Bismarck, ND, and via phone conference on June 9, 2026. Lt. Governor Strinden called the meeting to order at 9:00 AM. A quorum was present. The board opened the meeting by reciting the Pledge of Allegiance.

State Water Commission Members Present:

Lt. Governor Strinden, Acting Chairman
 Thomas Bodine, Deputy Commissioner, ND Agriculture Commissioner
 Michael Anderson, Lower Red River Basin
 Jeff Frith, Devils Lake Basin
 Steve Hansen, James River Basin (online)
 James Odermann, Little Missouri, Upper Heart, and Upper Cannonball River Basins
 Gene Veeder, Upper Missouri River Basin
 April Walker, Upper Red River Basin
 Jason Zimmerman, Mouse River Basin

State Water Commission Members Absent:

Jay Volk, Lower Missouri River Basin

Others Present:

Reice Haase, Director, ND Dept. of Water Resources (DWR or Department) and Commission Secretary
 John Paczkowski, DWR State Engineer
 Patrick Fridgen, DWR Deputy Director
 DWR Staff
 Approximately 75 people present online and in person.

CONSIDERATION OF THE AGENDA

Commissioner Anderson moved to approve the June 9, 2026, meeting agenda as presented. The motion was seconded by Commissioner Zimmerman and passed by unanimous vote.

DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

Commissioner Walker disclosed a potential conflict of interest with agenda item I1. Dickinson: Manns Dam Final Design.

CONSIDERATION OF MEETING MINUTES

Commissioner Frith moved to approve the March 26, 2026, Special State Water Commission meeting minutes as written. The motion was seconded by Commissioner Walker and passed by unanimous vote.

Commissioner Veeder moved to approve the April 8, 2026, State Water Commission meeting minutes as written. The motion was seconded by Commissioner Anderson and passed by unanimous vote.

Commissioner Zimmerman moved to approve the April 16, 2026, Special Pre-Commission meeting minutes as written. The motion was seconded by Commissioner Frith and passed by unanimous vote.

Commissioner Zimmerman moved to approve the May 21, 2026, Pre-Commission meeting minutes as written. The motion was seconded by Commissioner Anderson and passed by unanimous vote.

COMMISSION SECRETARY UPDATE

Reice Haase, DWR Director, Commission Secretary, provided a detailed overview of recent and upcoming presentations, legislative committee engagements, water policy developments, funding allocations, and the status of major water projects. Director Haase also summarized Deloitte's recommendations for cost-share caps, bonding strategies, and governance models for the Southwest Water Authority, Northwest Area Water Supply, and Red River Valley Water Supply projects.

FINANCIAL REPORT

The Glossary of Terms, allocated program expenditures, and financial reports were presented by Chris Kadmas, DWR Administration Division Director.

The oil extraction tax deposits total \$156,312,287 estimated through May 2026 for the 2025-27 biennium, which is \$266,643 below the projected biennium revenue of \$156,578,930 through May 2026.

The 69th Legislative Assembly estimated oil extraction tax deposits for the 2025-2027 biennium to total \$354,510,000 through June 2027. It also provided for the transfer of oil extraction tax deposits in excess of the legislative forecast for the 2025-2027 biennium to be transferred quarterly to the Water Projects Stabilization Fund.

SOUTHWEST PIPELINE PROJECT (SWPP)

Justin Froseth, SWPP Manager, presented the following SWPP items to the Commission:

Contract 7-5C: Rural Service Area Expansion in the Hebron Service Area

Froseth stated Contract 7-5C, Rural Area Expansion in the Hebron Service Area, is a rural water expansion project that will provide new water service to approximately 180 rural users. Bids were opened on May 5, 2026, with four (4) contractors submitting proposals. The project was divided into three (3) schedules; Schedule 1A, 1B, and 2. Schedules 1A and 1B were required to be awarded together. All bids came in approximately 20% below the engineer's estimate. Schedule 2 exceeds the maximum allowable cost per ESU (Equivalent Service Unit). The maximum ESU approved for this project is \$75,980. Though Bid Schedule 2 maximum cost/ESU is not yet met currently, DWR staff believes it is appropriate to anticipate that it will be met so recommends including it in the funding authorization.

The following motion was made:

Moved by Commissioner Anderson and seconded by Commissioner Veeder the Commission authorize the Secretary to award SWPP Contract

7-5C Bid Schedule 1A and Bid Schedule 1B to Carstensen Contracting; and, authorize the Secretary to award SWPP Contract 7-5C Bid Schedule 2 to Abbot, Arne and Schwindt, Inc. contingent on Bid Schedule 2 meeting the maximum cost/Equivalent Service Unit limit. The award of all schedules of SWPP Contract 7-5C will be dependent upon legal review of the contract documents. Also, allocate \$19.56 million (includes 5% for contingency and 15% for construction engineering) to the Southwest Pipeline Project from funds appropriated in the 2025-2027 biennium.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

Contract 1-1C: Modifications to Existing Intake Pump

Froseth stated Contract 1-1C – Modifications to Existing Intake Pump Stations, is a project to install equipment and complete necessary construction modifications to increase pumping capacity within the existing SWPP's intake by 3,000 gallons per minute. Four (4) bidders submitted bids, one (1) bidder on the general, one (1) bidder on the electrical bid, and two (2) bidders on the mechanical bid. The recommendation is to award the lowest responsible bidders for all scopes of work. Funding needed for all scopes of work and Bid alternate G-1 is \$2,980,000 when adding 5% for contingency and 15% for construction engineering services.

The following motion was made:

Moved by Commissioner Anderson and seconded by Commissioner Veeder the Commission to allocate \$2.98 million to the Southwest Pipeline Project from funds appropriated in the 2025-2027 biennium and authorize the Secretary to award SWPP Contract 1-1C General Construction with Bid Alternate G-1 to CC Steel, LLC in the amount of \$727,750, Contract 1-1C Mechanical Construction to Peterson Sheet Metal in the amount of \$612,500, and Contract 1-1C Electrical Construction to Edling Electric in the amount of \$1,137,000.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

Replacement and Extraordinary Maintenance (REM) Fund Reimbursement

Froseth discussed with the Commissioners reimbursement requests from the Southwest Water Authority through the REM (Replacement and Extraordinary Maintenance) fund. Three (3) completed projects were submitted for reimbursement: Cathodic Protection Improvement by WTI Energy, reverse osmosis membranes, and replacement of the Coffin Butte VDF pumps and motor. Total reimbursement requested for the three (3) projects is \$649,315.22. The REM fund balance was \$28,989,217.38 as of February 28, 2026.

The following motion was made:

Moved by Commissioner Walker and seconded by Commissioner Zimmerman the Commission approve the reimbursement from the Southwest Pipeline Project's reserve fund for Replacement and Extraordinary Maintenance in the amount of \$649,315.22.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

REM PROJECTS REIMBURSEMENT PROCESS

Froseth stated the REM policy adopted for Northwest Area Water Supply (NAWS) at the June 13, 2012, SWC meeting noted that items over \$15,000 are eligible for REM funds. DWR staff recommends increasing the REM eligibility criterion for NAWS to \$20,000 or more per project for uniformity between the two (2) state owned projects: NAWS and SWPP.

Beginning in 2027, REM eligible projects will be incorporated into an annual budget submitted to the Commission for approval. DWR staff proposes that reimbursement of REM projects already included in the annual budget be approved by the Commission Secretary after staff review and recommendation, to eliminate additional Commission approval.

The following motion was made:

Moved by Commissioner Anderson and seconded by Commissioner Walker the Commission to approve the eligibility criterion for Northwest Area Water Supply Project's REM funds as being a single project exceeding \$20,000; and, to authorize the Secretary to approve the reimbursement from the Southwest Pipeline and Northwest Area Water Supply projects' REM funds for Commission approved eligible REM projects.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

NORTHWEST AREA WATER SUPPLY (NAWS)

Brandon Hicks, NAWS Project Manager, presented the following NAWS item to the Commission:

Contract 1-1A: Intake and Snake Creek Pumping Plant Modification Funding Allocation

Hicks discussed Contract 1-1A, the construction of the new NAWS raw water intake on Lake Sakakawea. The project was originally split into two (2) contracts: Contract 1 covered dredging, pipeline work, and facility construction using federal funding; and Contract 2 covered isolation valve construction funded through the Resource Trust Fund and City of Minot sales tax revenues because those components did not meet Buy America requirements. Project engineers later determined that the intake screen structure included under Contract 1 also failed to meet Buy America compliance standards. Because of this, the intake screen is not eligible for federal funding. The intake screen portion is valued at approximately \$335,000. Change orders will be issued to move the scope of work that covers the furnishing and installation of the intake screen structure from Contract 1-1A, Contract 1 to Contract 1-1A, Contract 2. To accommodate this change, the previously approved funding allocation must be modified by reducing the

federal MR&I funding from \$18.97 million to \$18.64 million and increasing the \$2.79 million in Resources Trust Funds to \$3.13 million.

The following motion was made:

Moved by Commissioner Walker and seconded by Commissioner Bodine the Commission approve the updated funding allocation of \$18.64 million, which is a reduction of \$335,000 from federal Municipal, Rural, and Industrial water supply and \$3.13 million, which is an addition of \$335,000 from the unallocated funds carried over from the 2023-2025 biennium for Northwest Area Water Supply project.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

CONSENT AGENDA

The consent agenda included the following cost-share projects with requested funding amounts for approval:

General Water

City of Dickinson	Manns Dam Final Design	\$253,245
DWR	USGS Cooperative Monitoring	\$538,390
Grand Forks WRD	Grand Forks Co Dams EAP Updates	\$204,000

Water Supply (Regional)

WAWSA	Private Cellular Telemetry SCADA	\$74,250
WAWSA	WTP Intake Phase II	\$386,250

Water Supply (Rural)

Missouri West Water System	Flasher Elevated Tank	\$89,888
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Water Supply (Municipal)

City of Enderlin	Water Supply Study	\$99,000
City of Mohall	Northwest Water & Sewer Replacements	\$90,000

There were no questions, and the following motion was made:

Moved by Commissioner Zimmerman and seconded by Commissioner Odermann the Commission approve the Consent Agenda items as presented.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Bodine, and Lt. Governor Strinden voted aye. Commissioner Walker abstained. There were no nay votes. The motion carried.

WATER SUPPLY BUCKETS AND PRIORITIES

Dr. Duane Pool, DWR Planning and Education Division Director, presented the water supply buckets and a list of projects from sponsors requesting cost-share. The list of

projects detailed if the project was in the water development plan and then was ranked by prioritization based upon the SWC cost-share policy.

STATE COST-SHARE REQUESTS

Flood Control

Abigail Franklund, DWR Cost-Share Program Manager, presented the following flood control project.

Maple River WRD: Davenport Flood Project \$1,665,282 (SWC Project No. 2111)

Maple River Water Resource District requested additional cost-share for the Davenport Flood Risk Reduction project. Overland flooding from the Sheyenne River has impacted the City of Davenport, most recently in 1997, 2009, 2010, and 2011. A June 2018 feasibility study identified an earthen ring levee around the city as the most cost-effective alternative. The project includes an earthen levee, roadway and railroad closures, culverts, a stormwater detention pond, and a lift station to provide protection from the 1% annual chance (100-year) flood event. The purpose of the project is to obtain FEMA accreditation, potentially eliminating the federal flood insurance requirement for residents. Project costs have increased since the State Water Commission's 2020 approval due to FEMA compliance modeling updates, railroad negotiations, land acquisition increases, rising construction costs, inflation, and other related factors.

This project as presented meets requirements of the Water Commission's cost-share policy; therefore, Maple River WRD requests additional state cost-share participation for the Davenport Flood Reduction project. The following motion was made:

Moved by Commissioner Walker and seconded by Commissioner Frith the Commission fund the request from the Maple River WRD at 60% of eligible costs, not to exceed \$1,665,282 for a total state cost-share amount not to exceed \$3,748,882. This approval is contingent on available funding.

Commissioners Frith, Hansen, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. Commissioners Anderson and Odermann voted nay. The motion carried.

Water Supply (Rural)

Julie Prescott, DWR Engineer Manager, presented the following rural water supply projects.

All Seasons Water Users District: Bottineau Co. Expansion Ph I & II \$1,901,250 (SWC Project No. 2050ALL)

All Seasons Water Users District requested preconstruction cost-share for their Bottineau County Expansion Phase 1 and 2 project. Phase 1 of the project is construction of a pump station with a 750,000-gallon reservoir, a pump station with a 100,000-gallon reservoir, and approximately 11.5 miles of new transmission line in the System 1 service area. Phase 2 of the project is construction of 12 miles of distribution lines for the west side of Lake Metigoshe and the addition of approximately 250 new users.

This project meets requirements of the Water Commission's cost-share policy. The following motion was made:

Moved by Commissioner Zimmerman and seconded by Commissioner Frith the Commission approve the request from All Seasons Water Users District for state cost-share participation in the Bottineau County Expansion Phase 1 and 2 project at 75 percent of eligible costs, not to exceed \$1,901,250. This approval is contingent on available funding.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

**Cass Rural Water District: 2026 System Improvements
(SWC Project No. 2050CAS)**

\$1,684,177

The Cass Rural Water District requested construction cost-share for their 2026 System Improvements project. The project includes the installation of approximately 45,000 feet of new water main in the district's rural service area and approximately 19,000 feet of new water main in the Horace and Fargo extra-territorial area (ETA).

This project meets requirements of the Water Commission's cost-share policy. The following motion was made:

Moved by Commissioner Odermann and seconded by Commissioner Walker the Commission approve the request from the Cass Rural Water District for additional state cost-share participation in the 2026 System Improvements project in the amount of \$1,684,177, or 75 percent of eligible rural costs and 60 percent of eligible extra-territorial area costs, with total cost-share not to exceed \$1,989,397. This approval is contingent on available funding.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

**Garrison Rural Water District: Pump Station #5 and Reservoir
(SWC Project No. 2050GRW)**

\$1,002,254

Garrison Rural Water District requested construction cost-share for their Pump Station #5 and Reservoir project. The project is a new pump station and 125,000-gallon reservoir to provide additional capacity for the west service zone in the Douglas Bay area. Existing system storage is 200,000 gallons. With the addition of Reservoir #5, total system storage will be 325,000 gallons. Peak daily demand is 343,000 gallons.

This project meets requirements of the Water Commission's cost-share policy. The following motion was made:

Moved by Commissioner Frith and seconded by Commissioner Zimmerman the Commission approve the request from Garrison Rural Water District for additional state cost-share participation in the Pump Station #5 and Reservoir project in the amount of \$1,002,254, or 75 percent of eligible costs, with total cost-share not to exceed \$1,062,254. This approval is contingent on available funding.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

Water Supply (Municipal)

Prescott presented the following municipal water supply projects. These projects were considered based on cost-share prioritization framework and available funding.

Williston: 2026 Williston Square Improvements (SWC Project No. 2050WLL)

\$602,102

The City of Williston requested construction cost-share for their 2026 Williston Square Improvements project. The project is installation of approximately 7,275 feet of new water main to extend service to Sloulin Drive, 36th Street W, 38th Street W, and 8th Avenue in the Williston Square development area. The project is part of combined street, sanitary and storm sewer, and water supply improvements planned for Williston.

This project meets requirements of the Water Commission's cost-share policy. The following motion was made:

Moved by Commissioner Veeder and seconded by Commissioner Frith the Commission approve the request from the City of Williston for state cost-share participation in the Sloulin Drive and 36th Street W portions of the Williston Square Improvements project at 60 percent of eligible costs, not to exceed \$602,102. This approval is contingent on available funding.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

Bowman: New Water Storage Reservoir (SWC Project No. 2050BWM)

\$1,656,600

The City of Bowman requested construction cost-share for their New Water Storage Reservoir project. The project is removal and replacement of Bowman's existing 300,000-gallon and 500,000-gallon aging underground storage reservoirs with one new 600,000-gallon underground storage reservoir. Peak daily demand is 690,000 gallons.

This project meets requirements of the Water Commission's cost-share policy. The following motion was made:

Moved by Commissioner Anderson and seconded by Commissioner Bodine the Commission approve the request from the City of Bowman for additional state cost-share participation in the New Water Storage Reservoir project in the amount of \$1,656,600, or 60 percent of eligible costs, with total cost-share not to exceed \$1,788,600. This approval is contingent on available funding.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Walker, Zimmerman, Bodine, and Lt. Governor Strinden voted aye. There were no nay votes. The motion carried.

Water Supply (Municipal)

The following municipal water supply projects were deferred pending available funding.

Underwood	Water System Improvements	\$555,466
Bismarck	WU152 2026 Water Main Replacement	\$2,440,567
Steele	Water Main Replacement Phase I	\$124,200
Casselton	Downtown Improvements Project	\$525,218
Harwood	North Main Water Loop	\$491,129
Grafton	Water System Replacement Phase I	\$2,556,064
Regent	Main Avenue Reconstruction	\$644,705
Watford City	2026 Water Main Replacement	\$2,130,923
West Fargo	1 st Avenue E Reconstruction	\$1,136,346
West Fargo	Meadow Ridge Reconstruction Phase I	\$1,120,118
Williston	West Broadway Improvements	\$395,962
Rolla	WTP Improvements	\$15,000
Binford	Water & Wastewater System Improvements	\$300,000
Mandan	Intake Phase III Study	\$135,000
Stanley	Capital Improvements Project IV	\$95,460

COST-SHARE PROGRAM MODIFICATION MATERIALS FOR PUBLIC COMMENT

Pat Fridgen, DWR Deputy Director, discussed with the Commissioners options for public comment on the cost-share program, including Deloitte's recommendations, asset inventory requirements, and affordability considerations. The Commission decided to leave all options on the table for public input and further review after comments are received.

MOUSE RIVER ENHANCED FLOOD PROTECTION (MREFPP) PROJECT UPDATE

Ryan Ackerman reported on the Mouse River Enhanced Flood Protection project on ongoing construction phases, including bridge replacements, levees, flood walls, and restoration efforts in Minot and Velva, with design work focused on the Maple Diversion and coordination with railroads, aiming for completion by 2033.

RED RIVER VALLEY WATER SUPPLY (RRVWS) PROJECT UPDATE

Duane DeKrey presented the Red River Valley Water Supply project update reporting the project received \$205 million in state funding and is anticipated to receive an additional \$150 million in federal funding. Contracts have been awarded for pipeline installation and intake construction, with bids coming in under estimates, and several contracts ahead of schedule.

LEGAL UPDATES

Jen Verleger, DWR General Counsel, provided an update on current legal matters involving the SWC and DWR.

PROJECT UPDATES

DWR staff provided updates on the following projects:

- Devils Lake: Yaping Chi, Water Resources Engineer
- Red River Basin: Yaping Chi, Water Resources Engineer
- Mouse River: Laura Ackerman, Water Resource Engineer
- Missouri River: Clay Carufel, Water Resource Engineer
- NAWS: Brandon Hicks, NAWS Project Manager
 - Ryan David, Houston Engineering – Lake Water Delivery to Minot Update
- SWPP: Justin Froseth, SWPP Manager

There being no further business to come before the Commission, Lt. Governor Strinden adjourned the JUNE 9, 2026, meeting at 11:23 AM. The next State Water Commission meeting will be held on August 18, 2026, at 1:00 PM CT at the Biota Water Treatment Plant, 3277 28th Street NW, Max, North Dakota.

Michelle Strinden, Lieutenant Governor
Acting Chairman, State Water Commission

Reice Haase, Director, DWR
Secretary to the State Water Commission

MINUTES**North Dakota State Water Commission
Pre-Commission Meeting
July 23, 2026**

The North Dakota State Water Commission (Commission or SWC) held a Pre-Commission meeting via Teams and in-person on July 23, 2026. The meeting was called to order at 1:00 PM and the Pledge of Allegiance was recited.

COMMITTEE MEMBERS PRESENT:

Michael Anderson, Lower Red River Basin (online)
Jeff Frith, Devils Lake Basin
Steve Hansen, James River Basin
James Odermann, Little Missouri, Upper Heart, and Upper Cannonball River Basins
Gene Veeder, Upper Missouri River Basin (online)
Jay Volk, Lower Missouri River Basin (online)
April Walker, Upper Red River Basin (online)
Jason Zimmerman, Mouse River Basin

OTHERS PRESENT:

Reice Haase, Director ND Department of Water Resources (DWR), Commission Secretary
Dr. Duane Pool, DWR Planning and Education Division Director
Sindhuja S.Pillai-Grinolds, DWR Water Development Division Director
DWR staff

Commission Secretary Update

Reice Haase, DWR Director, Commission Secretary, provided a comprehensive update to the Commission on the status of funding buckets for water projects, highlighting allocations, remaining funds, and the impact of legislative changes, as well as the process for project approvals and deferred projects. Haase explained allocation percentages for various water project buckets, including Red River Valley Water Supply Project, Mouse River Flood Control, rural water (97% obligated), municipal water (100% obligated), conveyance (24% obligated), other general water (70%), and discretionary (18.6%), noting the high demand and limited funding. Haase reported that \$254.8 million has been spent to date, with \$315.2 million remaining in carryover, and \$35 million uncommitted, emphasizing the need to track expenditures and manage remaining funds carefully. Haase described how legislative appropriations reduced the general water bucket to \$3 million for projects such as irrigation, dam safety, and recreation, with \$15 million allocated specifically for water conveyance, resulting in limited funds for other general water projects. Haase detailed the process for municipal water supply funding, including the voluntary removal of Bismarck from the funding list to allow smaller projects to receive available funds, and the full exhaustion of the municipal water supply bucket with the approval of the Underwood project.

Ethics Commission Travel Rules

Jen Verleger, DWR General Counsel, discussed new Ethics Commission rules requiring reporting of travel expenses related to their status as State Water Commissioners, and outlined exceptions and clarified that most travel will be reported through PeopleSoft.

Northwest Area Water Supply (NAWS)

Brandon Hicks, NAWS Project Manager, presented the draft operations and maintenance agreement for the high service pump station between the state and the City of Minot. The City of Minot will handle the day-to-day operations, while DWR retains ownership, covers electricity and

insurance, and administers replacement and extraordinary maintenance (REM) projects, with bimonthly reporting from Minot to DWR. Hicks explained the cost-sharing based on water usage, with Minot serving 87% and NAWS 13%, resulting in DWR reimbursing Minot 13% of operations and maintenance costs.

Southwest Pipeline Project (SWPP)

Justin Froseth, SWPP Project Manager, reported a correction to Contract 1-1C, Modifications to Existing Intake Pump Stations, to the general construction contract amount, increasing it by \$40,000 to \$764,250, and stated that a funding authorization adjustment will be requested at the August meeting.

Froseth described the final design progress for Contract 2-2I, Metallic Raw Water Pipeline Replacement, with 90% design submitted and plans to bid in early August, opening bids after the August SWC meeting. Authorization for Secretary Haase to award the contract will be requested at the August meeting.

General Water

Abigail Franklund, DWR Cost-Share Program Manager, presented the following general water projects to be presented at the August Commission meeting.

- **Barnes County WRD: North Star Dam Removal** **\$185,282**
The project sponsor requested a cost-share at 60 percent reimbursement for construction costs. The request will be on the consent agenda.
- **GDCD: MM 10R Irrigation Project** **\$253,729**
The project sponsor requested a cost-share at 75 percent reimbursement for construction costs. The request will be on the consent agenda.
- **Ransom County WRD: Fort Ransom Dam Modification** **\$412,500**
The project sponsor requested a cost-share at 75 percent reimbursement for construction costs. The request will be on the consent agenda.
- **Pembina County WRD: Pembina City Dam Modification** **\$1,185,243**
The project sponsor requested a cost-share at 75 percent reimbursement for construction costs. The request will be on the regular agenda.

General Water—Conveyance

Franklund presented the following conveyance general water projects to be presented at the August Commission meeting.

- **Cass County Joint WRD: Drain 13 Outlet Improvements** **\$165,000**
The project sponsor requested a cost-share at 60 percent reimbursement for preconstruction costs. The request will be on the regular agenda.
- **Logan County WRD: McKenna Lake Drainage Ph. 3** **\$0**
The project sponsor requested a cost-share at 45 percent reimbursement for preconstruction cost increase. The request will not be presented at the August meeting due to no additional funding being recommended at the time.
- **North Cass WRD: Drain 26 Improvements** **\$279,626**
The project sponsor requested a cost-share at 60 percent reimbursement for construction costs. The request will be on the regular agenda.

- Pembina County WRD: Drain 4 Stabilization** **\$130,368**
 The project sponsor requested a cost-share at 60 percent reimbursement for construction costs. The request will be on the consent agenda.
- Richland County WRD: Drain 4 (33) Improvements** **\$127,218**
 The project sponsor requested a cost-share at 60 percent reimbursement for construction costs. The request will be on the regular agenda.

Dr. Duane Pool, DWR Planning and Education Division Director, presented the water supply buckets and a list of projects from sponsors requesting cost-share. The list of projects detailed if the project was in the water development plan and then was ranked by prioritization based upon the SWC cost-share policy.

Water Supply

Julie Prescott, DWR Engineer Manager, presented the following regional, rural, and municipal water supply projects to be presented at the August Commission meeting. These projects are considered based on cost-share prioritization framework and available funding.

- Northeast RWD: User and Facility Expansion** **\$1,164,761**
 The project sponsor requested a cost-share at 75 percent reimbursement for construction costs. The request will be on the regular agenda.
- WAWSA: R&T Stanley and Little Knife Bay** **\$646,650**
 The project sponsor requested preconstruction cost-share at 60 percent reimbursement for Extra Territorial Area portions of the project and 75 percent reimbursement for rural areas. The request will be on the regular agenda.
- City of Medora: New Water Storage Reservoir** **\$943,561**
 The project sponsor requested a cost-share at 60 percent reimbursement for construction costs. The request will be on the consent agenda.
- City of Underwood: Water System Improvements** **\$450,074**
 The project sponsor requested a cost-share at 60 percent reimbursement for construction costs. Due to lack of funds available for municipal projects, reduced cost-share will be considered. The request will be on the consent agenda.

The following municipal water supply projects are deferred pending available funding:

1.	Grenora	Water Treatment Plant Improvements	\$30,000	PC
2.	Steele	Watermain Replacement Ph. 1	\$124,200	PC
3.	Almont	Drinking Water and Sanitary Sewer	\$47,540	C
4.	Casselton	Downtown Improvements Project	\$525,218	C
5.	Harwood	North Water Main Loop	\$491,129	C
6.	Grafton	Water System Replacement Phase I	\$2,556,064	C
7.	Regent	Main Avenue Reconstruction	\$644,705	C
8.	Watford City	2026 Water Main Replacement	\$2,130,923	C
9.	West Fargo	1 st Avenue E Reconstruction	\$1,136,346	C
10.	West Fargo	Meadow Ridge Reconstruction Phase I	\$1,120,118	C
11.	Williston	West Broadway Improvements	\$395,962	C
12.	Rolla	WTP Improvements	\$15,000	O
13.	Binford	Water & Wastewater System Improvements	\$300,000	PC
14.	Mandan	Intake Phase III Study	\$135,000	O

There being no further items of discussion, the meeting adjourned at 2:31 PM.

Respectfully submitted,

Shana L. Brost, Executive Assistant

DRAFT

TO: Lt. Governor Michelle Strinden & North Dakota Water Commission Members
FROM: Reice Haase, Director-Secretary
SUBJECT: Financial Updates
DATE: August 18, 2026

Glossary

The updated glossary of terms is attached on pages 2-3.

2025–2027 Resources Trust Fund

Oil extraction tax deposits total \$207,191,407 estimated through July 2026 for the 2025-27 biennium. This is \$19,193,675 **above** the projected biennium revenue of \$187,997,728 through July 2026. Pages 4-5 of your packet have line charts showing the deposits into the Resources Trust Fund month by month and cumulative to date and how they track with the projection. Page 6 of your packet has a breakdown of our monthly deposits with the net revenue projection of \$354,510,000 for the biennium.

Page 7 is a flowchart that shows 20.5% of the Oil Extraction Tax that goes into the Resources Trust. The 0.5% allocation, which will sunset once \$128,740,000 has been accumulated, has gathered \$35.8 million through July 2026.

2025-2027 Purpose Funding Summary

Page 8 provides the bucket report, illustrating appropriations versus approvals for each purpose funding line. The navy-blue bars indicate the total appropriated amounts, and the light-blue bars show the corresponding amounts that have been approved. Pages 9-10 outline the specific funding buckets that would support the current cost-share requests.

Project Summary Reports

The July 2026 project summary report is attached on pages 11-12. Pages 11-12 shows carryover in yellow, new appropriations in green, and the total appropriation in dark blue. Approvals are shown in light blue. The unobligated appropriation is shown in teal for all funding sources.

Page 13 shows the 2025-2027 expenditures and unpaid approvals as of July 28, 2026. The blue shows the total approved which ties to the blue on page 12, the gray shows the unpaid approvals, and the red shows the expenditures.

Glossary of Terms

Allocated-To apportion for a specific purpose. To set apart or earmark.

Anticipated Construction Request-Potential construction requests for prior approved and current projects.

Appropriation-Specifies the amount of funds to be used for a particular purpose during a period of time, normally one biennium.

Original-Legislative authorization to expend.

Current-Requesting authorization to allocate funds.

Unobligated-Funding available to be obligated to a project.

Appropriation Authority-Legislative authority in an Appropriation Act for an agency to expend funds.

Appropriation Bill-A bill which appropriations are given legal effect.

Approved-Funds approved and allocated by the State Water Commission.

Beginning Balance-Resource Trust Fund cash balance that carries over from the previous biennium. This information is provided by Legislative Council and includes carryover and funds not approved or allocate by the State Water Commission.

Carryover Funds-Approved funds unpaid during the current biennium which are transferred to the appropriation for the following biennium.

Carryover Projects-Projects approved but not finished by the end of the current biennium. The time is limited to 2 years after the end of the current biennium, 6/30/21, unless approved by the State Water Commission to continue past that date.

Cash-Resource Trust Fund money received and not allocated to a specific appropriation purpose.

Cost Increase-Funding needed above original cost estimate.

De-Obligation-Funds released from project allocation made from the current biennium appropriation.

Expenditure-Payment or funds spent.

Obligation-Funds allocated from current biennium appropriation to pay based on a contract.

Unexpended-Not yet spent or paid.

Turnback-Carryover funds released from prior biennium from a project allocation.

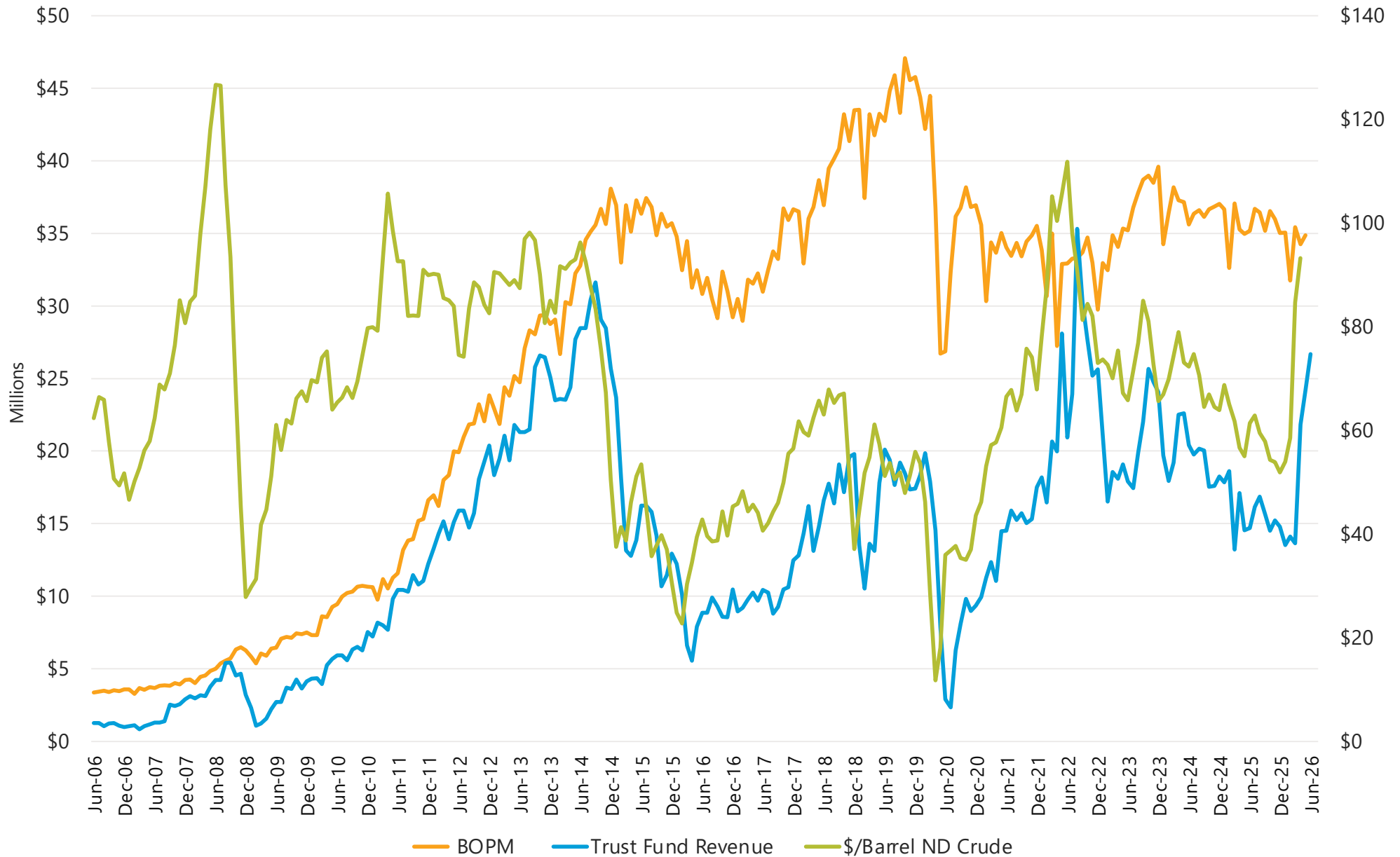
Unobligated Carryover-Previous biennium funding, not associated with a project released to the Resource Trust Fund.

Unpaid Approval-A commitment to an expense at a future date.

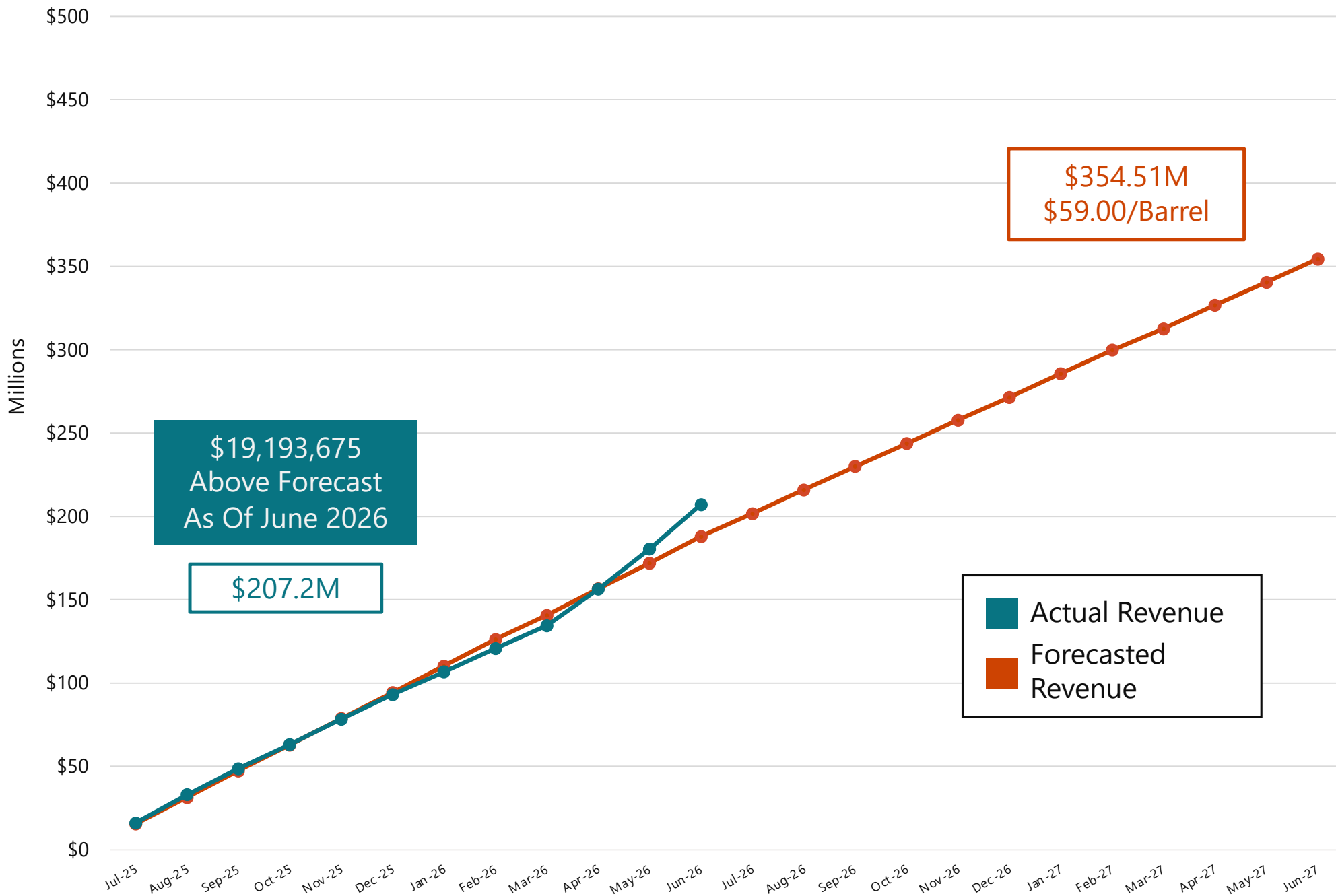
Water Infrastructure Revolving Loan Fund (WIRLF) Eligibility-Approval by the State Water Commission of the eligibility of projects to apply for a Water Infrastructure Revolving Loan in compliance with cost share and statutory authority. Final loan approval is by the Bank of North Dakota.

RESOURCES TRUST FUND REVENUE

JUNE 2006 - JUNE 2026



RESOURCES TRUST FUND REVENUE

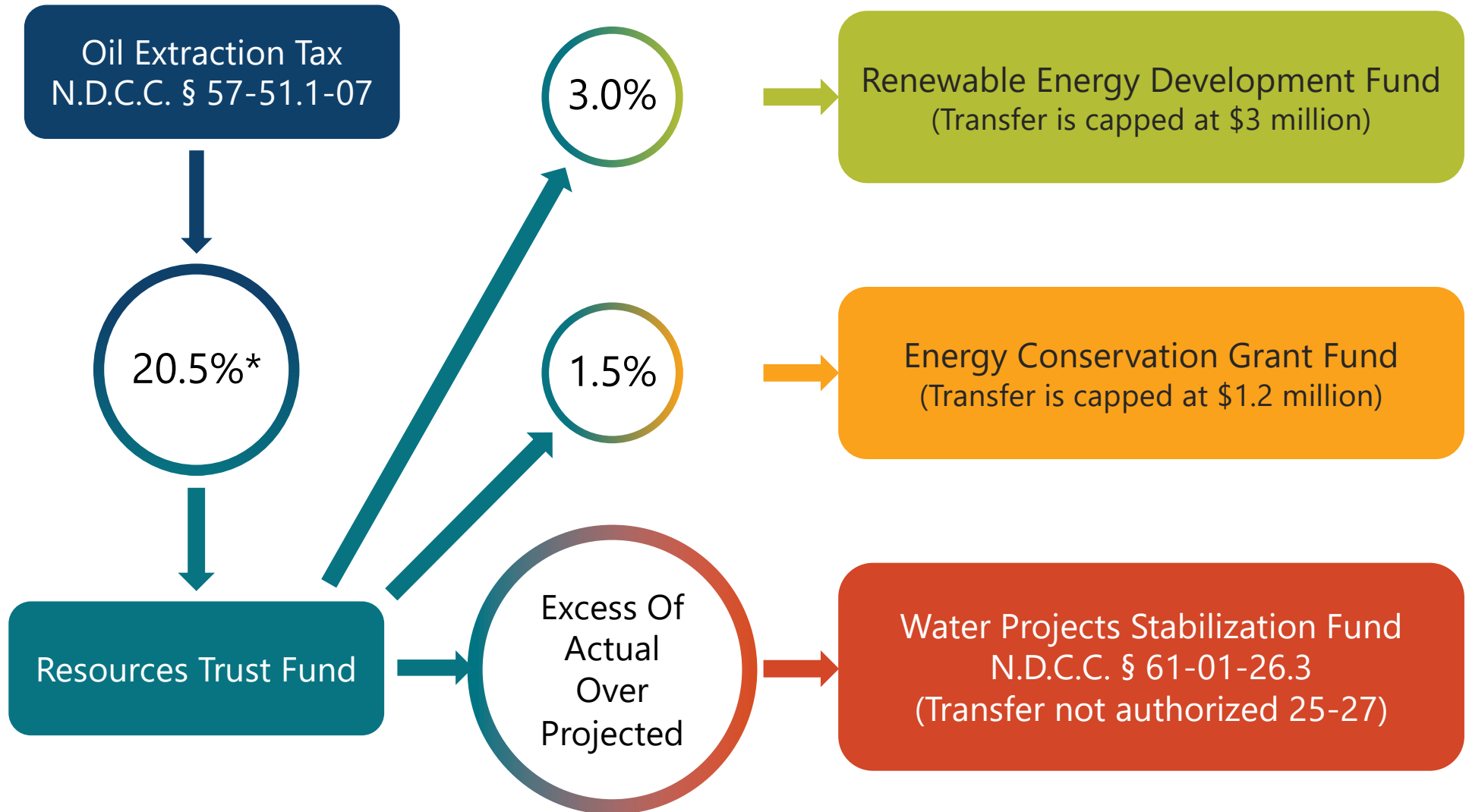


OIL EXTRACTION REVENUE
FOR THE 2025 - 2027 BIENNIUM

MONTH / YEAR	PROJECTED				ACTUAL			
	REVENUE	ENERGY CONS. ¹ ALLOCATION	RENEWABLE ¹ ALLOCATION	RESOURCES TRUST FUND ALLOCATION	REVENUE	TRANSFERS TO ¹ ENERGY CONS.	TRANSFERS TO ¹ RENEWABLE	RESOURCES TRUST FUND NET DEPOSIT
AUGUST, 2025	\$15,451,868	\$77,259	\$463,556	\$14,911,053	\$16,148,028	\$80,740	\$484,441	\$15,582,847
SEPTEMBER, 2025	15,966,930	79,835	479,008	15,408,087	16,860,051	84,300	505,802	16,269,949
OCTOBER, 2025	15,966,930	79,835	479,008	15,408,087	15,666,756	78,334	470,003	15,118,420
NOVEMBER, 2025	15,451,868	77,259	463,556	14,911,053	14,515,295	72,576	435,459	14,007,259
DECEMBER, 2025	15,966,930	79,835	479,008	15,408,087	15,240,146	76,201	457,204	14,706,741
JANUARY, 2026	15,451,868	77,259	463,556	14,911,053	14,778,224	73,891	443,347	14,260,986
FEBRUARY, 2026	15,966,930	79,835	172,308	15,714,787	13,514,805	67,574	203,745	13,243,486
MARCH, 2026	15,966,930	79,835		15,887,095	14,111,016	70,555		14,040,461
APRIL, 2026	14,421,746	72,109		14,349,637	13,649,596	68,248		13,581,348
MAY, 2026	15,966,930	79,835		15,887,095	21,828,370	109,142		21,719,228
JUNE, 2026	15,451,868	77,259		15,374,609				
JULY, 2026	15,966,930	79,835		15,887,095				
AUGUST, 2026	13,685,940	68,430		13,617,510				
SEPTEMBER, 2026	14,142,138	70,711		14,071,427				
OCTOBER, 2026	14,142,138	70,711		14,071,427				
NOVEMBER, 2026	13,685,940	50,158		13,635,782				
DECEMBER, 2026	14,142,138			14,142,138				
JANUARY, 2027	13,685,940			13,685,940				
FEBRUARY, 2027	14,142,138			14,142,138				
MARCH, 2027	14,142,138			14,142,138				
APRIL, 2027	12,773,546			12,773,546				
MAY, 2027	14,142,138			14,142,138				
JUNE, 2027	13,685,940			13,685,940				
JULY 2027-JUNE REVENUE	14,142,138			14,142,138				
TOTALS	\$354,510,000	\$1,200,000	\$3,000,000	\$350,310,000	\$156,312,287	\$781,561.43	\$3,000,000	\$152,530,725

¹ Transfers to the renewable energy development fund and the energy conservation grant fund are established in North Dakota Century Code Section 57-51.1-07.

RESOURCES TRUST FUND: ALLOCATIONS

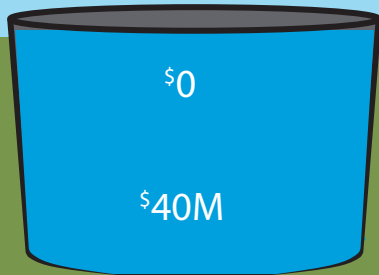


*Through July 2026, \$35.8 million has accumulated because of the additional 0.5% of oil extraction tax.

2025-27 PURPOSE FUNDING

JULY 2025-JULY 2026

\$40M



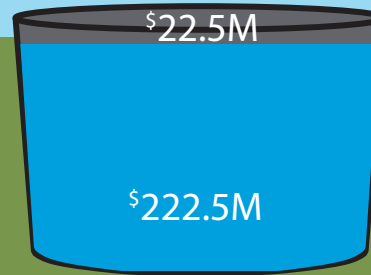
Water Supply
Municipal

\$70M



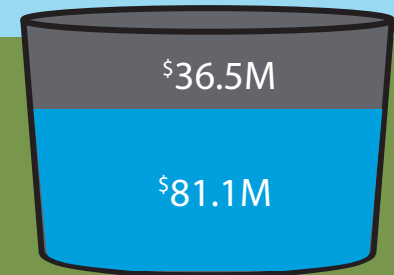
Water Supply
Rural

\$245M



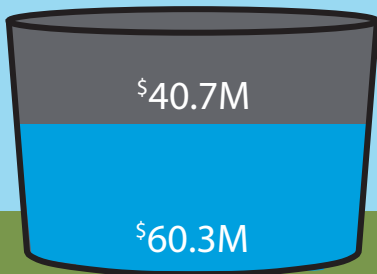
Regional
Water Supply

\$117.6M



Flood Control Projects

\$101M



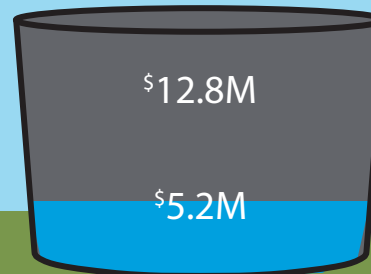
*SWPP

\$12.59M



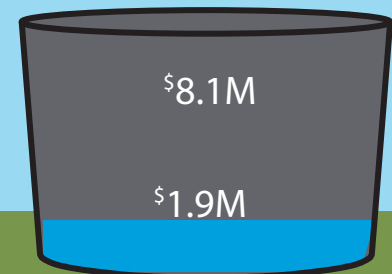
NAWS

\$18M



General Water

\$10M



Discretionary Funds

APPROVED

UNOBLIGATED

*SWPP bucket includes \$50M line of credit

Note: A \$210M line of credit was provided for all other water projects.

PURPOSE FUNDING SUMMARY
State Water Commission Cost-Share
for August 18, 2026

2025-2027
Unobligated
Appropriation
07-28-26

Carryover
Turnback
06-30-25

Flood Control		Unobligated Appropriation	\$ 36,500,000	\$ 28,732,450
		Cost-Share		
1				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ 36,500,000	\$ 28,732,450

General Water		Unobligated Appropriation	\$ 1,605,012	\$ 15,348.53
		Cost-Share		
C 1	F-1: Barnes Co WRD: North Star Dam Removal	\$	185,282	
C 2	F-2: GDGD: MM 10R Irrigation Project	\$	253,729	
C 3	F-3: Ransom Co WRD: Fort Ransom Dam Modification	\$	412,500	
C 4	F-4: Pembina Co WRD: Pembina City Dam Modification	\$	753,501	
		Current Requests	\$ 1,605,012	\$ -
		Estimated Unobligated Appropriation =	\$ -	\$ 15,349

General Water - Conveyance			\$ 11,185,273	\$ -
			Cost-Share	
P	1	G-1: Cass Co Joint WRD: Drain 13 Outlet Improvements	\$ 165,000	
P/CI	2	G-2: Logan Co WRD: McKenna Lake Drainage Ph. 3	\$ 75,375	
C	3	G-3: North Cass WRD: Drain 26 Improvements	\$ 279,626	
C	4	G-4: Pembina Co WRD: Drain 4 Stabilization	\$ 130,368	
C	5	G-5: Richland Co WRD: Drain 4 (33) Improvements	\$ 127,218	
Current Requests			\$ 777,587	\$ -
Estimated Unobligated Appropriation =			\$ 10,407,686	\$ -

Water Supply - Municipal		Unobligated Appropriation	\$ -	\$ 450,075
		Cost-Share		
C 1	K-1: Underwood: Water System Improvements\			\$ 450,074.77
O 2	K-2: Grenora: Water Treatment Plant Improvements			
C 3	K-3: Steele: Water Main Replacement Phase I			
PC 4	K-4: Almont: Drinking Water and Sanitary Sewer			
C 5	K-5: Casselton: Downtown Improvements Project			
PC 6	K-6: Harwood: North Main Water Loop			
		Current Requests	\$ -	\$ 450,075
		Estimated Unobligated Appropriation =	\$ -	\$ -

Water Supply - Rural		Unobligated Appropriation	\$ 2,091,210	\$ 571,523
		Cost-Share		
PC 1	I-1: Northeast RWD: User and Facility Expansion	\$	1,164,761	
		Current Requests	\$ 1,164,761	\$ -
		Estimated Unobligated Appropriation =	\$ 926,449	\$ 571,523

Regional Water Supply		Unobligated Appropriation	\$ 22,456,861	\$ 208,209
		Cost-Share		
PC 1	I-2: WAWSA: R&T Stanley and Little Knife Bay	\$	646,650	
		Current Requests	\$ 646,650	\$ -
		Estimated Unobligated Appropriation =	\$ 21,810,211	\$ 208,209

PURPOSE FUNDING SUMMARY
State Water Commission Cost-Share
for August 18, 2026

2025-2027
Unobligated
Appropriation
07-28-26

Carryover
Turnback
06-30-25

Discretionary		Unobligated Appropriation	\$ 8,141,452	\$ 1,355,139
		Cost-Share		
C 1	J-1: Medora: New Water Storage Reservoir		\$ 943,561	
C 2	J-3: Pembina Co WRD: Pembina City Dam Modification			\$ 431,742
		Current Requests	\$ 943,561	\$ 431,742
		Estimated Unobligated Appropriation =	\$ 7,197,891	\$ 923,397

State Owned Projects				
SWPP		Cost-Share		
		Unobligated Appropriation	\$ 53,716,797	\$ -
1				
2				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ 53,716,797	\$ -
NAWS				
		Unobligated Appropriation	\$ 12,598,990	\$ 2,146,148
1				
2				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ 12,598,990	\$ 2,146,148
Devils Lake Outlets				
		Unobligated Appropriation	\$ 1,000,000	\$ 1,800,000
1				
2				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ 1,000,000	\$ 1,800,000

		Unobligated Appropriation for Purpose and State Owned Projects	\$ 149,295,595	\$ 35,278,894
		Current Requests	\$ 5,137,571	\$ 881,817
		Estimated Unobligated Appropriation =	\$ 144,158,024	\$ 34,397,077
		Total Current Requests		\$ 6,019,388

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

**DEPARTMENT OF WATER RESOURCES
PROJECT SUMMARY
2025-2027 BIENNIUM**

July 28, 2026

	2023-2025 CARRYOVER	2025-2027 APPROPRIATION	TOTAL	SWC/Secretary APPROVED	UNOBLIGATED APPROPRIATION
MUNICIPAL WATER SUPPLY:					
MUNICIPAL WATER SUPPLY	100,591,469	40,000,000	140,591,469	140,591,469	0
UNOBLIGATED MUNICIPAL/REG WATER SUPPLY	450,075	0	450,075		450,075
Total	101,041,544	40,000,000	141,041,544	140,591,469	450,075
% OBLIGATED		100%	100%		
RURAL WATER SUPPLY:					
RURAL WATER SUPPLY	41,455,044	67,908,790	109,363,834	109,363,834	0
UNOBLIGATED RURAL WATER SUPPLY	571,523	2,091,210	2,662,733		2,662,733
Total	42,026,567	70,000,000	112,026,567	109,363,834	2,662,733
% OBLIGATED		97%	98%		
REGIONAL WATER SUPPLY:					
RED RIVER VALLEY	111,932,148	205,000,000	316,932,148	316,932,148	0
WESTERN AREA WATER SUPPLY	26,451,469	17,543,139	43,994,608	43,994,608	0
UNOBLIGATED REGIONAL WATER SUPPLY	208,209.40	22,456,861	22,665,070		22,665,070
Total	138,591,827	245,000,000	383,591,827	360,926,757	22,665,070
		91%	94%		
FLOOD CONTROL:					
MOUSE RIVER	80,242,435	81,100,000	161,342,435	161,342,435	0
MOUSE RIVER HB1431 BOND PROCEEDS	16,089,452	0	16,089,452	16,089,452	0
VALLEY CITY	19,285,671	0	19,285,671	19,285,671	0
LISBON	124,974	0	124,974	124,974	0
OTHER FLOOD CONTROL	9,191,718	0	9,191,718	9,191,718	0
PROPERTY ACQUISITIONS	0	0	0	0	0
UNOBLIGATED FLOOD CONTROL	28,732,450	36,500,000	65,232,450		65,232,450
Total	153,666,700	117,600,000	271,266,700	206,034,250	65,232,450
% OBLIGATED		69%	76%		
SUBTOTAL	447,482,682	490,988,000	938,470,682	834,634,742	103,815,962
BASINWIDE PLAN IMPLEMENTATION:					
BASINWIDE PLAN IMPLEMENTATION	410,367	0	410,367	410,367	0
UNOBLIGATED BASINWIDE PLAN IMPLEMENTATION	0	0	0		0
Total	410,367	0	410,367	410,367	0
% OBLIGATED		0%	100%		
GENERAL WATER:					
GENERAL WATER - OTHER	10,345,400	1,782,988	12,128,388	12,128,388	0
GENERAL WATER - CONVEYANCE	1,795,297	3,814,727	5,610,024	5,590,046	
UNOBLIGATED GENERAL WATER	15,349	12,790,285	12,805,633		12,805,633
Total	12,156,045	18,388,000	30,544,045	17,718,434	12,805,633
% OBLIGATED		10%	40%		
DISCRETIONARY FUNDING:					
DISCRETIONARY FUNDING PROJECTS	11,869,532	1,858,548	13,728,080	13,728,080	0
UNOBLIGATED DISCRETIONARY	1,355,139	8,141,452	9,496,591		9,496,591
Total	13,224,671	10,000,000	23,224,671	13,728,080	9,496,591
% OBLIGATED		19%	59%		

**DEPARTMENT OF WATER RESOURCES
PROJECT SUMMARY
2025-2027 BIENNIUM**

July 28, 2026

	2023-2025 CARRYOVER	2025-2027 APPROPRIATION	TOTAL	SWC/Secretary APPROVED	UNOBLIGATED APPROPRIATION
STATE OWNED PROJECTS:					
SWPP	74,005,596	73,257,703	147,263,299	147,263,299	0
UNOBLIGATED SWPP	0	40,729,797	40,729,797		40,729,797
Total	74,005,596	113,987,500	187,993,096	147,263,299	40,729,797
NAWS	31,033,031	0	31,033,031	31,033,031	0
UNOBLIGATED NAWS	2,146,148	12,598,990	14,745,138		14,745,138
Total	33,179,179	12,598,990	45,778,169	31,033,031	14,745,138
DEVILS LAKE OUTLET	8,717	0	8,717.30	8,717	
UNOBLIGATED DEVILS LAKE OUTLET	1,800,000	1,000,000	2,800,000		2,800,000
Total	1,808,717	1,000,000	2,808,717	8,717	2,800,000
STATE OWNED SUBTOTAL	108,993,492	127,586,490	236,579,982	178,305,047	58,274,935
% OBLIGATED		57%	75%		
TOTAL	570,111,213	628,574,490	1,198,685,703	1,027,078,237	171,587,488

**DEPARTMENT OF WATER RESOURCES
PROJECT SUMMARY
2025-2027 BIENNIUM**

July 28, 2026

	SWC/Secretary APPROVED	EXPENDITURES	UNPAID APPROVALS
WATER SUPPLY:			
MUNICIPAL WATER SUPPLY	140,591,469	44,170,496	96,420,972
RURAL WATER SUPPLY	109,363,834	41,238,118	68,125,716
TOTAL	249,955,303	85,408,614	164,546,688
REGIONAL WATER SUPPLY:			
RED RIVER VALLEY	316,932,148	103,719,188	213,212,960
WESTERN AREA WATER SUPPLY	43,994,608	25,309,762	18,684,846
TOTAL	360,926,757	129,028,951	231,897,806
FLOOD CONTROL:			
MOUSE RIVER	146,492,435	41,981,477	104,510,957
MOUSE RIVER HB1431	16,089,452	13,885,352	2,204,100
VALLEY CITY	19,285,671	913,011	18,372,661
LISBON	124,974	97,998	26,976
OTHER FLOOD CONTROL	9,191,718	1,853,721	7,337,997
TOTAL	206,034,250	58,731,559	147,302,691
GENERAL WATER:			
WATER CONVEYANCE	5,590,046	1,146,693	4,443,353
GENERAL WATER	12,128,388	5,325,260	6,803,128
TOTAL	17,718,434	6,471,953	11,246,481
SUBTOTAL	577,481,774	190,703,551	386,778,223
STATE OWNED PROJECTS:			
SWPP CAPITAL ASSETS	147,263,299	42,916,546	104,346,753
NAWS CAPITAL ASSETS	31,033,031	5,014,362	26,018,670
DEVILS LAKE OUTLET	8,717	0	8,717
TOTAL	178,305,047	47,930,908	130,374,140
DISCRETIONARY FUNDING:			
DISCRETIONARY FUNDING PROJECTS	13,728,080	7,438,174	6,289,906
BASINWIDE PLAN IMPLEMENTATION:			
BASINWIDE PLAN IMPLEMENTATION	410,367	74,984	335,384
TOTALS	1,027,078,237	335,085,142	691,993,095



TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary 
For Reice Haase

SUBJECT: SWPP Contract 1-1C – Modifications to Existing Intake Pump Stations -
Award and Funding Authorization Update

DATE: July 22, 2026

Through this memo a correction is requested to the contract award and funding authorization that was presented to the State Water Commission at the June meeting for the item titled "SWPP Contract 1-1C – Modifications to Existing Intake Pump Stations Award." The error resulted from a typographical mistake made by staff on the General Construction Contract's low bid from CC Steel in the memorandum.

The June 2026 memo included the award of SWPP Contract 1-1C General Construction with Bid Alternate G-1 to CC Steel, LLC in the amount of \$727,750. The correct amount is \$764,250. The funding authorization presented and approved at the June 2026 meeting was \$2.98 million. With the correction to the contract amount, the required funding authorization for all scopes of work, including Bid Alternate G-1 is \$3.02 million.

Updated Recommendation:

I recommend the State Water Commission authorize the Secretary to award SWPP Contract 1-1C General Construction with Bid Alternate G-1 to CC Steel, LLC in the amount of \$764,250, Contract 1-1C Mechanical Construction to Peterson Sheet Metal in the amount of \$612,500, and Contract 1-1C Electrical Construction to Edling Electric in the amount of \$1,137,000.

I recommend the State Water Commission allocate \$3.02 million to the Southwest Pipeline Project from funds appropriated in the 2025-2027 biennium.

RH:JF/1736-99

TO: Lt. Governor, Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: SWPP – Contract 2-2I Raw Water Main Transmission Pipeline
Replacement—Award Authorization

DATE: July 22, 2026



For Reice Haase

Background/Discussion:

The Department of Water Resources (DWR), in coordination with Southwest Pipeline Project's consulting Engineer, Bartlett & West/AECOM (BW/AECOM), is developing the plans and specifications for Contract 2-2I, Raw Water Main Transmission Pipeline Replacement, Dodge to Richardton. Publishing the advertisement for bids is planned for early August with a late August bid opening date.

Construction during late winter or early spring 2027 is beneficial for the project. To support the schedule, DWR staff is requesting authorization at the August State Water Commission meeting for the Secretary to award the contract to the lowest responsible bidder.

DWR staff evaluated Owner procurement of the pipeline and appurtenances for this project. After evaluation of the potential benefits Owner procurement is not being pursued. The primary advantages of the Owner procurement were the possibility of accelerating material delivery and achieving cost savings through the State's sales tax exemption. However, based on recent experience from the pre-procurement of equipment for the Existing Intake Modifications Project, staff concluded that pre-procurement did not improve delivery timelines. The main challenge was that material suppliers included numerous terms and conditions in their proposals resulting in prolonged contract negotiations. Suppliers typically negotiate directly with contractors and are generally not accustomed to submitting firm bids under State's procurement requirements. Conversely, contractors involved with public improvement construction routinely participate in competitive bidding and generally provide bids without such qualifications.

DWR staff concluded that the effective cost savings from the sales tax exemption would be less than the full 5% tax rate, as a separate procurement package would need to be developed in accordance with Office of Management and Budget (OMB) procurement requirements, resulting in additional time and associated costs. A traditional furnish-and-install contract also helps minimize the potential for change orders. Under this approach, the contractor is responsible for furnishing all materials required to complete the work and has direct control over suppliers to meet the project schedule.

Funding:

Funding authorization will be requested at the October SWC Meeting.

Recommendation:

I recommend the State Water Commission authorize the Secretary to award contract 2-2I, Raw Water Main Transmission Pipeline Replacement, to the lowest responsible bidder.

RH:JF/1736-99

TO: Lt. Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: NAWS – High Service Pump Station Operations and Maintenance Agreement
DATE: July 22, 2026


For Reice Haase

The City of Minot (City) and the Department of Water Resources (Department) have been working collaboratively to develop an Operations and Maintenance Agreement for the Northwest Area Water Supply Project's (NAWS) High Service Pump Station (HSPS). The attached draft agreement formally establishes the roles, responsibilities, and cost-sharing framework for the operation and maintenance of the facility, which serves both the City and the NAWS system.

Under the proposed agreement, the City will be responsible for the day-to-day operation of the pump station, including routine operations, normal maintenance, preventative maintenance, Supervisory Control and Data Acquisition (SCADA) alarm response, and maintaining maintenance records. The City will also provide the Department with bi-monthly maintenance and operational reports.

The Department, on behalf of the State Water Commission, will be responsible for ownership related obligations, including payment of electrical costs and property insurance. The Department, in consultation with the City, will determine the entity responsible for managing replacement and extraordinary maintenance projects eligible for funding through the NAWS project's Replacement and Extraordinary Maintenance (REM) fund.

The agreement establishes a cost-sharing methodology based on historical water usage. Using average system demand from 2023 through 2025, approximately 87 percent of the water pumped through the facility serves the City and 13 percent serves regional NAWS customers. Accordingly, the Department will reimburse the City for 13 percent of the eligible annual operations and maintenance costs for 2027. The reimbursement percentage will be recalculated annually using the previous three years of water usage to ensure an equitable allocation of costs as system demands change.

This agreement provides a clear framework for the long term operation and maintenance of the HSPS by defining responsibilities, establishing consistent reporting requirements, and implementing a transparent, data-driven cost-sharing approach.

Legal review and approval by the City council remains before the agreement can be finalized. Authorizing the Secretary to finalize and execute the agreement is requested.

NAWS – High Service Pump Station Operations and Maintenance Agreement

Page 2 of 2

July 22, 2026

I recommend the State Water Commission authorize the Secretary to finalize and execute the Northwest Area Water Supply Project - High Service Pump Station Operations and Maintenance Agreement between the State Water Commission and the City of Minot.

RH:BHH/237-4

Attachment

**NORTHWEST AREA WATER SUPPLY
HIGH SERVICE PUMP STATION OPERATIONS AND MAINTENANCE
AGREEMENT**

1. PURPOSE

This Agreement is between the state of North Dakota, acting by and through the State Water Commission (SWC), and the City of Minot, acting by and through its Mayor and City Council (City) regarding Operations and Maintenance for the High Service Pump Station (HSPS) and associated equipment.

This agreement provides the terms and conditions upon which the parties must jointly provide for operation and maintenance of the HSPS.

2. BACKGROUND

The SWC owns the Northwest Area Water Supply (NAWS) Project. Department of Water Resources, (Department) a state agency is responsible for the construction administration, operations, and maintenance of NAWS on behalf of the SWC. The infrastructure for the NAWS Project, includes a HSPS located near the City's Water Treatment Plant. The construction of the HSPS was completed in 2012. The HSPS houses four 250 hp pumps, that are operated to supply the City. The HSPS also contains five pumps (4 – 350 hp pumps and 1 – 125 hp pump) that are operated to distribute water for NAWS including connections for City of Minot. An additional pump for distributing water for NAWS may be added in the future.

3. DEFINITIONS

Extraordinary Maintenance is defined as non-routine maintenance and repair work performed to restore an existing facility, system, or component to an operating condition when needs arise beyond normal maintenance—including work prompted by unexpected failures, accelerated deterioration, accidents, or force majeure/acts of God (e.g., weather/climate related).

Normal Maintenance is defined as routine, scheduled activities that keep the station operating safely, reliably, and efficiently. Example of Normal Maintenance activities include upkeep of the facility including cleaning, mowing etc.

Operations is defined as set point changes, abnormal operating condition troubleshooting, and visible and audible monitoring.

Operation and Maintenance include Operations, Normal Maintenance, Replacement, and Routine Preventative Maintenance.

Replacement is defined as installing parts, systems, or components similar to what currently exists with the intention of preserving or improving existing service levels.

Routine Preventative Maintenance is defined as tasks identified in the manufacturer's manual, as well as identified by the State and the City. These tasks could occur weekly, monthly, annual, etc. A non exclusive list of Routine Preventative Maintenance activities are included in Appendix A.

Replacement and Extraordinary Maintenance (REM) fund is the fund maintained by the Department for the NAWS project through the collection of REM rate from NAWS customers including the City of Rugby.

4. EFFECTIVE DATE AND TERM OF AGREEMENT

This Agreement becomes effective on January 1, 2027 and this agreement shall remain in effect until terminated by either parties.

5. ROLES AND RESPONSIBILITIES

This section outlines the roles and responsibilities between the Department and the City.

5.1. City's Responsibilities:

- The City is responsible for the Normal Maintenance and Routine Preventative Maintenance of the HSPS.
- The City will maintain a log of the completed Normal Maintenance and Routine Preventative Maintenance and provide a bi-monthly report to the Department. The bi-monthly report will be provided before the 15th of the following month.
- A report with information on daily maximum, minimum, and average flow rates and pressures from each of the pumps will be included in the bi-monthly report to the Department.
- The City is responsible for the Operations of the four 250 hp pumps providing water exclusively to the City within the design parameters of the pumps. The pump curve indicates a maximum flow rate of 3,200 gallons per minute.

- The Operations of the four 250 hp pumps are set by City of Minot operators and controlled by the Supervisory Control and Data Acquisition (SCADA) system.
- The City can change the set points on the SCADA system within the design parameters.
- The City will discuss any changes to the set points or operational parameters on the SCADA system outside the design parameters with the Department before such changes are implemented.

The City is responsible for the Operations of the four 350 hp pumps and the one 125 hp pump that serves the NAWs connections within the design parameters of the pumps. The pump curve indicates a max flow rate of 4,000 gallons per minute.

- The Operations of the four 350 hp pumps and the one 125 hp pump are set by City of Minot operators in consultation with Department input and controlled by the SCADA system.
- The 350 hp and the 125 hp pumps will be operated between 140 – 145 psig. The City will discuss with the Department any changes outside of the noted range. In the event of an emergency, the City shall notify the Department's on call operator via phone call as soon as possible.
- The City will notify the Department of any Normal Maintenance activity that could disrupt the Operations of the pumps that serves NAWs connections.
- The City is responsible for acknowledging and investigating the SCADA alarms related to the HSPS.
- The City will track the costs for the Operations, Normal Maintenance and Routine Preventative Maintenance of the HSPS including staff salaries, benefits, expenses for materials and services. For the 2027 calendar year, labor costs shall be billed at a fixed rate of \$65.00 per labor hour for each City employee performing eligible Operations, Normal Maintenance, or Routine Preventative Maintenance activities at the HSPS. The fixed hourly labor rate is intended to include all employee wages, overtime, payroll taxes, employee benefits, leave, supervision, administrative overhead, routine hand tools, city vehicle use, fuel, standard operating equipment required to perform the work. Labor costs will be adjusted annually and City will inform the Department by August 1st of each year the labor rate for the following year.
- The City will track consumables and other outside services necessary for completing Operations, Normal Maintenance, and Routine Preventative Maintenance and will bill the actual costs to the Department with supporting information.

5.2. Department's Responsibilities:

- The Department is responsible for the electricity billing at the HSPS.
- The Department is responsible for insuring the facility and pay for the property insurance.
- The Department will reimburse the City its share of the Normal Maintenance and the Routine Preventative Maintenance of the HSPS in Section 6 below.
- Department will seek SWC approval for projects that are eligible for REM funds.
- The Department in consultation with the City will determine the entity responsible for managing the REM projects at the HSPS that will be funded using the NAWS project's REM fund.

6. COST SHARING OF THE OPERATIONS AND MAINTENANCE OF HSPS

Based on the water usage data between 2023 – 2025, the proportion of the water usage between the City and the other NAWS connections is estimated as 87% - City and 13% - other NAWS connections. Based on that estimate, the Department agrees to reimburse the City 13% of the Operations and Maintenance costs of the HSPS, in 2027.

The proportion of the water usage between the City and the other NAWS connections will be estimated annually in January of each year using the prior 3 years of data and will be used for estimating the reimbursement percentage from the Department to the City for that year.

7. TERMINATION

The SWC may terminate this Agreement effective upon delivery of written notice to the city, or at such later date as may be established by the SWC under any of the following conditions:

- a. If federal or state regulations or guidelines are modified, changed, or interpreted, in such a way that the services are no longer allowable or appropriate for purchase under this Agreement or are no longer eligible for the funding proposed for payments authorized by this Agreement.
- b. If any license or certificate required by law or regulation to be held by the City to provide the services required by this Agreement is for any reason denied, revoked, or not renewed.

- c. Any such termination of this Agreement shall be without prejudice to any obligations or liabilities of either party already accrued prior to such termination.
- d. The SWC by written notice of default (including breach of contract) to the City may terminate the whole or any part of this Agreement if the City fails to perform any of the other provision of this Agreement, or so fails to pursue the work as to endanger performance of this Agreement in accordance with its terms, and after receipt of written notice from the SWC, fails to correct such failures within thirty days or such longer period as the SWC may authorize.
- e. The City may terminate this Agreement, effective upon delivery of written notice to the SWC, or at such later time as may be established by the City, if the SWC fails to perform any of the provisions of this Agreement and after receipt of written notice from the City, fails to correct such failures within thirty days or such longer period as the City may authorize.
- f. The rights and remedies of the SWC provided in the above clause related to defaults (including breach of contract) by the City shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Agreement. The rights and remedies of the City related to defaults (including breach of contract) by the SWC shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Agreement.
- g. This Agreement may be terminated by mutual consent of both parties in writing.

8. ACCESS TO RECORDS

The SWC and its duly authorized representatives shall have access to the books, documents, papers and records of the City which are directly pertinent to the specific Agreement for the purpose of making audit, examination, excerpts, and transcripts.

9. APPLICABLE LAW

This Agreement shall be governed by and construed in accordance with the laws of the state of North Dakota.

10. CAPTIONS

The captions or headings in this Agreement are for convenience only and in no way define, limit, or describe the scope or intent of any provisions of this Agreement.

|

11. AMENDMENTS

The terms of this Agreement shall not be waived, altered, modified, supplemented, or amended, in any manner whatsoever, except by written instrument signed by both parties.

12. SUCCESSORS IN INTEREST

The provisions of this Agreement shall be binding upon and shall inure to the benefit of the parties hereto, and their respective successors and assigns.

13. SEVERABILITY

The parties agree that if any term or provision of this Agreement is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular term or provision held to be invalid.

14. WAIVER

The failure of the SWC to enforce any provisions of this contract shall not constitute a waiver by the SWC of that or any other provision.

15. ASSIGNMENT

The provisions of this Agreement shall apply to and bind the successors and assigns of the respective parties, but no assignment or transfer of this Agreement, or any part hereof or interest herein, shall be valid until and unless approved by the SWC. The SWC shall not approve any assignment or transfer to any water user entity unless and until the water user entity to which it is proposed that this Agreement be transferred or assigned has the necessary ability to satisfy the obligations of this Agreement.

16. MERGER CLAUSE

This Agreement constitutes the entire agreement between the parties. No waiver, consent, modification or change of terms of this Agreement shall bind either party unless in writing and signed by both parties. Such waiver, consent, modification or change, if made, shall be effective only in the specific instance and for the specific purpose given. There are no understandings, agreements, or representations, oral or written, not specified herein regarding this Agreement. The City, by the signature below of its authorized representative,

hereby acknowledges that the City has read this Agreement, understands it and agrees to be bound by its terms and conditions.

17. FORCE MAJEURE

Neither Party shall be held responsible for delay or default caused by fire, riot, terrorism, pandemic (excluding COVID-19), acts of God, or war if the event was not foreseeable through the exercise of reasonable diligence by the affected Party, the event is beyond the Party's reasonable control, and the affected Party gives notice to the other Party promptly upon occurrence of the event causing the delay or default or that is reasonably expected to cause a delay or default.

18. NOTICE

All notices or other communications required under this Agreement must be given by registered or certified mail and are complete on the date postmarked when addressed to the parties at the following addresses:

Department	City
Name: Brandon Hicks	Name: Jason Sorenson
Title: NAWS Project Manager	Title: Utilities Director
Address: 1200 Memorial Highway	Address: PO Box 5006
City, State, Zip code: Bismarck, ND 58503	City, State, Zip code: Minot, ND 58701

Notice provided under this provision does not meet the notice requirements for monetary claims against the State found at N.D.C.C. § 32-12.2-04.

19. SPOILATION

City shall promptly notify SWC of all potential claims that arise or result from this Agreement. City shall also take all reasonable steps to preserve all physical evidence and information that may be relevant to the circumstances surrounding a potential claim, while maintaining public safety, and grants to SWC the opportunity to review and inspect such evidence, including the scene of an accident.

NORTH DAKOTA STATE WATER COMMISSION

1200 Memorial Highway
Bismarck, ND 58504

By: _____

|

Title: Secretary, North Dakota State Water Commission

Date: _____

CITY OF MINOT

PO Box 5006

Minot, ND 58702

By: _____

Title: Mayor, City of Minot

Date: _____

DRAFT

Appendix A

Routine Preventative Maintenance

Routine Preventative Maintenance is defined as tasks identified in the manufacturer's manual, as well as identified by the State and the City. These tasks could occur weekly, monthly, annual, etc. A non-inclusive list of examples of Routine Preventative Maintenance activities are listed below.

Pumps-

- Weekly- packing greasing
- Yearly- valve exercising
- Yearly- pump chamber inspection of suction side columns

Motors-

- Weekly- motor vibrations check
- Quarterly- motor bearing greasing
- Yearly- motor bearing oil change

Check Valves-

- Weekly- greasing

Crane Service-

- Yearly- greasing and lubrication of bearings, rollers, spool, and cable

HVAC-

- Weekly- filter check
- Quarterly- filter change, bearing greasing, belt inspection
- Yearly- condenser cleaning, exhaust fan bearing greasing and belt check, heater inspections in pump room

Compressors-

- Weekly- check oil level, operating pressures, air filter, blow down condensate build- up
- Yearly- change oil, oil filter, and air filter

Power Panels-

- Yearly- housekeeping and fuse inspection

Analyzer Maintenance-

- Weekly- check reagents, standards, cleaner levels, and any alarm faults
- Yearly- tubing replacement performed by Hach

Fire Alarm/ Detector-

- Yearly- test system & check batteries

Lights Interior/Exterior-

- Any time of year - change out with new when needed

HSPS Building-

- Quarterly- clean floors, wipe horizontal services, and maintain organization

Perimeter Sump Pumps-

- Weekly- inspection running conditions and sump level

Generator-

- Weekly- inspect the following: coolant level, coolant temp, exhaust filters, fuel filters, oil filters, alarm status, battery terminals, battery charging system, leaks, diesel level, drive belt, and louvers.
- Monthly- run generator, log run hours, have ATS operate, and log diesel level
- Bi-annually- change coolant, change oil, change oil filters, change fuel filters

HSPS Compound-

- Weekly- lawn care, snow removal, and pest control

TO: Lt. Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: NAWS – Replacement and Extraordinary Maintenance – Isolation Vault #2 Repairs

DATE: July 23, 2026



For Reice Haase

The State Water Commission collects and maintains a reserve fund for Replacement and Extraordinary Maintenance (REM) from water sales revenues from the Northwest Area Water Supply (NAWS) system. Funds are collected on all NAWS contracts including all users served through the City of Minot's contract, all communities and rural water systems served through the NAWS infrastructure, and the City of Rugby. The State Water Commission adopted a policy for using the REM funds for the NAWS project at its June 2012 meeting and revised that policy at its June 2026 meeting. The policy adopted notes that a single project exceeding \$20,000 is eligible for reimbursement from REM funds.

There are three underground isolation vaults located along the pipeline between the Pressure Reducing Station south of Minot and the Minot Water Treatment Plant (WTP), which currently delivers water from the Sundre aquifer to the WTP. Improvements to these vaults were completed under NAWS Pressure Reducing Station and Isolation Vault Improvements Contract SA No. 98. In early December 2025, Isovault 2 was discovered to be completely flooded, resulting in the loss of all electrical and instrumentation upgrades. An investigation determined that low discharge pressure at the Minot Sundre Booster Pump Station likely caused the flooding. DWR staff have discussed these findings with City of Minot staff, who will now ensure that minimum discharge pressure is maintained.

A quote was obtained to restore the electrical and instrumentation components of isolation vault #2. The quote is under review. The cost estimate for this work is \$110,000.

The NAWS REM fund balance as of May 31 is \$4,558,130.

I recommend the State Water Commission approve isolation vault #2 repairs as an eligible Replacement and Extraordinary Maintenance project.

RH:BHH/237-5

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: NDSWC Cost-share Request – Burke County Water Resource District (WRD)
North Star Dam Removal Project - Construction

DATE: July 27, 2026


For Reice Haase

Background & Description

Burke County WRD (Sponsor) is requesting construction cost-share for their North Star Dam Removal Project (Project). North Star Dam is a low-hazard dam constructed by the Works Progress Administration in 1939 for irrigation use. Due to lack of local landowner interest in using the dam for irrigation purposes and safety hazards associated with the aging structure, the Sponsor has chosen to remove the dam. The Project includes removal of the existing rubble masonry dam and restoring the natural channel for approximately 1.4 miles south of structure. The Project is 10.5 miles north of Bowbells in Burke County.

Supplemental Information

Water Development Plan/Priority	2025 / Moderate
DWR Construction Permit	Not Required

Completion Timeline

Study	June 2026
Design	April 2026
Bid	June 4, 2026
Construction Start	August 2026
Completion	June 2027

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Previously Approved	Recommend
Noneligible Cost	\$0	\$0	\$0		
Eligible Cost	\$136,250	\$308,804	\$445,054		
Total:	\$136,250	\$308,804	\$445,054		
Cost-Share 60%	\$81,750	\$185,282	\$267,032	\$68,490 (2/13/24) \$13,260 (5/20/26)	\$185,282

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, Burke County WRD's request for state cost-share participation in the North Star Dam Removal Construction Project is eligible for consideration, contingent upon available funding, at 60% of eligible costs for a state cost-share amount not to exceed \$185,282.

RH:bn:af/2215

1088147 - NorthStar Dam Removal -Construction Funding

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: Submitted
Stage: Final Application

Initial Submit Date: Jun 9, 2026 8:07 AM
Initially Submitted By: john moen
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Mr. Mandar Nangare
Salutation First Name Middle Name Last Name
Title: Senior Water Resources Engineer
Email*: MNangare@barr.com
Address*: 4585 Coleman Street
Suite 200
Bismarck North Dakota 58503
City State/Province Postal Code/Zip
Phone*: (701) 255-5474 Ext.
Phone
###-###-####
Fax: ###-###-####
Comments:

Organization Information

Status*: Approved

Name*: Burke County Water

Organization Type*: Political Subdivision

Tax Id: 45-0379661

Organization Website:

Address*: box 305

Phone*: powers lake North Dakota 58773-____
City State/Province Postal Code/Zip
701-240-1775 Ext.
###-###-####

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

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #:

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: NorthStar Dam Removal

Sponsor(s)*: Burke County Water Resource Board

County*: Burke

City*: Bowbells

Description of Request*: New

Project Type: DAM Safety/EAP

If Project is a Study, What Type?: Other

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

Jurisdictions/Stakeholders

Involved*:

Burke County Water Resource Board

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

The Burke County Water Resource Board completed engineering and permitting associated with NorthStar Dam Removal Project (SWC Project No. 2215). The Board recently received approval from the DWR to complete required cultural resources mitigation efforts required by the law. Cultural resources mitigation work is on schedule to be completed by mid-July 2026. The Board is the process of removing NorthStar Dam, a low-head rubble masonry dam located on the Stoney Run Creek near Bowbells, ND. The dam is an old aging structure and poses safety risk. Removing the dam will eliminate safety hazard associated with aging infrastructure.

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

The project was issued to bid on May 6, 2026. Public bid opening took place on June 4, 2026. A qualified contractor was selected, by following selection process as outlined in North Dakota Century Code (NDCC) Chapter 48-01.2.

Describe the Objectives or Goals Specific to This Application*:

Scope of work includes the labor, materials, tools, and equipment required to remove an existing rubble masonry dam, grade and restore natural channel for approximately 1.4 miles south of structure, and restoration of disturbed areas. This will restore the natural flow of Stoney Run Creek and improve safety.

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

Scope of work includes the labor, materials, tools, and equipment required to remove an existing rubble masonry dam, grade and restore natural channel for approximately 1.4 miles south of structure, and restoration of disturbed areas. This will restore the natural flow of Stoney Run Creek and improve safety.

For this project,

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

What is the Current Estimated Population*:	2200
---	------

For this project,

What is the Benefited Population*:	2200
---	------

Have Assessment Districts Been Formed*:	N/A
--	-----

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

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

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

Have You Applied For Any Federal Permits?*: Yes

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

We applied for and received Nationwide Section 404 permit from the US Army Corps of Engineers. NWO-2025-01296-BIS

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

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

We applied for and received Nationwide Section 404 permit from the US Army Corps of Engineers. NWO-2025-01296-BIS

Have You Applied for any State Permits?*: N/A

Have You Applied for any Local Permits?*: N/A

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

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

(Example: Hazard Mitigation Grant Program)

***:**

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: June 2026

Design Completion*: April 2026
Bid*: June 2026
Construction Start*: August 2026
Construction Completion*: June 2027

Explain Additional Timeline

Issues*:

Project was Issued to Bid (IFB) on May 6, 2026.
Bid opening and contractor selection took place on June 4, 2026
Construction to start August 2026
Substantial completion of work by April 2027
Final completion of work by June 2027

Consulting Engineer*: Barr Engineering Co.
Engineer Direct Phone Number*: 701-255-5474
Engineer Email*: MNangare@barr.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*: John Moen 04/28/2026
First Name Last Name Date
Title/Position/Authority*: Chairman, Burke County Water Resource Board
Address*: po box 305
Address Line 1
Address Line 2
powers lake North Dakota 58773-____
City State Zip Code
Direct Phone Number*: 701-240-1775
Sponsor Email*: jbmoen@nccray.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:

john moen
First Name Last Name

Authorized Signor Title/Position:

chairman burke county water board

Authorized Signor Email:

jbmoen@nccray.com

Authorized Signor Direct Phone Number:

701-240-1775

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

Belinda Moen
First Name Last Name

Additional Board Member Title/Position:

secretary

Additional Board Member Email:

jbmoen@nccray.com

Additional Board Member Direct Phone Number:

701-648-9899

Documentation

Documentation

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

No

[CLICK HERE to see examples.](#)

Project Specific Map

Figure 1 NorthStar Dam Vicinity 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:

Burke County Water Board Meeting 06-08-2026.pdf

Cover Letter:	CoverLetter.pdf
Are You Seeking Cost-Share for a Main Street Initiative Related Project?:	No
CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.	
Delineation of Costs SFN 61801:	sfn_61801_delineation_of_cost.xlsx
Type of Request:	Construction
Signed Plans and Specifications For Bidding:	NorthStar Dam Removal Project Manual.pdf
Is This a Water Supply Project?:	No
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:	34071019_NorthStar Dam Removal.pdf
Photos of Problem/Issue:	
GIS Files:	Please Compress All Files Into One .zip File.
Other Applicable Document(s):	Yes
Other Applicable Document:	BidTab_NorthStarDamRemoval_10181042.xlsx

Other Applicable Document: NorthStar Dam Removal Cost Estimate Barr.pdf

Other Applicable Document:

Sources

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

Source	If Other, Specify Funding Source	Source Status	State Fiscal			Total Cost	Type	Term	Interest Rate
			State Fiscal Year 1 July to June	Year 2 July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Construction		Current Request	\$185,282.25	\$0.00	\$0.00	\$185,282.25		0.00	0.00
			\$185,282.25	\$0.00	\$0.00	\$185,282.25			



DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

Bid Date June 4, 2026

DWR Date Received : June 09, 2026

Date :	6/8/26
Project :	NorthStar Dam Removal
Sponsor :	Burke County Water Resource Board
Contact :	John Moen, Chairman
Phone :	701-240-1775
Engineer :	Mandar Nangare, Barr Engineering Co.
Phone :	701-255-5474

Total Cost :	\$ 445,053.75	Total Cost-Share* :	\$ 267,032.25
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 445,053.75	Preconstruction :	\$ 81,750.00
Local Cost :	\$ 178,021.50	Construction :	\$ 185,282.25

Project Type:	Cost-share %
Dam - Deficiencies and Repairs	60%

	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs							
Item 1	% of Cost 0.0%	0		-	\$ -	60%	\$ -
2	0.0%	0		-	\$ -	60%	\$ -
3	0.0%	0		-	\$ -	60%	\$ -
4	0.0%	0		-	\$ -	60%	\$ -
5	0.0%	0		-	\$ -	60%	\$ -
	0.0%				\$ -	60%	\$ -
					\$ -	60%	\$ -

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs							
6	25.6%	1	LS	114,150.00	\$ 114,150.00	60%	\$ 68,490.00
7	5.0%	1	LS	22,100.00	\$ 22,100	60%	\$ 13,260.00
8	0.0%	0		-	\$ -	60%	\$ -
9	0.0%	0		-	\$ -	60%	\$ -
10	0.0%	0		-	\$ -	60%	\$ -
	30.6%				\$ 136,250.00	60%	\$ 81,750.00
					\$ 136,250.00	60%	\$ 81,750.00

Preconstruction
previously
approved.

Construction Engineering Costs							
11	3.0%	1	LS	13,426.25	\$ 13,426.25	60%	\$ 8,055.75
12	0.0%	0		-	\$ -	60%	\$ -
13	0.0%	0		-	\$ -	60%	\$ -
14	0.0%	0		-	\$ -	60%	\$ -
	3.0%				\$ 13,426	60%	\$ 8,055.75
					\$ 13,426	60%	\$ 8,055.75

Construction Costs							
15	2.7%	1	EA	12,000.00	\$ 12,000.00	60%	\$ 7,200.00
16	0.0%	0		-	\$ -	60%	\$ -
17	0.0%	0		-	\$ -	60%	\$ -
18	5.2%	1	EA	23,025.00	\$ 23,025.00	60%	\$ 13,815.00
19	2.2%	1	LS	10,000.00	\$ 10,000.00	60%	\$ 6,000.00
20	1.1%	1	EA	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
21	1.1%	1	EA	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
22	35.1%	1	LS	156,000.00	\$ 156,000.00	60%	\$ 93,600.00
23	11.2%	1	LS	50,000.00	\$ 50,000.00	60%	\$ 30,000.00
24	0.6%	1	LS	2,500.00	\$ 2,500.00	60%	\$ 1,500.00
25	1.1%	1	LS	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
26	0.0%	0		-	\$ -	60%	\$ -
27	0.0%	0		-	\$ -	60%	\$ -
28	0.0%	0		-	\$ -	60%	\$ -
29	0.0%	0		-	\$ -	60%	\$ -
30	0.0%	0		-	\$ -	60%	\$ -
31	0.0%	0		-	\$ -	60%	\$ -
32	0.0%	0		-	\$ -	60%	\$ -
33	0.0%	0		-	\$ -	60%	\$ -
34	0.0%	0		-	\$ -	60%	\$ -
35	0.0%	0		-	\$ -	60%	\$ -
36	0.0%	0		-	\$ -	60%	\$ -
					\$ 268,525.00	60%	\$ 161,115.00
	6.0%				\$ 26,852.50	60%	\$ 16,111.50
	0.0%	0		-	\$ -	60%	\$ -
	66.4%				\$ 295,377.50	60%	\$ 177,226.50

Eligible Preconstruction	\$ 136,250.00	60%	\$ 81,750.00
Eligible Construction	\$ 308,803.75	60%	\$ 185,282.25
Eligible Total	\$ 445,053.75	60%	\$ 267,032.25

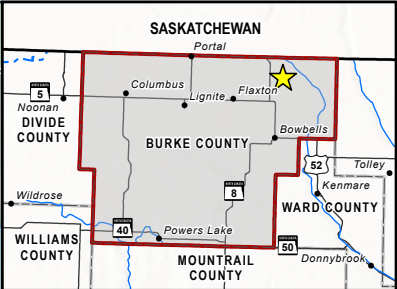
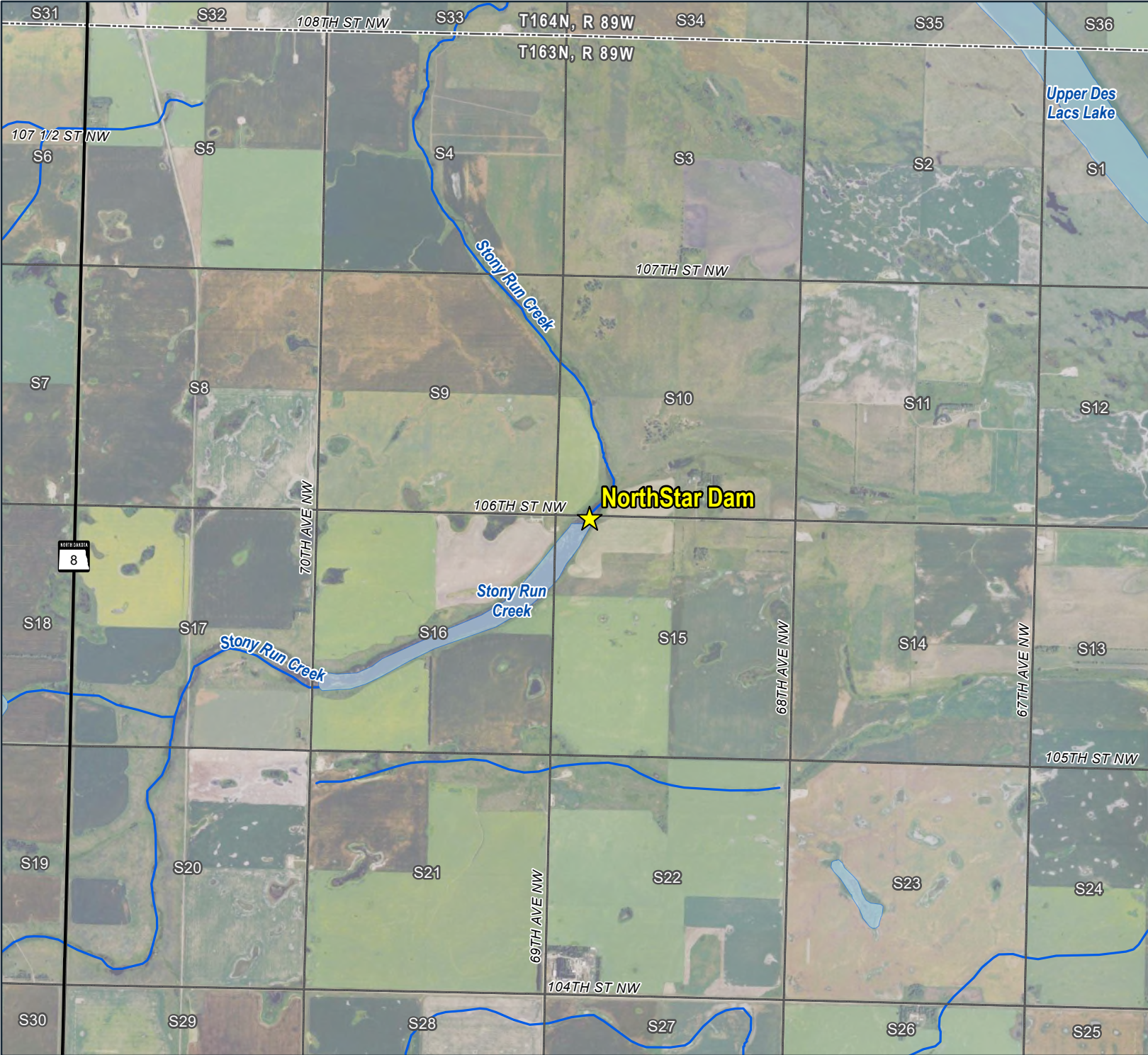
Ineligible Preconstruction Costs							
37	0.0%	0		-	\$ -	0%	\$ -
38	0.0%	0		-	\$ -	0%	\$ -
39	0.0%	0		-	\$ -	0%	\$ -
40	0.0%	0		-	\$ -	0%	\$ -
	0.0%				\$ -	0%	\$ -
					\$ -	0%	\$ -

Ineligible Construction Costs							
41	0.0%	0		-	\$ -	0%	\$ -
42	0.0%	0		-	\$ -	0%	\$ -
43	0.0%	0		-	\$ -	0%	\$ -
44	0.0%	0		-	\$ -	0%	\$ -
	0.0%				\$ -	0%	\$ -
					\$ -	0%	\$ -

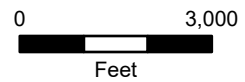
100.0%	Ineligible Total	\$ -	0%	\$ -
	Project Total	\$ 445,053.75		

Federal or State Funds That Supplant Costs	\$ -
Eligible Cost Total	\$ 445,053.75
	60%
	\$ 267,032.25

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



- ★ NorthStar Dam Location
- Major Highway
- ~ Rivers and Streams
- - - Public Land Survey Township
- Public Land Survey Section



Imagery: USDA NAIP (2024)

Vicinity Map
NorthStar Dam
Burke County
Water Resources Board
Burke County, ND

FIGURE 1





Figure 2. North Star Dam



Figure 3. North Star Dam spillway

June 8, 2026

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

Subject: North Star Dam Removal Project – Construction Funding Cost Share Request
 Burke County, ND

Dear Mr. Haase,

The Burke County Water Resource Board (Board) has been working on NorthStar Dam Removal (Project) with cost share assistance from the ND Department of Water Resources (Department) under SWC Project Number 2215 (January 2024). On May 20, 2026, the DWR approved a cost share request in the amount of \$13,260 to complete cultural resources mitigation efforts required under the law. The cultural resource mitigation work is scheduled to be completed on schedule.

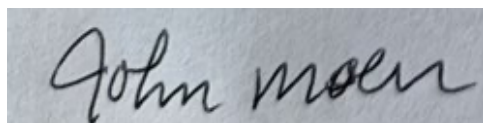
The Project was issued to bid in May 2026. Public bid opening meeting took place on June 4, 2026. The Board received five (5) qualified bids. The Board reviewed information submitted by the bidders and decided to engage into contract negotiations with C3 Energy Partners; the apparent lowest bidder amongst the five bids received. Along with the construction cost, we are also requesting 10% construction contingency and 5% construction engineering support. The breakdown is shown below:

Item	Cost (\$)
Estimated Construction Cost	\$268,525.00
Add 10% Construction Contingency	\$26,852.50
Add 5% Construction Engineering	\$13,426.25
Estimated Total	\$308,803.75
DWR Cost Share (Construction, 60%)	\$185,282.25
Local Share (40%)	\$123,521.50

The proposed construction cost for NorthStar Dam Removal, including 10% construction contingency and 5% construction engineering support estimated to be \$308,803.75. With this construction funding cost share request, the Board would respectfully like to request 60% in eligible cost share assistance from the DWR for \$185,282.25.

If you have any questions, please feel free to contact me at 701-240-1775.

Sincerely,



John Moen
 Chairman,
 BURKE COUNTY WATER RESOURCE BOARD

Burke County Water Board Meeting
June 8, 2026

Present: Chairman John Moen, Board Members: Shannon Holter and Jordan Hawbaker
Others Present: Mandar N. (Barr Engineering Co.), Jon Lennander (Barr Engineering Co.)

Meeting Called to by John Moen

NorthStar Dam Removal – Burke County Water Resource Board (Board) discussed NorthStar Dam Removal Project. Public bid opening for NorthStar Dam Removal Project took place on June 4, 2026. The Board received 5 qualified bids. Barr Engineering Co. (Barr) reviewed the bid documents for all bidders and informed that the bidders meet minimum qualifications outlined in the Project Manual. Following is the breakdown of bids received:

Contractor Name	Base Bid Total (\$)
C3 Energy Partners	\$268,525.00
Hanson's Excavating Inc.	\$531,025.00
Park Construction Company	\$541,320.00
Bluestone Construction Inc.	\$632,250.00
Farden Construction, Inc.	\$1,123,456.78

The Board made a motion to notify C3 Energy Partners, as the apparent lowest bidder, to begin contract negotiations. Motion was made by Jordan Hawbaker. Seconded by Shannon Holter. Motion carried.

The Board made a motion to submit a cost share request to the Department of Water Resources requesting construction funding at 60% cost share. In the request, the Board will also include 10% towards construction contingency and 5% towards construction engineering. Following is the breakdown as shown:

Item	Cost (\$)
Estimated Construction Cost	\$268,525.00
Add 10% Construction Contingency	\$26,852.50
Add 5% Construction Engineering	\$13,426.25
Estimated Total	\$308,803.75
DWR Cost Share (Construction, 60%)	\$185,282.25
Local Share (40%)	\$123,521.50

Motion was made by Jordan Hawbaker. Seconded by Shannon Holter. Motion carried.

Meeting Adjourned

Belinda Moen Sec./Treas.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: NDSWC Cost-Share Request – Garrison Diversion Conservancy District (GD CD)
MM 10R Irrigation Project - Construction

DATE: July 27, 2026


For Reice Haase

Background & Description

The GD CD (Sponsor) is requesting construction cost-share funding for the Mile Marker (MM) 10R Irrigation Project (Project). The purpose of the Project is to develop central supply works in Section 19 of Township 147 North, Range 80 West, to service 214 acres. The Project is located one mile northwest of the City of Turtle Lake in McLean County.

Supplemental Information

Water Development Plan Priority	No
DWR Water Permit	1416

Completion Timeline

Task	Dates
Design	Complete
Bid	Sept. 2026
Construction Start	Oct. 2026
Completion	May 2027

Cost-Share Funding Summary

	Preconstruction	Estimated Construction	Total	Previously Approved	Recommend
Noneligible Cost	-	-			
Eligible Cost	\$25,000	\$338,305	\$363,305		
Total	\$25,000	\$338,305	\$363,305		
Cost-Share 75% (Requested)	\$18,750	\$253,729	\$272,479	\$18,750 (1/15/26)	\$253,729

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, GD CD's request for state cost-share participation in the MM 10R Project is eligible for consideration, contingent upon available funding, at 75% of eligible costs for a state cost-share amount not to exceed \$253,729.

RH:af/2260

1088318 - MM 10R Irrigation Project

Application Details

Funding Opportunity:	1088301-July 2026 - June 2027 Infrastructure Request
Funding Opportunity Due Date:	Jun 30, 2027 3:00 PM
Program Area:	Funding for Infrastructure in ND - FIND
Status:	Submitted
Stage:	Final Application
Initial Submit Date:	Jun 23, 2026 3:17 PM
Initially Submitted By:	Ryan Anderson
Last Submit Date:	Jun 23, 2026 4:24 PM
Last Submitted By:	Ryan Anderson

Contact Information

Primary Contact Information

Active User*:	Yes
Type:	External User
Name:	Salutation Ryan Middle Name Anderson First Name Last Name
Title:	Engineer
Email*:	ryana@gdcd.org
Address*:	PO Box 140

	Carrington North Dakota 58421
	City State/Province Postal Code/Zip
Phone*:	701-650-6001 Ext. Phone ###-###-####
Fax:	###-###-####

Comments:

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 58421-0140
City State/Province Postal Code/Zip
Phone*: (701) 650-6194 Ext.
###-###-####
Fax: (701) 652-3195
###-###-####

Vendor ID:
PeopleSoft Supplier ID:
Comments:
Location Code:
SAM UEI #: 176141000
SAM Validation:
SAM Expiration Date:
SAM Exclusion Flag:
SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: MM 10R Irrigation Project
Sponsor(s)*: Garrison Diversion Conservancy District
County*: Foster
City*: Carrington
Description of Request*: New
Project Type: Irrigation
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*:

Garrison Diversion Conservancy District, Bureau of Reclamation

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

An irrigation project has been selected by Garrison Diversion. The project will service approximately 214 acres for multiple irrigators. Garrison Diversion is requesting 75% cost share funding, not to exceed \$266,568 for costs associated with the construction of the project. In addition to the cost for constructing the on-farm portion (pivots, pipe lines and power supply to the pivots) of an irrigation project the irrigators also have costs for constructing the off-farm portions (pump site, power to the pump site, main water transmission line). All these costs can make funding the construction of an irrigation project not feasible for irrigators.

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

With the aid of the 75% cost sharing, it reduces the cost of an irrigation project making the projects more affordable to construct.

Describe the Objectives or Goals Specific to This Application*:

To continue to develop and promote new irrigation projects within the State of North Dakota.

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

The scope of work associated with this project would be to construct the off-farm portion of the selected irrigation project.

For this project,

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

What is the Current Estimated Population*:	3
---	---

For this project,

What is the Benefited Population*:	3
---	---

Have Assessment Districts Been Formed*:	N/A
--	-----

Have Land or Easements Been Acquired*:	N/A
---	-----

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

No

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

No

Have You Applied For Any Federal Permits?*

N/A

Have You Applied for any State Permits?*

N/A

Have You Applied for any Local Permits?*

N/A

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

No

Have You Received, or Do You Anticipate Receiving Federal Funding?

No

(Example: Hazard Mitigation Grant Program)

*,

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*

N/A

Design Completion*

6/20/26

Bid*

9/1/2026

Construction Start*

10/1/2026

Construction Completion*

5/1/2027

Explain Additional Timeline

Issues*

Construction completion is anticipated to be completion would be preferred to be completed in 2026 so that the irrigation system is operating for the 2027 irrigation season, however, fall and winter weather conditions will determine completion date.

Consulting Engineer*

AE2S

Engineer Direct Phone Number*

701-221-0530

Engineer Email*

Jesse.Kist@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.*:

Authorized Individual*:	Ryan Anderson 06/23/2026
	First Name Last Name Date
Title/Position/Authority*:	Engineer
Address*:	PO Box 140
	Address Line 1
	Address Line 2
	Carrington North Dakota 58421-_____
	City State Zip Code
Direct Phone Number*:	701-652-3194
Sponsor Email*:	ryana@gdcd.org
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:	Jay Anderson
	First Name Last Name
Authorized Signor Title/Position:	Chairman of the board
Authorized Signor Email:	janderson61@gmail.com
Authorized Signor Direct Phone Number:	701-652-3194
Provide the Name for One Additional Board Member, if Applicable:	First Name Last Name

Additional Board Member**Title/Position:****Additional Board Member Email:****Additional Board Member Direct****Phone Number:**

Documentation

Documentation

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

CLICK HERE to see examples.

Project Specific Map MM 10R Project Location and Layout.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 MM 10R cost estimate.xlsx

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

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

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

Minutes: Resolution SWC Construction Cost-share Application MM 10R.pdf

Cover Letter: MM 10R - Construction Cost Share Request Cover Letter.pdf

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

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

Delineation of Costs SFN 61801: sfn_61801_delineation_of_cost - MM 10R Construction.xlsx

Type of Request: Construction

Signed Plans and Specifications For Bidding: MM 10R plans and specs.pdf

Is This a Water Supply Project?: No

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.

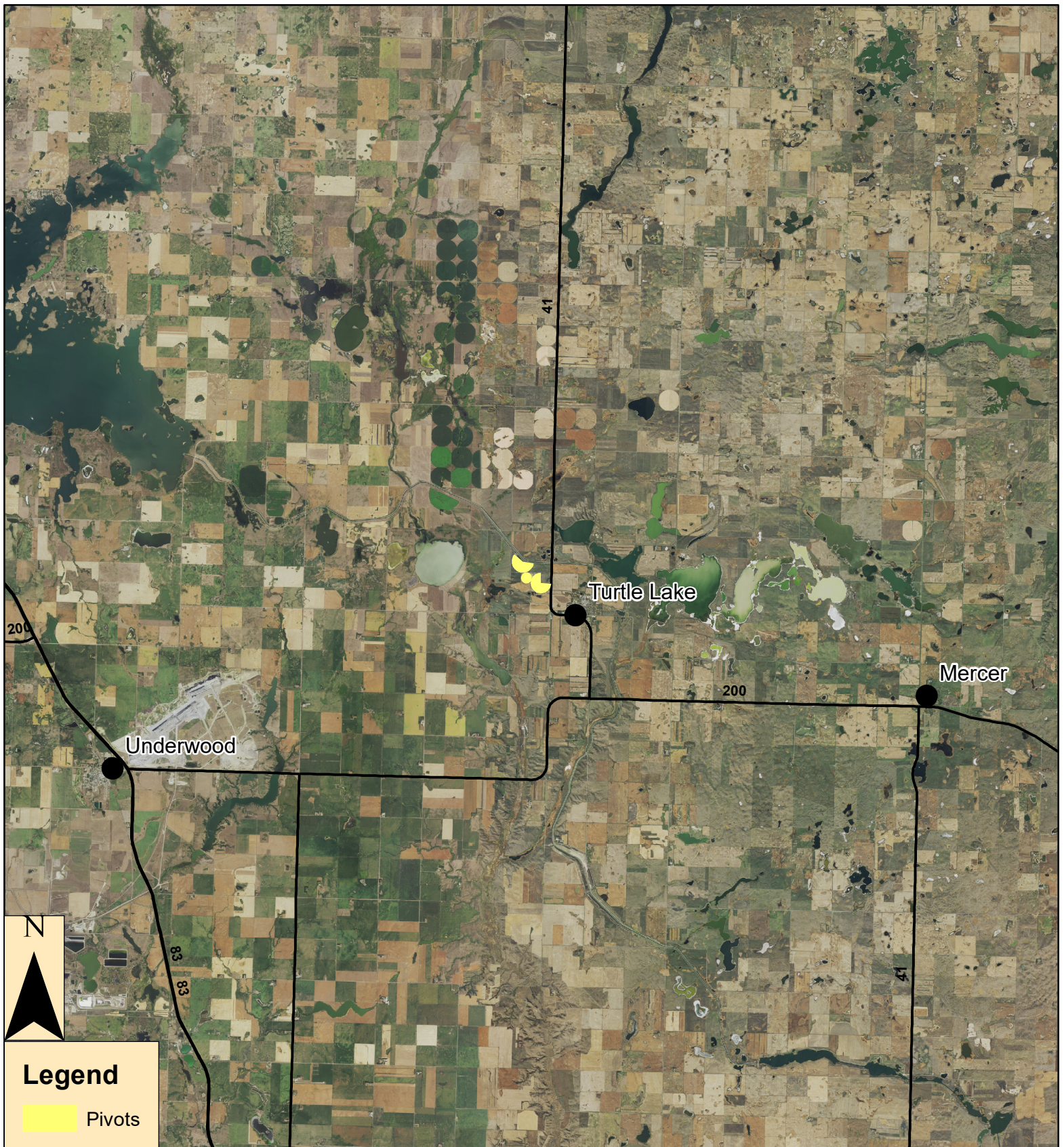
Other Applicable Document(s):

Sources

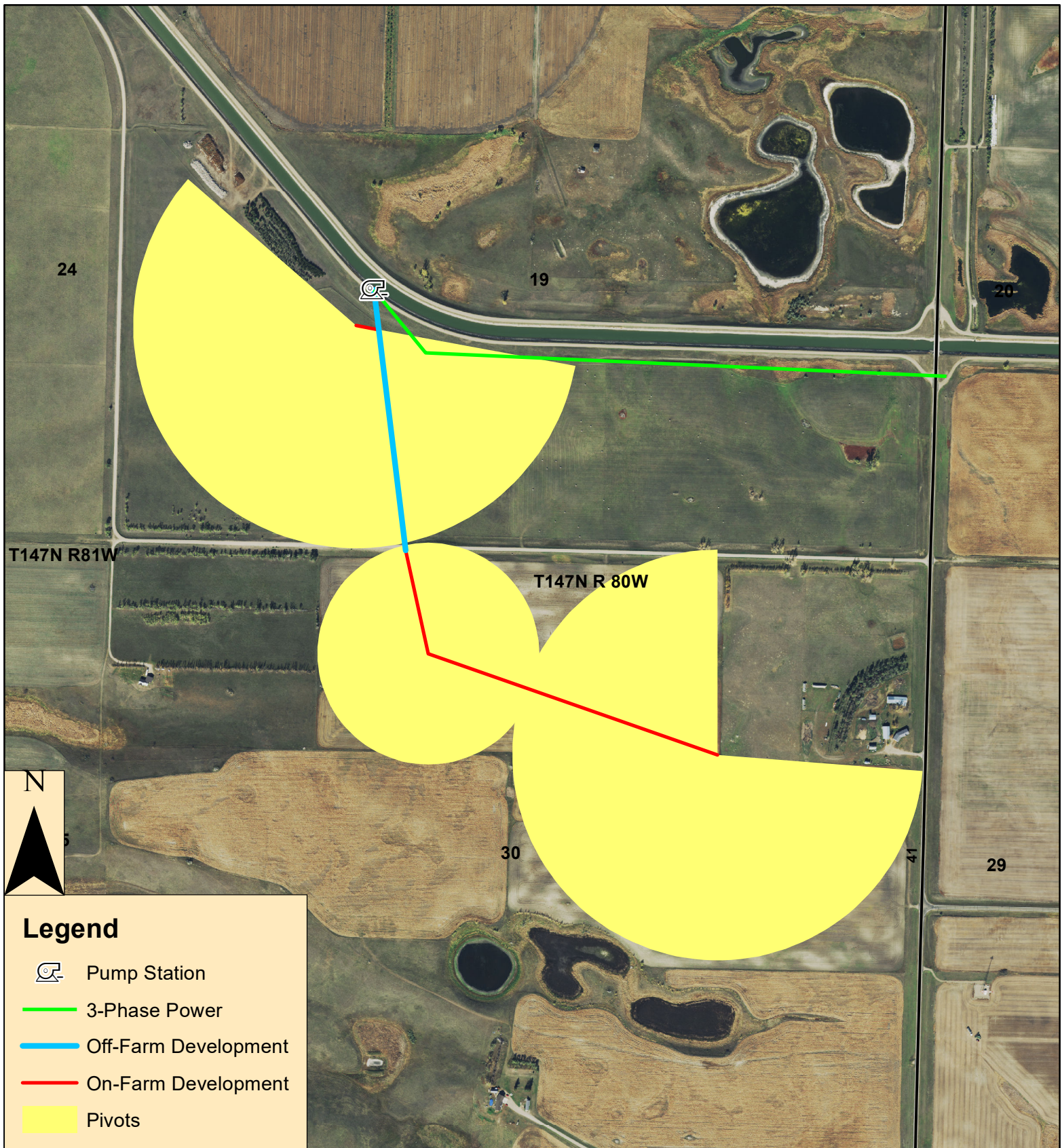
Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

Source	If Other, Specify Funding Source	Source Status	State Fiscal			Total Cost	Type	Term	Interest Rate
			State Fiscal Year 1 July to June	Year 2 July to June	Beyond Current Biennium				
			\$355,425.00	\$0.00	\$0.00	\$355,425.00			

Source	If Other, Specify Funding Source	Source Status	State Fiscal			Total Cost	Type	Term	Interest Rate
			Year 1 July to June	Year 2 July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Construction			\$266,569.00 \$253,729	\$0.00	\$0.00	\$266,569.00	Grant	0.00	0.00
			\$253,729 cost-share request						
BND Infrastructure Revolving Loan Fund			\$88,856.00	\$0.00	\$0.00	\$88,856.00	Loan	20.00	2.00
			\$355,425.00	\$0.00	\$0.00	\$355,425.00			



MM 10R Project Location



MM 10R Project Layout

DWR Date Received : June 25, 2026

PRE- BID ESTIMATE

Date :	6/25/26
Project :	MM 10R Irrigation Project
Sponsor :	Garrison Diversion Conservancy District
Contact :	Ryan Anderson, Engineer
Phone :	701-650-6001
Engineer :	Ryan Anderson, Engineer
Phone :	701-650-6001

Total Cost:	\$ 363,305.00	Total Cost-Share*:	\$ 272,478.75
Ineligible Cost:	\$ -	Other Eligible:	\$ -
Eligible Cost:	\$ 363,305.00	Preconstruction:	\$ 18,750.00
Local Cost:	\$ 90,826.25	Construction:	\$ 253,728.75

Project Type:	Cost-share %
Irrigation - Off Farm	75%

		Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
Item	% of Cost	BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs						
1	0.0%		0		-	\$ -	75%	\$ -
2	0.0%		0		-	\$ -	75%	\$ -
3	0.0%		0		-	\$ -	75%	\$ -
4	0.0%		0		-	\$ -	75%	\$ -
5	0.0%		0		-	\$ -	75%	\$ -
	0.0%	Other Eligible Total				\$ -	75%	\$ -

		Preconstruction (Feasibility, Preliminary, Final Design)				Engineering Costs	
6	6.9%	Final Design	1	25,000.00	\$ 25,000.00	75%	\$ 18,750.00
7	0.0%		0	-	\$ -	75%	\$ -
8	0.0%		0	-	\$ -	75%	\$ -
9	0.0%		0	-	\$ -	75%	\$ -
10	0.0%		0	-	\$ -	75%	\$ -
	6.9%	Preconstruction Total			\$ 25,000.00	75%	\$ 18,750.00

Preconstruction
previously
approved.

		Construction Engineering Costs						
11	0.0%		0		-	\$ -	75%	\$ -
12	0.0%		0		-	\$ -	75%	\$ -
13	0.0%		0		-	\$ -	75%	\$ -
14	0.0%		0		-	\$ -	75%	\$ -
	0.0%	Construction Engineering Total				\$ -	75%	\$ -

		Construction Costs						
15	1.7%	Mobilization	1	LS	6,000.00	\$ 6,000.00	75%	\$ 4,500.00
16	0.8%	Bonding	1	LS	3,000.00	\$ 3,000.00	75%	\$ 2,250.00
17	0.0%	Insurance	0		-	\$ -	75%	\$ -
18	0.1%	Erosion Control	1	LS	500.00	\$ 500.00	75%	\$ 375.00
19	0.1%	Traffic Control	1	LS	500.00	\$ 500.00	75%	\$ 375.00
20	4.1%	Water Main 15 in Steel	75	LF	200.00	\$ 15,000.00	75%	\$ 11,250.00
21	1.6%	Water Main 15 in PVC	130	LF	45.00	\$ 5,850.00	75%	\$ 4,387.50
22	15.4%	Water Main 10 in PVC	1600	LF	35.00	\$ 56,000.00	75%	\$ 42,000.00
23	3.3%	Fittings	1	LS	12,000.00	\$ 12,000.00	75%	\$ 9,000.00
24	5.6%	Pipeline Appurtenances	1	LS	20,200.00	\$ 20,200.00	75%	\$ 15,150.00
25	0.3%	Earthwork	1	LS	1,000.00	\$ 1,000.00	75%	\$ 750.00
26	20.6%	Pump Station	1	LS	75,000.00	\$ 75,000.00	75%	\$ 56,250.00
27	17.2%	Electrical	1	LS	62,500.00	\$ 62,500.00	75%	\$ 46,875.00
28	13.8%	Transmission Lines	1	LS	50,000.00	\$ 50,000.00	75%	\$ 37,500.00
29	0.0%		0		-	\$ -	75%	\$ -
30	0.0%		0		-	\$ -	75%	\$ -
31	0.0%		0		-	\$ -	75%	\$ -
32	0.0%		0		-	\$ -	75%	\$ -
33	0.0%		0		-	\$ -	75%	\$ -
34	0.0%		0		-	\$ -	75%	\$ -
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
		Construction Sub-Total				\$ 307,550.00	75%	\$ 230,662.50
8.5%		Allowable Contingency (10%)				\$ 30,755.00	75%	\$ 23,066.25
0.0%		Elective Contingency Reduction	0		-	\$ -	75%	\$ -
93.1%		Construction Total				\$ 338,305.00	75%	\$ 253,728.75

Eligible Preconstruction	\$ 25,000.00	75%	\$ 18,750.00
Eligible Construction	\$ 338,305.00	75%	\$ 253,728.75
Eligible Total	\$ 363,305.00	75%	\$ 272,478.75

		Ineligible Preconstruction Costs						
37	0.0%		0		-	\$ -	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Preconstruction Ineligible Total				\$ -	0%	\$ -

		Ineligible Construction Costs						
41	0.0%		0		-	\$ -	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Construction Ineligible Total				\$ -	0%	\$ -

100.0%	Ineligible Total	\$ -	0%	\$ -
	Project Total	\$ 363,305.00		
	Federal or State Funds That Supplant Costs	\$ -		
	Eligible Cost Total	\$ 363,305.00	75%	\$ 272,478.75

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

RESOLUTION

WHEREAS, the Garrison Diversion Conservancy District (Garrison Diversion) is committed to completing an irrigation project (MM 10R) to benefit approximately 214 acres of irrigation in North Dakota; 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, the Garrison Diversion Board of Directors has reviewed the SWC Application,

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

1. **Approval of Application:** The Board of Directors hereby approves the submittal of the construction cost-share application for the irrigation project (MM 10R) to the Department of Water Resources and State Water Commission.
2. **Authorization to Submit:** The General Manager, or his designee, is hereby authorized and directed to submit the 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 Executive Committee of Garrison Diversion Board of Directors on this 18th day of June 2026.



Jay Paul Anderson, Chairman



Duane DeKrey, Secretary



Garrison Diversion Conservancy District

PO Box 140, Carrington, ND 58421 | (701) 652-3194 | gdcdd@gdcdd.org | www.garrisondiversion.com

June 23, 2026

John Paczkowski, PE
State Engineer
ND State Water Commission
900 East Boulevard Avenue
Bismarck, ND 58505

Dear Mr. Paczkowski:

The Dakota Water Resources Act of 2000 authorizes approximately 24,000 acres of irrigation along the McClusky Canal. Garrison Diversion has been canvassing the area for potential irrigation projects and, at this time, has selected to develop the MM 10R Irrigation Project, which will encompass approximately 214 irrigable acres.

The total cost of project construction is estimated at \$355,425. Garrison Diversion respectfully requests 75% cost-share funding not to exceed \$266,568 for development of final design plans and specifications.

According to a report developed by the North Dakota State University titled, *A Reevaluation of Garrison Diversion Unit Irrigation*, development of the 24,000 designated acres will create up to 403 new jobs in the region and increase business activity by \$7 to \$10 million annually in 1991 dollars. This demonstrates the value to the state to complete this project.

Sincerely,

A handwritten signature in black ink, appearing to read "Duane DeKrey", with a long, sweeping horizontal line extending to the right.

Duane DeKrey
General Manager

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: NDSWC Cost-Share Request – Ransom County Water Resource District (WRD)
Fort Ransom Dam Modification - Construction

DATE: July 27, 2026


For Reice Haase

Background & Description

Ransom County WRD (Sponsor) is requesting construction cost-share for the Fort Ransom Dam Modification (Project). Fort Ransom Dam is a low-hazard, low-head dam on the Sheyenne River. The purpose of the project is to mitigate the public dangers associated with low head dam roller effects while allowing for the passage of aquatic species. The dam will remain in place, and fill and riprap will be placed downstream in a fish passage arrangement. The Project is located at Fort Ransom in Ransom County.

Supplemental Information

Water Development Plan	High Priority
DWR Permits Obtained	Ongoing
USACE Permit Obtained	Yes

Completion Schedule

Design	Completed
Bid	August 2026
Construction Start	October 2026
Completion	December 2026

Cost-Share Funding Summary

	Preconstruction	Estimated Construction	Total	Previously Approved	Recommend
Noneligible Cost	-	-	-		
Eligible Cost	\$75,000	\$550,000	\$675,000		
Total	\$75,000	\$550,000	\$675,000		
Cost-Share 75% (Requested)	\$56,250	\$412,500	\$506,250	\$37,500 (4/9/22) \$18,750 (4/17/25)	\$412,500

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, Ransom County WRD's request for state cost-share participation in the Fort Ransom Dam Modification Project is eligible for consideration, contingent upon available funding, at 75% of eligible costs for a state cost-share amount not to exceed \$412,500.

RH:af/0275

1088402 - Fort Ransom Dam Rehabilitation

Application Details

Funding Opportunity: 1088301-July 2026 - June 2027 Infrastructure Request
Funding Opportunity Due Date: Jun 30, 2027 3:00 PM
Program Area: Funding for Infrastructure in ND - FIND
Status: Submitted
Stage: Final Application

Initial Submit Date: Jul 2, 2026 2:58 PM
Initially Submitted By: Heather Edison
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Salutation Heather Middle Name Edison
First Name Last Name
Title:
Email*: rcwrd@drtel.net
Address*: PO Box 388

Lisbon North Dakota 58054
City State/Province Postal Code/Zip
Phone*: 701-680-3724 Ext.
Phone
###-###-####
Fax: ###-###-####
Comments:

Organization Information

Status*: Approved

Name*: Ransom County Water Resource District

Organization Type*: Political Subdivision

Tax Id: 45-0345371

Organization Website:

Address*: PO Box 388

Phone*: Lisbon North Dakota 58054-0000
City State/Province Postal Code/Zip
701-683-5920 Ext.
###-###-####

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

Vendor ID:

PeopleSoft Supplier ID: 0000001667

Comments:

Location Code: ALL-ACH

SAM UEI #:

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: Fort Ransom Dam Rehabilitation

Sponsor(s)*: Ransom County Water Resource District

County*: Ransom

City*: Fort Ransom

Description of Request*: New

Project Type: DAM Safety/EAP

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*:

Ransom County Water Resource District

City of Fort Ransom

Fort Ransom Sportsman Club

Ransom County Historical Society

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

The Fort Ransom Dam is a low head dam originally built in 1881 and reconstructed in 1954. It is a vertical wall dam that has a hydraulic roller effect. Several individuals have lost their lives due to this hazard and this structure is on the DWR's high priority list for correction. The RCWRD undertook this project as the local sponsor to facilitate mitigating this hazard.

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

With the assistance of DWR cost share alternatives to addressing the low head dam hazard were considered. Removal of the dam was not chosen due to local opposition. The concrete dam itself is in good condition therefore it was decided the most cost-effective solution was to install a downstream riprap spillway to mitigate the roller effect. A design was completed (plans and specifications).

Describe the Objectives or Goals Specific to This Application*:

The goal of this project is to eliminate the hazardous roller effect of the Fort Ransom Dam.

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

The scope of this project is to place fill and riprap downstream of the existing concrete dam to mitigate the roller effect of the dam.

For this project,

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

What is the Current Estimated Population?* 0

For this project,

What is the Benefited Population?* 0

Have Assessment Districts Been Formed?* N/A

Have Land or Easements Been Acquired?* Yes

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

No

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

No

Have You Applied For Any Federal Permits?*

Yes

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

US Army Corp of Engineers permit has been obtained. This project is covered under NWP 27.

Have You Been approved for any Federal Permits?:

Yes

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

US Army Corp of Engineers permit has been obtained. This project is covered under NWP 27.

Have You Applied for any State Permits?*

Yes

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

The following permit applications have been submitted:

Flood Plain Development

No Rise Certificate

Construction Permit

Water Appropriations Permit

Have You Been Approved for any State Permits?:

Yes

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

All permits have been obtained except the water appropriations permit which is pending.

Have You Applied for any Local Permits?*

N/A

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

No

***:**

Have You Received, or Do You Anticipate Receiving Federal Funding?

No

(Example: Hazard Mitigation Grant Program)

*:

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: 4/1/26

Design Completion*: 4/1/26

Bid*: 8/5/26

Construction Start*: 10/5/26

Construction Completion*: 12/12/26

Explain Additional Timeline Issues*:

Fall weather is the primary concern.

Consulting Engineer*: Interstate Engineering

Engineer Direct Phone Number*: 701-642-5521

Engineer Email*: mike.bassingthwaite@interstateeng.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*: Heather Edison 07/02/2026
First Name Last Name Date

Title/Position/Authority*: Office Manager

Address*: 6757 130th Ave SE
Address Line 1

Address Line 2

Lisbon North Dakota 58054-0000

City State Zip Code

Direct Phone Number*: 701-683-5920

Sponsor Email*: rcwrd@drtel.net

**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:** Heather Edison
First Name Last Name

**Authorized Signor
Title/Position:** Office Manager

Authorized Signor Email: rcwrd@drtel.net

**Authorized Signor Direct Phone
Number:** 701-683-5920

**Provide the Name for One
Additional Board Member, if
Applicable:** Scott Olerud
First Name Last Name

**Additional Board Member
Title/Position:** Chairman

Additional Board Member Email: scottolerud@gmail.com

**Additional Board Member Direct
Phone Number:** 701-308-0101

Documentation

Documentation

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

CLICK HERE to see examples.

Project Specific Map LocMap.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: minute_20260702_0001.pdf

Cover Letter: RCWRD_acknowledgment_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: Fort_Ramson_Dam_sfn_61801_delineation_of_cost.xlsx

Type of Request: Construction

Signed Plans and Specifications For Bidding: Fort Ransom Dam Rehabilitation - ER23-00-066.pdf

Is This a Water Supply Project?: No

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): Yes

Other Applicable Document: SovereignLandsMap.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			Total Cost	Type	Term	Interest Rate
			Year 1 July to June	Year 2 July to June	Beyond Current Biennium				
Department of Water Resources		Current Request	\$550,000.00 \$412,500	\$0.00	\$0.00	\$550,000.00	Grant	0.00	0.00
Cost Share									
Construction									
			\$550,000.00	\$0.00	\$0.00	\$550,000.00			



DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

DWR Date Received : July 03, 2026

PRE-BID AMOUNTS

Date :	7/1/26
Project :	Fort Ransom Dam Rehabilitation Project
Sponsor :	Ransom County Water Resource District
Contact :	Heather Edison - Office Manager
Phone :	701-680-3724
Engineer :	Mike Bassingthwaite - Interstate Engineering
Phone :	701-642-5521

Total Cost :	\$ 625,000	Total Cost-Share* :	\$ 468,750
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 625,000	Preconstruction :	\$ 56,250
Local Cost :	\$ 156,250	Construction :	\$ 412,500

Project Type:	Cost-share %
Dam - Low Head Roller Effect Mitigation	75%

Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs						
1	0.0%	0	-	\$ -	75%	\$ -
2	0.0%	0	-	\$ -	75%	\$ -
3	0.0%	0	-	\$ -	75%	\$ -
4	0.0%	0	-	\$ -	75%	\$ -
5	0.0%	0	-	\$ -	75%	\$ -
0.0%				\$ -	75%	\$ -
Other Eligible Total				\$ -	75%	\$ -

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	12.0%	Final Design	1	LS	75,000.00	\$ 75,000.00	75%	\$ 56,250.00
7	0.0%		0		-	\$ -	75%	\$ -
8	0.0%		0		-	\$ -	75%	\$ -
9	0.0%		0		-	\$ -	75%	\$ -
10	0.0%		0		-	\$ -	75%	\$ -
12.0%		Preconstruction Total				\$ 75,000.00	75%	\$ 56,250.00

Previously approved

Anticipated Construction Engineering Costs								
11	1.6%	Construction Contract Mmgt.	1	LS	10,000.00	\$ 10,000.00	75%	\$ 7,500.00
12	5.6%	Construction Observation	1	LS	35,000.00	\$ 35,000.00	75%	\$ 26,250.00
13	0.8%	Construction Staking	1	LS	5,000.00	\$ 5,000.00	75%	\$ 3,750.00
14	0.0%		0		-	-	75%	\$ -
8.0%		Construction Engineering Total				\$ 50,000	75%	\$ 37,500.00

Anticipated Construction Costs								
15	8.0%	Mobilization	1	LS	50,000.00	\$ 50,000.00	75%	\$ 37,500.00
16	0.5%	Bonding	1	LS	3,000.00	\$ 3,000.00	75%	\$ 2,250.00
17	0.3%	Insurance	1	LS	2,000.00	\$ 2,000.00	75%	\$ 1,500.00
18	1.2%	Common Excavation	300	CY	25.00	\$ 7,500.00	75%	\$ 5,625.00
19	12.0%	Earthwork	1	LS	75,000.00	\$ 75,000.00	75%	\$ 56,250.00
20	1.6%	Erosion Control	1	LS	10,000.00	\$ 10,000.00	75%	\$ 7,500.00
21	24.3%	Rip-Rap	1900	TON	80.00	\$ 152,000.00	75%	\$ 114,000.00
22	13.8%	Rip-Rap	574	LF	150.00	\$ 86,100.00	75%	\$ 64,575.00
23	0.5%	Seeding	1	LS	3,000.00	\$ 3,000.00	75%	\$ 2,250.00
24	1.6%	Snagging and Clearing	1	LS	10,000.00	\$ 10,000.00	75%	\$ 7,500.00
25	0.8%	Stripping Soil	250	CY	20.00	\$ 5,000.00	75%	\$ 3,750.00
26	8.3%	Other (specify)	1300	SY	40.00	\$ 52,000.00	75%	\$ 39,000.00
27	0.0%		0		-	\$ -	75%	\$ -
28	0.0%		0		-	\$ -	75%	\$ -
29	0.0%		0		-	\$ -	75%	\$ -
30	0.0%		0		-	\$ -	75%	\$ -
31	0.0%		0		-	\$ -	75%	\$ -
32	0.0%		0		-	\$ -	75%	\$ -
33	0.0%		0		-	\$ -	75%	\$ -
34	0.0%		0		-	\$ -	75%	\$ -
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
		Construction Sub-Total				\$ 455,600.00	75%	\$ 341,700.00
7.3%	Allowable Contingency (10%)					\$ 45,560.00	75%	\$ 34,170.00
-0.2%	Elective Contingency Reduction		-1		1,160.00	\$ (1,160.00)	75%	\$ (870.00)
80.0%	Construction Total					\$ 500,000.00	75%	\$ 375,000.00

Eligible Preconstruction	\$ 75,000.00	75%	\$ 56,250.00
Eligible Construction	\$ 550,000.00	75%	\$ 412,500.00
Eligible Total	\$ 625,000.00	75%	\$ 468,750.00

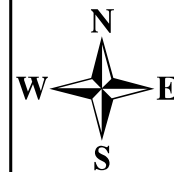
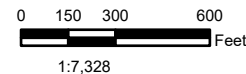
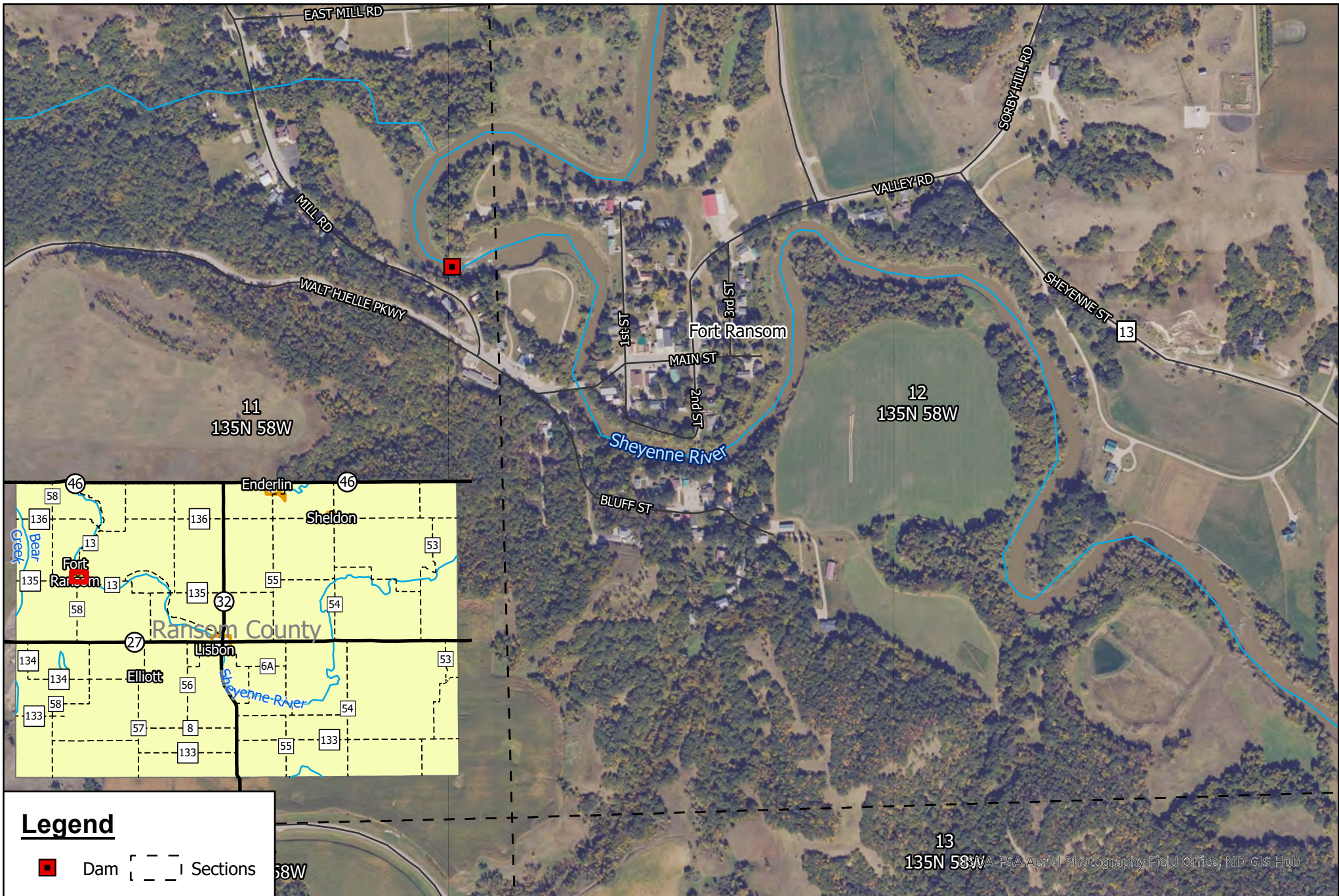
		Ineligible Preconstruction Costs						
37	0.0%		0		-	\$ -	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Preconstruction Ineligible Total				\$ -	0%	\$ -

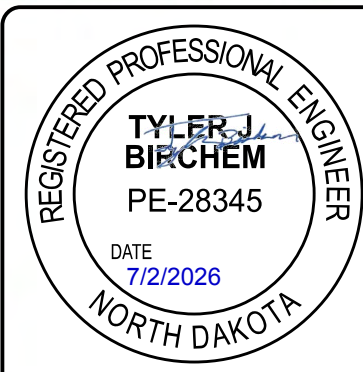
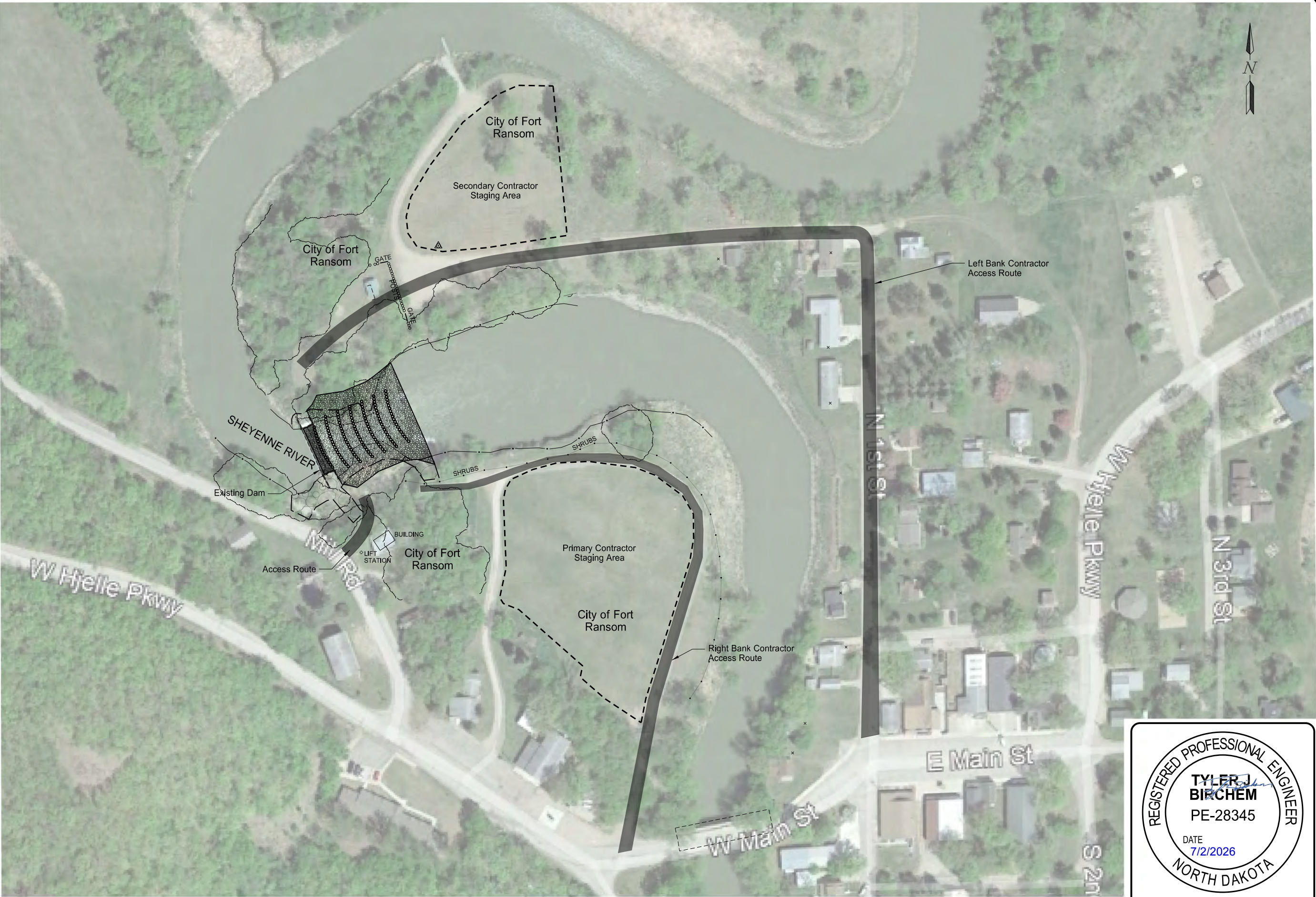
Ineligible Construction Costs								
41	0.0%		0		-	\$ -	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
0.0%						\$ -		\$ -
		Construction Ineligible Total				\$ -	0%	\$ -

100.0%	Ineligible Total	\$ -	0%	\$ -
	Project Total	\$ 625,000.00		

Federal or State Funds That Supplant Costs	\$ -		
Eligible Cost Total	\$ 625,000.00	75%	\$ 468,750.00

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.





Interstate Engineering
1999 4th Street N., Suite A
PO Box 667
Wahpeton, ND 58075
(701) 642.5521
www.interstateeng.com



SECTION
G
2
SHEET NO.

FORT RANSOM DAM REHABILITATION PROJECT
RANSOM COUNTY WATER RESOURCE DISTRICT
FORT RANSOM, NORTH DAKOTA

SCOPE OF WORK

DRAWN BY: AM MB
SURVEYED BY: IEI TB
PROJECT NO: ER2300066
DATE: FEBRUARY, 2026

REV NO

DATE

BY

DESCRIPTION

RANSOM COUNTY WATER RESOURCE DISTRICT

Dave Dahl, Water Manager

Ron Hartl, Water Manager, 400-7291

Scott Olerud, Chairman 308-0110

Heather Edison, Office Mgr., 680-3724

P.O. Box 388

Lisbon, ND 58054

Phone (701) 680-3724

June 26, 2026

Department of Water Resources

Attn: Planning and Education Division

1200 Memorial Highway

Bismarck, ND 58504-5262

RE: Fort Ransom Dam

Rehabilitation

Ransom County, ND

Dear Sir or Madame:

A Construction Cost Share Request with the associated documents for modifying the referenced dam has been submitted. This letter is to acknowledge that our office manager jointly with our engineer has submitted this request on our behalf.

If you have any questions, please do not hesitate to contact Heather with our office at 701-680-3724 or Interstate Engineering (Mike Bassingthwaite) 701-642-5521. We look forward to your response on funding this much needed project.

Sincerely,

Ransom County Water Resource District



Scott Olerud

Chairman

C: Interstate Engineering

RANSOM COUNTY WATER RESOURCE BOARD

January 9, 2026

The Ransom County Water Resource District met on January 9 with Ron Hart, Dave Dahl and Scott Olerud present. Others present Greg Schwab and Mike Bassingthwaite. The meeting was called to order at 10:06 a.m. by Manager Olerud.

Mike was given the floor to give his findings on the Fort Ransom Dam. He presented some mapping and cost estimates. \$900,000 is the larger estimate to fix which would take care of all of the issues and the \$500,000 estimate would take care of the immediate issues not including bank stabilization. (Prior to cost share)

Reice Haase from DWR joined the meeting via technology at 10:13 a.m. Reice was given the floor to give more information on their low head dam initiative and what all it would entail. This may pay for an engineering and could remove if it is under a \$250,000 cost which is the bidding threshold their crew could remove at no cost to the water resource district. Discussion held. Removal of the Fort Ransom Dam is the preference of the state if we were to utilize this option. Any remediation caused by removing the dam would be considered in the engineering study. They would hope to get the engineering done in the next 9 months. Board is concerned about any potential liability during this time as this would prolong the project another year or so. The Board will discuss and get back to the DWR. Reice left the meeting at 10:31 a.m. Further discussion held. All options discussed. Ron made a motion to proceed with the \$500,000 estimated project that Mike provided, 2nd by Dave. Roll call vote taken all in favor motion carried. Mike will come back with permit applications and the next steps. Mike will notify the DWR of our decision.

Nothing to report on the Pavilion.

Mike left the meeting at 11:07 a.m.

Minutes from the December meeting were read. Dave made a motion 2nd by Ron to approve the minutes. Motion carried.

Dave made a motion 2nd by Ron to approve the bills. Upon roll call vote the motion carried.

The following bills were presented:

Cass County Electric \$428.42

SE Water \$239.87

US Forest Service \$94

Elan Financial \$216.02

Financials were presented. Ron made a motion 2nd by Dave to approve, upon roll call motion carried.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Hasse, Secretary

SUBJECT: NDSWC Cost-Share Request – Pembina County Water Resource District (WRD)
Drain 4 Grade Stabilization - Construction

DATE: July 27, 2026


For Reice Hasse

Background & Description

Pembina County WRD (Sponsor) is requesting construction cost-share for the Drain 4 Grade Stabilization Project (Project). Drain 4 has experienced erosion and bank failure downstream of its ND State Highway 18 crossing. The Project will include installing a sheet pile weir structure across the channel to prevent further downcutting and to control the hydraulic grade. Additionally, riprap will be installed to protect the channel through and downstream of the grade control weir. The Project is 3.3 miles northwest of Bathgate in Pembina County.

Supplemental Information

Water Development Plan	Not Submitted
Assessment Vote Results	Maintenance Funds
Surface Drain Permit	No. 6928
Sediment Analysis	Not Performed
Benefit-Cost Ratio	Not Required
Additional Easements	Within Current ROW

Completion Schedule

Study	Complete
Design	Complete
Bid/Contract	Aug. 28, 2026
Construction Start	Sept. 2026
Completion	Nov. 2026

Cost Share Summary

	Study	Pre-construction	Estimated Construction	Total	Previously Approved	Recommend
Ineligible Cost	-	-	-	-		
Eligible Cost	\$24,000	\$21,000	\$217,280	\$262,280		
Total	\$24,000	\$21,000	\$217,280	\$262,280		
Cost-Share (Requested)	\$10,800 (at 45%)	\$12,600 (at 60%)	\$130,368 (at 60%)	\$153,768	\$10,800 (3/17/25) \$12,600 (3/16/26)	\$130,368

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by Pembina County Water Resource District for state cost participation in the Drain 4 Grade Stabilization Project at 60% of eligible costs, not to exceed \$130,368, is eligible for consideration, contingent on available funding.

RH:bn:af/1135

1088343 - Pembina County WRD: Drain 4 - Grade Stabilization - Construction

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: Submitted
Stage: Final Application

Initial Submit Date: Jun 26, 2026 10:01 AM
Initially Submitted By: Michael Ferrie
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Ms. LuAnn L Kemp
Salutation First Name Middle Name Last Name
Title: Secretary
Email*: llkemp@nd.gov
Address*: 308 Courthouse Drive #5

Cavalier North Dakota 58220
City State/Province Postal Code/Zip
Phone*: (701) 265-4511 Ext.
Phone
###-###-####
Fax: (701) 265-4561
###-###-####
Comments:

Organization Information

Status*: Approved

Name*: Pembina County Water Resource District

Organization Type*: Political Subdivision

Tax Id: 45-6006376

Organization Website:

Address*: 308 Courthouse Drive #5

Phone*: Cavalier North Dakota 58220-____
City State/Province Postal Code/Zip
(701) 265-4511 Ext.
###-###-####

Fax: (701) 265-4561
###-###-####

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #: H3D9BHP2R5L7

SAM Validation: Active

SAM Expiration Date: 11/26/2026

SAM Exclusion Flag:

SAM Last Updated: Jun 8, 2026 12:01 AM

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: Drain 4 - CONSTRUCTION

Sponsor(s)*: Pembina County Water Resource District

County*: Pembina

City*: Cavalier

Description of Request*: New

Project Type: Rural Flood Control

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*:

Pembina County Water Resource District
North Dakota Department of Transportation ROW may be impacted for access to the project.

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

The existing channel grade in Pembina County Legal Drain 4 immediately downstream of the ND-18 is relatively steep, resulting in erosion of the channel bottom and damage to an existing rock drop structure. Continued erosion at this location could result in damage to the existing NDDOT road crossing. Temporary repairs have been completed, and a feasibility study was performed to determine a proposed repair solution. Preconstruction is nearly complete with final plans ready within the next 30 days.

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

The proposed solution is to install a sheet pile weir structure across the channel to prevent further downcutting and to control the hydraulic grade line in Drain 4. In addition to the sheet pile riprap will be installed to protect the channel through and downstream of the grade control weir.

Describe the Objectives or Goals Specific to This Application*:

This application is to secure cost share for the construction and construction engineering costs associated with the project.

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

This cost-share includes construction costs for installation of the above described works as well as construction engineering.

For this project,

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

What is the Current Estimated Population*:	100
---	-----

For this project,

What is the Benefited Population*:	100
---	-----

Have Assessment Districts Been Formed*:	Yes
--	-----

Date Formed: 01/01/1898

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

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

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

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

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

US Army Corp of Engineer permit is in progress.

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

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

We expect the Corp permit to be finished shortly. Final Construction plans will be completed once any comments from the Corp are recieved.

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

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

ND DWR Drain permit has been applied for and recieved.

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

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

ND DWR Drain permit

**Have You Applied for any Local
Permits?*** N/A

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

No

Have You Received, or Do You Anticipate Receiving Federal Funding?
(Example: Hazard Mitigation Grant Program)
*:

No

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: 2/6/2026

Design Completion*: 7/15/2026

Bid*: 8/28/2026

Construction Start*: 09/10/2026

Construction Completion*: 11/1/2026

Explain Additional Timeline Issues*:

Final plans are pending review by the USACE.

Consulting Engineer*: Mike Ferrie

Engineer Direct Phone Number*: 701-499-9448

Engineer Email*: MFerrie@houstoneng.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*:	LuAnn Kemp 02/19/2026 First Name Last Name Date
Title/Position/Authority*:	Secretary/Treasurer
Address*:	308 Courthouse Drive #5 Address Line 1 Address Line 2 Cavalier North Dakota 58220-____ City State Zip Code
Direct Phone Number*:	701-265-4511
Sponsor Email*:	llkemp@nd.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:	Donald Kemp First Name Last Name
Authorized Signor Title/Position:	Chairman
Authorized Signor Email:	donkemp@polarcomm.com
Authorized Signor Direct Phone Number:	701-521-0277
Provide the Name for One Additional Board Member, if Applicable:	Ted Juhl First Name Last Name
Additional Board Member Title/Position:	Vice Chairman
Additional Board Member Email:	atmjuhl@polarcomm.com
Additional Board Member Direct Phone Number:	701-520-1416

Documentation

Documentation

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

[CLICK HERE to see examples.](#)

Project Specific Map Drain_4_Location_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: 6- Application Approval Minutes June_23_2026.pdf

Cover Letter: 1 - Drain 4 Construction_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: 3 -PCWRD_Drain_4_Construction_sfn_61801_delineation_of_cost.xlsx

Type of Request: Construction

Signed Plans and Specifications For Bidding: 7- Preliminary Drain 4 Grade Stabilization plan sheets 2026-06-24.pdf

Is This a Water Supply Project?: No

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: Drain 4 ND-18 Memo_Signed.pdf

Photos of Problem/Issue:

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

Other Applicable Document(s):

Sources

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

Source	If Other, Specify Funding Source	Source Status	State Fiscal			Total Cost	Type	Term	Interest Rate
			State Fiscal Year 1 July to June	Year 2 July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Construction		Current Request	\$130,368.00	\$0.00	\$0.00	\$130,368.00	Grant	0.00	0.00
Other	LOCAL		\$86,912.00	\$0.00	\$0.00	\$86,912.00		0.00	0.00
			\$217,280.00	\$0.00	\$0.00	\$217,280.00			



DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

DWR Date Received : June 26, 2026

PRE-BID Amounts

Date :	6/26/26
Project :	Drain 4 Grade Stabilization
Sponsor :	Pembina County Water Resource District
Contact :	LuAnn Kemp, Administrator
Phone :	701-265-4511
Engineer :	Michael Ferrie, Houston Engineering Inc.
Phone :	701-237-5065

Total Cost :	\$ 262,280	Total Cost-Share* :	\$ 153,768
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 262,280	Preconstruction :	\$ 23,400
Local Cost :	\$ 108,512	Construction :	\$ 130,368

Project Type:	Cost-share %
Rural Flood Control - Assessment Drain(s)	60%

	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs							
1	0.0%	0		-	\$ -	60%	\$ -
2	0.0%	0		-	\$ -	60%	\$ -
3	0.0%	0		-	\$ -	60%	\$ -
4	0.0%	0		-	\$ -	60%	\$ -
5	0.0%	0		-	\$ -	60%	\$ -
	0.0%	Other Eligible Total			\$ -	60%	\$ -

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	9.2%	Feasibility Study	1	LS	24,000.00	\$ 24,000.00	45%	\$ 10,800.00
7	8.0%	Final Design	1	LS	21,000.00	\$ 21,000.00	60%	\$ 12,600.00
8	0.0%		0		-	\$ -	60%	\$ -
9	0.0%		0		-	\$ -	60%	\$ -
10	0.0%		0		-	\$ -	60%	\$ -
	17.2%	Preconstruction Total				\$ 45,000.00	45% - 60%	\$ 23,400.00

PreConst.
previously
Approved.

Construction Engineering Costs								
11	9.5%	Construction Contract Mgmt.	1	LS	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
12	0.0%		0		-	\$ -	60%	\$ -
13	0.0%		0		-	\$ -	60%	\$ -
14	0.0%		0		-	\$ -	60%	\$ -
	9.5%	Construction Engineering Total				\$ 25,000.00	60%	\$ 15,000.00

Construction Costs								
15	5.7%	Mobilization	1	LS	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
16	0.0%	Bonding	0		-	\$ -	60%	\$ -
17	0.0%	Insurance	0		-	\$ -	60%	\$ -
18	1.1%	Common Excavation	560	CY	5.00	\$ 2,800.00	60%	\$ 1,680.00
19	1.0%	Excavation Spoiling	500	CY	5.00	\$ 2,500.00	60%	\$ 1,500.00
20	23.2%	Furnish and Install Riprap (NDDOT Grade II)	380	CY	160.00	\$ 60,800.00	60%	\$ 36,480.00
21	34.2%	Sheet Pile	1196	SF	75.00	\$ 89,700.00	60%	\$ 53,820.00
22	1.3%	Seeding & Mulching	1	LS	3,500.00	\$ 3,500.00	60%	\$ 2,100.00
23	0.2%	Biorolls	100	LF	5.00	\$ 500.00	60%	\$ 300.00
24	0.0%		0		-	\$ -	60%	\$ -
25	0.0%		0		-	\$ -	60%	\$ -
26	0.0%		0		-	\$ -	60%	\$ -
27	0.0%		0		-	\$ -	60%	\$ -
28	0.0%		0		-	\$ -	60%	\$ -
29	0.0%		0		-	\$ -	60%	\$ -
30	0.0%		0		-	\$ -	60%	\$ -
31	0.0%		0		-	\$ -	60%	\$ -
32	0.0%		0		-	\$ -	60%	\$ -
33	0.0%		0		-	\$ -	60%	\$ -
34	0.0%		0		-	\$ -	60%	\$ -
35	0.0%		0		-	\$ -	60%	\$ -
36	0.0%		0		-	\$ -	60%	\$ -
		Construction Sub-Total				\$ 174,800.00	60%	\$ 104,880.00
	6.7%	Allowable Contingency (10%)				\$ 17,480.00	60%	\$ 10,488.00
	0.0%	Elective Contingency Reduction			0	\$ -	60%	\$ -
	73.3%	Construction Total				\$ 192,280.00	60%	\$ 115,368.00

Eligible Preconstruction	\$ 45,000.00	60%	\$ 27,000.00
Eligible Construction	\$ 217,280.00	60%	\$ 130,368.00
Eligible Total	\$ 262,280.00	60%	\$ 153,768.00

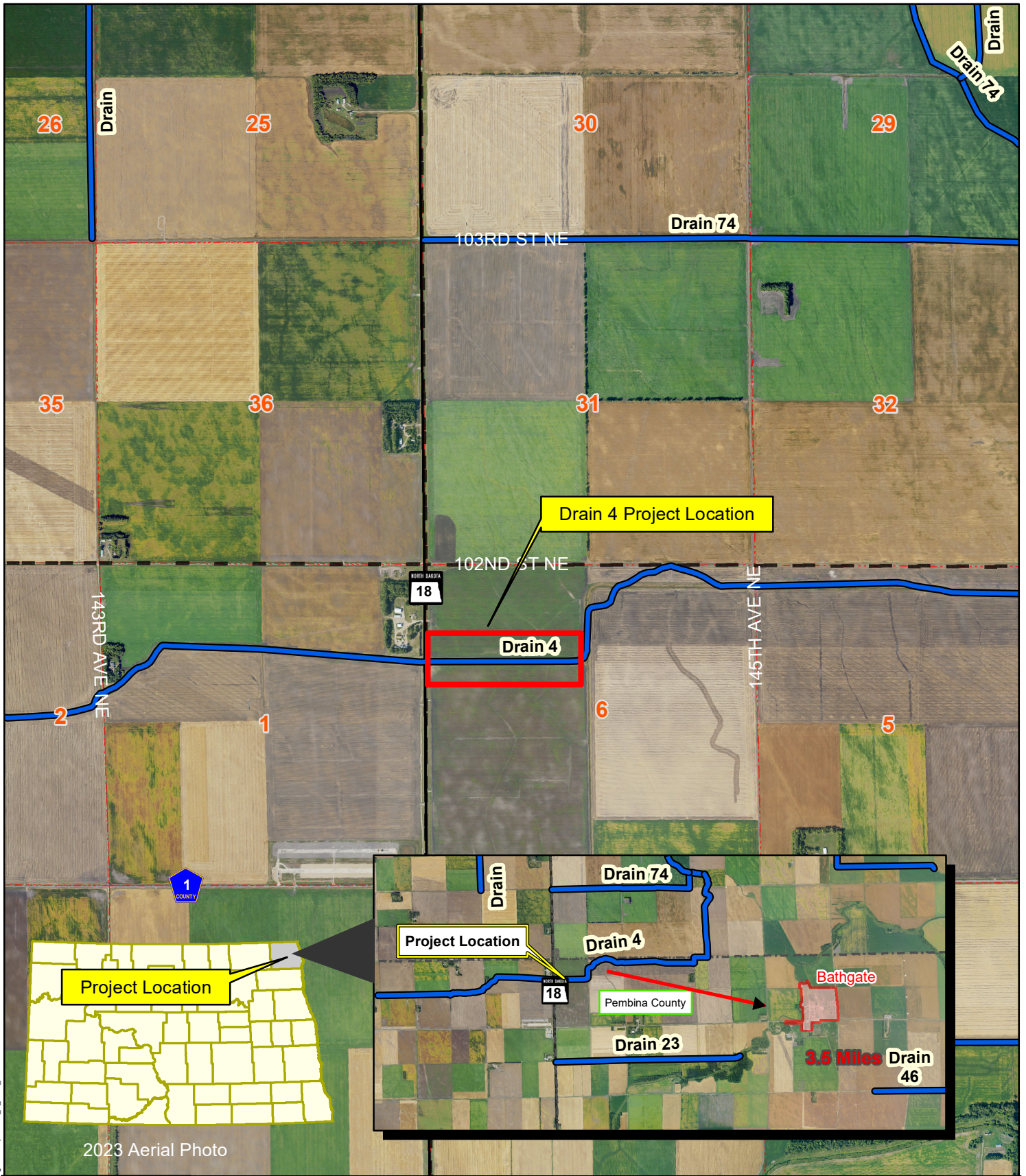
		Ineligible Preconstruction Costs						
37	0.0%		0		-	\$ -	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Preconstruction Ineligible Total				\$ -	0%	\$ -

Ineligible Construction Costs								
41	0.0%		0		-	\$ -	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Construction Ineligible Total				\$ -	0%	\$ -

100.0%	Ineligible Total	\$ -	0%	\$ -
	Project Total	\$ 262,280.00		

Federal or State Funds That Supplant Costs		\$ -		
Eligible Cost Total		\$ 262,280.00	60%	\$ 153,768.00

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



2023 Aerial Photo

Drain 4 - Grade Stabilization Location Map

Pembina County Water Resource District

Section 6 T162N R53W , Pembina County, ND



Exhibit 1 - Drain 4 Bank Failure



Exhibit 2 - Drain 4 Downstream Scour Hole



PEMBINA COUNTY
WATER RESOURCE DISTRICT

308 Courthouse Drive #5
Cavalier, North Dakota 58220

Phone: 701-265-4511
Fax: 701-265-4165

June 26, 2026

ND State Water Commission
Bismarck, ND 58504

Dear Members:

The Pembina County Water Resource District (PCWRD), requests construction cost-share with the North Dakota Department of Water Resources (NDDWR) for permanent grade stabilization on Pembina County Drain 4. In the spring of 2024, Drain 4 was observed to be experiencing erosion and bank failure immediately downstream from where the drain crosses North Dakota State Highway 18 through a double cell box culvert. Houston Engineering Inc (HEI) conducted an analysis of the existing drain condition on behalf of the PCWRD Board of Managers. HEI prepared a memorandum that identified concerns with the relatively steep grade leading to the existing rock drop grade control structure. The steep grade is resulting in flow concentrations and high velocities along the toes of the channel slope and have led to the bank failures. Additionally, scouring at existing rock drop structure indicates energy dissipation is not occurring as desired. After completion of the feasibility study, the PCWRD has hired HEI to prepare construction plans and specifications for a permanent solution to the erosion concerns. A Surface Drain Permit has been approved by the PCWRD Board of Managers. A USACE Section 404 permit is pending. Due to the constricted timeline to complete construction in 2026, a draft set of construction plans and specifications have been submitted to allow for parallel tracking of finalizing bid documents and securing cost share while final permitting from the Corp of Engineers is underway. It is understood that final construction plans are required prior to the ND DWR Cost-share approval in August; however, we ask that this project be placed on the pre-commission meeting as we wait for final approval from the USACE. The total construction and construction engineering costs to implement the permanent grade stabilization is estimated to be \$217,280, and the Board hereby requests ND DWR cost-share in the amount of \$130,368 to complete construction the grade stabilization project.

If you have any questions, please don't hesitate to call our office.

Sincerely,



LuAnn Kemp, Secretary

June 23, 2026
MINUTES OF THE MEETING OF THE
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Those present were Managers William Gunderson, Donald Kemp, Ted Juhl, Randall Emanuelson, and LuAnn Kemp, secretary. Attorney Robert Fleming also present. A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the minutes of June 2, 2026. A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the minutes of June 12, 2026.

The public comment period was held at 8:10 am. No public comments were received.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to amend the agenda to include: culvert request for Brown and Kemp, Drain 64 advertisement for bids, and Devon Johnson – Pembina County Highway.

Kelly Brown, Charlie Morrison, Mark Morrison, Travis Brown, and Landis McDonald met with the board regarding a request for an additional culvert into Drain 4 in the NE ¼ of Section 5-162-53. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the installation of an additional 36 inch x 50 foot culvert with trap into Drain 4. Quotes will be requested from contractors for direct hire.

Alex Spitsburg – Nodak Electric met with the board regarding projects that will be crossing legal assessment drains. A motion was made by Randall Emanuelson, seconded by Ted Juhl, by vote unanimously carried to approve the easement as amended to the correct township/range for Section 7-160-52. The board also reviewed the proposed work south of the border crossing near Walhalla.

A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the Drain 64 Bid advertisement as presented.

The board reviewed the culvert request by D. Kemp for the SE ¼ Section 24-161-52 and issued no comment.

A motion as made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the bills as presented:

14401	Pembina County	56.28
14402	LuAnn Kemp	98.38
14403	Thorlakson Construction	1,295.00

The board reviewed the Drain 64 ND DWR Drain permit. A motion was made by Ted Juhl, seconded by Randall Emanuelson, by vote unanimously carried to approve the permit after finding no downstream effects to the project.

June 23, 2026

MINUTES OF THE MEETING OF THE
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Page 2

The board reviewed the email from Ms. Landry regarding Bourbanis Dam. Minutes from July 1, 2025 stated:

A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve Kendall Construction to spray the dams and the area of concern on Bourbanis Dam clay stockpile based on the rates provided in the original bid Option A.

The board will direct Mr. Gemmil to spray the areas the stockpile again this year. No action was taken on the request for access or tree planting as those had been addressed previously with the landowner.

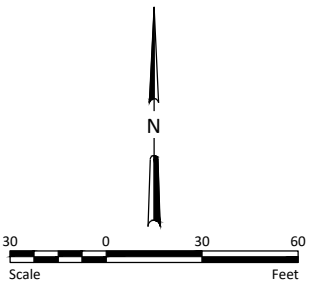
Mike Ferrie – Houston Engineering was present with project updates.

- Snagging and clearing – the project proposal will included approximately 3.75 miles starting near Morrison Dam and moving west to 94th Street. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the Notice of Hearing to set the date for the hearing as August 4th pending Commission availability.
- Drain 4 – ND DWR cost-share will be submitted by 6/29, project is moving forward with bidding late summer
- Tongue River Cutoff – the NRCS has indicated they would be agreeable to a modified use permit if requested by the landowner
- Olga Road – discussion on possibility to do a small repair on the road at this time
- Wieler Dam – the television/jetting is expected to take 2 days at a cost of \$12,000. Board will need to coordinate removal of animal gate on the 8 inch drain prior to expected work in mid-July.
- Drain 67A Culvert repairs – final site visit pending drier weather to allow for inspection of culverts – target bid date for mid-winter for 2027 work
- Drain 67C – Final pay will be processed at end of warranty period
- Drain 78 – mobilization for additional rip rap is expected when road conditions improve
- Assessment North of Drayton – the board reviewed the correspondence regarding benefit analysis for all parcels in drains that are impacted by a reassessment; a motion was made by Randall Eamneulson, seconded by Ted Juhl, by vote unanimously carried to pause the Assessment project at this time.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the ND DWR Cost-share applications for Drain 4 and the City of Pembina Dam removal as presented and direct Secretary/Treasurer to sign the letter and application.

Manager Gunderson reported an area on Drain 79 that will need spraying for weeds and trees.

H:\JBM\7300\7382\7382_006\WD18_Culvert_Crossing\CAD\Plans\Scope of Work.dwg Scope of Work-ct/29/2026 3:45 PM - (cjorgensen)



- R/W — APPROXIMATE R/W
-  SALVAGE EXISTING RIPRAP
-  REINSTALL SALVAGED RIPRAP
-  PROPOSED RIPRAP (NDDOT GRADE II)

- NOTES:
1. 2023 ND DWR IMAGERY.
 2. ALL ELEVATIONS REFERENCE NAVD88 VERTICAL DATUM.
 3. CONTRACTOR SHALL LIMIT WORK EXTENTS TO EXISTING R/W.

NW $\frac{1}{4}$ SECTION 6
T162N, R53W
BATHGATE TOWNSHIP
LANDIS McDONALD
(OWNER)



No.	Revision	Date	By



Drawn by JMW, CJJ	Date 6-24-2026
Checked by MJF	Scale AS SHOWN

DRAIN 4 GRADE STABILIZATION
PEMBINA COUNTY WATER RESOURCE DISTRICT
CAVALIER, NORTH DAKOTA

SCOPE OF WORK
PROJECT NO. 7382-0066

SHEET
2

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – City of Medora
New Water Storage Reservoir

DATE: July 30, 2026


For Reice Haase

Background & Description

The City of Medora is requesting construction cost-share for their New Water Storage Reservoir (Project). Medora's current water storage system consists of a 50,000-gallon aging and undersized underground reservoir and a 150,000-gallon underground reservoir. The Project is replacement of the 50,000-gallon reservoir with a 150,000-gallon underground reservoir, for a total combined storage of 300,000 gallons. Peak daily demand is 189,000 gallons.

The purpose of the Project is to supply water for both Medora's existing needs and for planned facilities to support tourism and visitors to the Theodore Roosevelt Presidential Library. Facilities will include a Learning Center, hotel, restaurant, gift shop, gas station, carwash, additional RV stalls, food and snack vendors, and new cabins. It was the intent of the 68th Legislative Assembly through Senate Bill 2020 that the City of Medora request cost-share from the State Water Commission to be used for water storage associated with the construction of the Theodore Roosevelt Presidential Library. The Project is located in Billings County.

Supplemental Information

Water Development Plan/Priority	None
New/Future/Current Users	0 / 40 / 140
Present Value Cost / User	\$16,550
Rate / 5,000-Gallons	\$50
Comparable Rate / 5,000-Gallons	\$65
Water Source	Southwest Water Authority

Schedule

Task	Dates
Study	Dec. 2023
Design	Jun. 2026
Bid	Aug. 11, 2026
Construction	Jun. 2027
Completion	Oct. 2027

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$0	\$0	\$0		
Eligible Cost	\$105,000	\$1,572,602	\$1,677,602		
Total	\$105,000	\$1,572,602	\$1,677,602		
Cost-Share 60%	\$63,000	\$943,561	\$1,006,561	\$63,000 (2/13/25)	\$943,561

Commission cost-share policy states that storage capacity beyond what is necessary to serve peak daily consumption is considered a local funding responsibility. However, due to the extraordinary circumstances associated with development of the Theodore Roosevelt Presidential Library and per the intent of Senate Bill 2020, it is recommended that no modification be applied to the eligible amount.

Therefore, this request by the City of Medora for additional state cost-share participation in the New Water Storage Reservoir project in the amount of \$943,561, or 60 percent of eligible costs, with total cost-share not to exceed \$1,006,561, is eligible for consideration, contingent on available funding. Due to limited available municipal funding, it is recommended that discretionary funding be utilized for this request.

RH:jsp:ln/2050MDA

1088415 - City of Medora - New Water Storage Reservoir - Copy

Application Details

Funding Opportunity: 1088301-July 2026 - June 2027 Infrastructure Request
Funding Opportunity Due Date: Jun 30, 2027 3:00 PM
Program Area: Funding for Infrastructure in ND - FIND
Status: Under Review
Stage: Final Application

Initial Submit Date: Jul 2, 2026 5:26 PM
Initially Submitted By: Camie Janikowski
Last Submit Date: Jul 10, 2026 10:51 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:

SAM UEI #:

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: City of Medora New Water Storage Reservoir

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 City of Medora currently has two water storage reservoirs in use. The original tank was constructed in 1963 with a storage capacity of 50,000-gallons. In 2014, a second reservoir was constructed having a usable storage capacity of 97,000-gallons. The City averaged 120,604 gallons per day of usage from 2020-2023. The current average demand exceeds the 2014 tanks capacity and the projected future demand will be approximately 227,000 gallons per day. The existing tank has met it's life expectancy and needs to be replaced while increasing storage capacity to meet current and future demands.

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

Install a new 150,000 gallon storage reservoir to replace the existing 50,000 gallon storage reservoir and meet demand.

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

To update the aged storage tank and increase storage quantity to meet existing and future capacity needs.

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

Install a new 150,000 gallon storage reservoir to replace the existing 50,000 gallon storage reservoir.

For this project,

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

What is the Current Estimated Population*: 140

For this project,

What is the Benefited Population*: 140

Have Assessment Districts Been Formed*: No

Have Land or Easements Been Acquired*: N/A

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

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

Have You Applied For Any Federal Permits*: N/A

Have You Applied for any State Permits*: N/A

Have You Applied for any Local Permits*: N/A

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

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

(Example: Hazard Mitigation Grant Program)

*:

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: 12/8/2023

Design Completion*: 6/20/2026

Bid*: TBA

Construction Start*: TBA

Construction Completion*: TBA

Explain Additional Timeline Issues*:

The project will be bid and construction date will start upon approval of cost-share. No additional timeline issues are anticipated. Supply availability and weather delays would be the only anticipated issues.

Consulting Engineer*: Brosz Engineering

Engineer Direct Phone Number*: 701-523-3340

Engineer Email*: 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 07/02/2026
First Name Last Name Date

Title/Position/Authority*:

City Auditor

Address*:

PO Box 418
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

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

Authorized Signor Direct Phone Number:

701-623-4828

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

First Name Last Name

Additional Board Member Title/Position:

Additional Board Member Email:

Additional Board Member Direct Phone Number:

Documentation

Documentation

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

No

[CLICK HERE](#) to see examples.

Project Specific Map

[New Water Storage Reservoir - 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: [Council July 7 2026 minutes.pdf](#)

Cover Letter: [DWR New Water Storage July 2026 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 Medora Water Tank.xlsx](#)

Type of Request: Construction

Signed Plans and Specifications For Bidding: [2501168_MEDORA_TANK_PLAN_SET__06-09-2026.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: [Copy of life_cycle_cost_analysis_worksheet - Medora New Water Storage Reservoir 7_01_26.xlsx](#)

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

Asset Inventory Assessment: [Basic Asset Inventory Tool - Medora Water 7_01_2026.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: [P-0045552 Medora Water Storage Tank - GT Report.pdf](#)

Photos of Problem/Issue:

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

Other Applicable Document(s): Yes

Other Applicable Document: [MEDORA PRV RTU 2 Daily Pump Report.xlsx 2020-2023.xlsx](#)

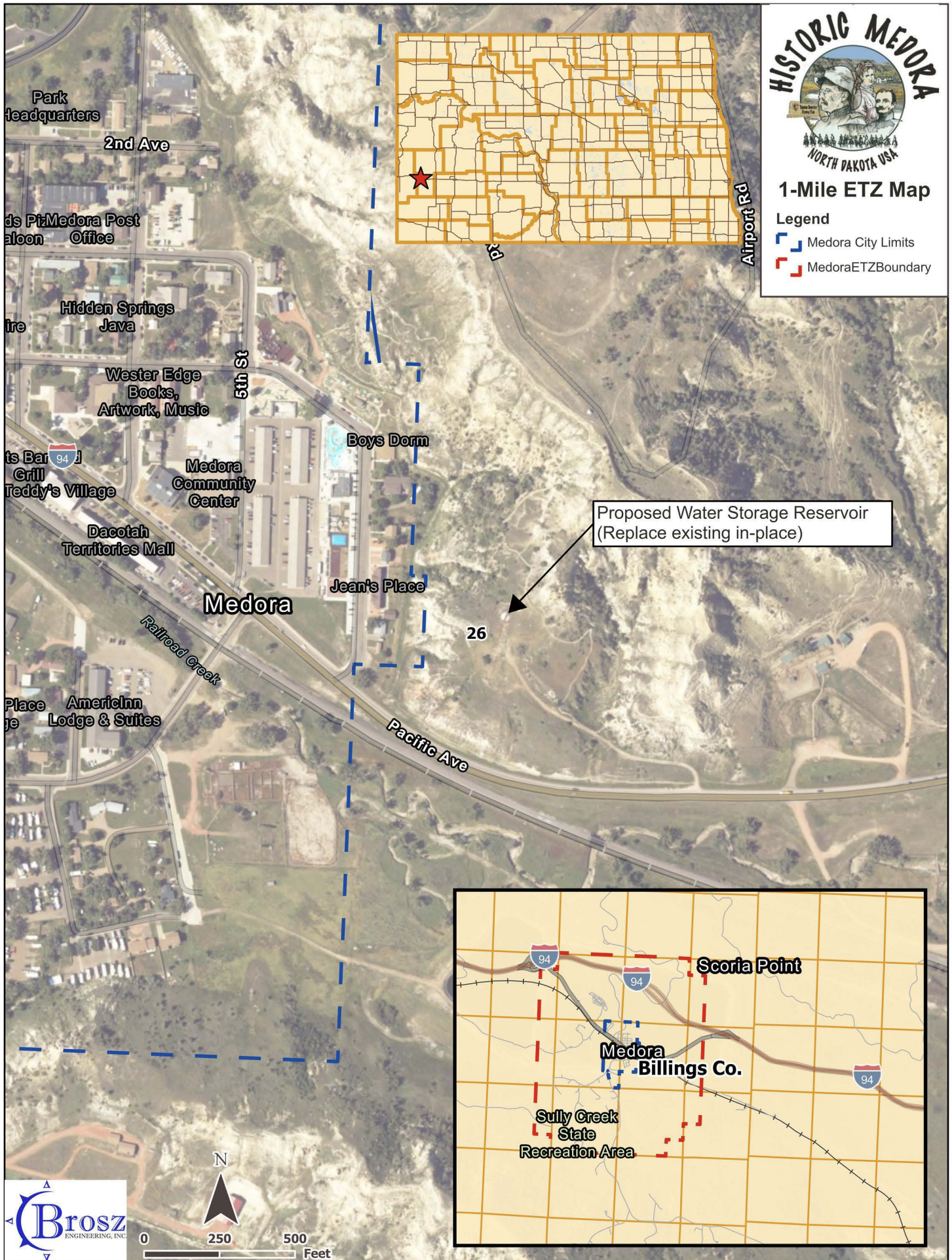
Other Applicable Document:

Other Applicable Document:

Sources

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

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Pre-Construction		Current Request	\$63,000.00	\$0.00	\$0.00	\$63,000.00	Grant	0.00	0.00
Other	City of Medora	Already Approved	\$42,000.00	\$629,041.00	\$0.00	\$671,041.00		0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$943,561.00	\$0.00	\$943,561.00	Grant	0.00	0.00
			\$105,000.00	\$1,572,602.00	\$0.00	\$1,677,602.00			





DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

DWR Date Received :

Date :	7/1/26
Project :	New Water Storage Reservoir
Sponsor :	City of Medora
Contact :	Ivy Maus, Auditor
Phone :	701-623-4828
Engineer :	Shannon Hewson, Brosz Engineering Inc.
Phone :	701-523-3340

Total Cost :	\$ 1,677,601.90	Total Cost-Share* :	\$ 1,006,561.14
Ineligible Cost :	\$ -	Other Eligible:	\$ -
Eligible Cost :	\$ 1,677,601.90	Preconstruction :	\$ 63,000.00
Local Cost :	\$ 671,040.76	Construction :	\$ 943,561.14

Project Type:	Cost-share %
Water Supply - Municipal	60%

Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs						
1	0.0%		0	-	60%	\$ -
2	0.0%		0	-	60%	\$ -
3	0.0%		0	-	60%	\$ -
4	0.0%		0	-	60%	\$ -
5	0.0%		0	-	60%	\$ -
	0.0%			\$ -	60%	\$ -
Other Eligible Total				\$ -	60%	\$ -

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	0.9%	Geotechnical Investigations	1	LS	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
7	2.1%	Preliminary Design	1	LS	35,000.00	\$ 35,000.00	60%	\$ 21,000.00
8	2.1%	Final Design	1	LS	35,000.00	\$ 35,000.00	60%	\$ 21,000.00
9	0.6%	Bidding/Negotiations	1	LS	10,000.00	\$ 10,000.00	60%	\$ 6,000.00
10	0.6%	Cultural Resources	1	LS	10,000.00	\$ 10,000.00	60%	\$ 6,000.00
	6.3%	Preconstruction Total				\$ 105,000.00	60%	\$ 63,000.00

Construction Engineering Costs								
11	6.0%	Project Inspection	1	LS	100,000.00	\$ 100,000.00	60%	\$ 60,000.00
12	0.0%		0		-	\$ -	60%	\$ -
13	0.0%		0		-	\$ -	60%	\$ -
14	0.0%		0		-	\$ -	60%	\$ -
	6.0%	Construction Engineering Total				\$ 100,000	60%	\$ 60,000.00

Construction Costs								
15	8.3%	Mobilization	1	LS	140,000.00	\$ 140,000.00	60%	\$ 84,000.00
16	0.3%	Bonding	1	LS	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
17	0.3%	Insurance	1	LS	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
18	1.4%	Clearing & Grubbing	1	LS	23,750.00	\$ 23,750.00	60%	\$ 14,250.00
19	1.0%	Erosion Control	1	LS	17,500.00	\$ 17,500.00	60%	\$ 10,500.00
20	3.4%	Earthwork	1	LS	56,329.00	\$ 56,329.00	60%	\$ 33,797.40
21	3.2%	Pipeline Appurtenances	1	LS	54,000.00	\$ 54,000.00	60%	\$ 32,400.00
22	0.3%	Tank Cleaning & Disinfection	1	LS	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
23	0.1%	SS Overflow Piping	12	LF	150.00	\$ 1,800.00	60%	\$ 1,080.00
24	1.2%	Water Main 6 in	100	LF	200.00	\$ 20,000.00	60%	\$ 12,000.00
25	0.2%	Water Main 8 in	20	LF	200.00	\$ 4,000.00	60%	\$ 2,400.00
26	0.4%	Fencing	1	LS	6,350.00	\$ 6,350.00	60%	\$ 3,810.00
27	59.6%	Reservoir & Storage - Concrete 150,000 gals	1	LS	1,000,000.00	\$ 1,000,000.00	60%	\$ 600,000.00
28	0.0%		0		-	\$ -	60%	\$ -
29	0.0%		0		-	\$ -	60%	\$ -
30	0.0%		0		-	\$ -	60%	\$ -
31	0.0%		0		-	\$ -	60%	\$ -
32	0.0%		0		-	\$ -	60%	\$ -
33	0.0%		0		-	\$ -	60%	\$ -
34	0.0%		0		-	\$ -	60%	\$ -
35	0.0%		0		-	\$ -	60%	\$ -
36	0.0%		0		-	\$ -	60%	\$ -
		Construction Sub-Total				\$ 1,338,729.00	60%	\$ 803,237.40
8.0%		Allowable Contingency (10%)				\$ 133,872.90	60%	\$ 80,323.74
0.0%		Elective Contingency Reduction	0			\$ -	60%	\$ -
87.8%		Construction Total				\$ 1,472,601.90	60%	\$ 883,561.14

Eligible Preconstruction	\$ 105,000.00	60%	\$ 63,000.00
Eligible Construction	\$ 1,572,601.90	60%	\$ 943,561.14
Eligible Total	\$ 1,677,601.90	60%	\$ 1,006,561.14

		Ineligible Preconstruction Costs						
37	0.0%		0		-	\$ -	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Preconstruction Ineligible Total				\$ -	0%	\$ -

		Ineligible Construction Costs						
41	0.0%		0		-	\$ -	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Construction Ineligible Total				\$ -	0%	\$ -

Ineligible Total	\$ -	0%	\$ -
Project Total	\$ 1,677,601.90		

Federal or State Funds That Supplant Costs	\$ -		
Eligible Cost Total	\$ 1,677,601.90	60%	\$ 1,006,561.14

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

Life Cycle Cost Analysis Review

Sponsor: City of Medora
Project Title: New Water Storage Reservoir
Date: July 10, 2026

Explanation of Alternatives:

Do Nothing/No Build: Existing tanks and system remain as-is and demand continues to exceed capacity.

New Water Storage Reservoir - Preferred: Existing 50,000 gallon reservoir is replaced with a new 150,000 gallon reservoir which is used in tandem with existing secondary tank with a usable capacity of 97,000 gallons to jointly meet current and future daily demand.

Update Existing Water Plant & Install Booster Pumps: This alternative is no longer considered feasible. It involved rehabilitating the existing clear well at the decommissioned water treatment plant for use as storage. However, the recent Pacific Avenue Water Main Replacement project disconnected the plant from the distribution system and the alternative has higher O&M costs, therefore, this it is not considered a viable option.

Inputs:

New Connections Served	0	Current CIF Balance	\$100,000
Future Connections Served	40	Annual CIF Contribution	\$20,000
Current Connections Served	140	Cash Funding Target (Percentage %) New Assets	35%
Net Connections (New + Current)	140	Cash Funding Target (Percentage %) Existing Assets	50%
		Annual CIF Contribution suggested for the Project	\$17,601

	No Build	New Water Storage Reservoir	Update Existing Water Plant & Install Booster Pumps	0
Construction Cost	\$0	\$1,677,602	\$947,100	\$0
Annual O & M	\$10,000	\$12,000	\$35,000	\$0

Details:

City is expanding to additional water users. The following 5 projects (8 connections) are currently being permitted 100-unit Hotel, 39-unit apartment building, another 20-unit Hotel Expansion, new riding stables with 3-apartments, new rodeo arena, 335-unit campground, and 3-cabins. There are additional users anticipated as included in the 2022 Medora Area Plan within the community.

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

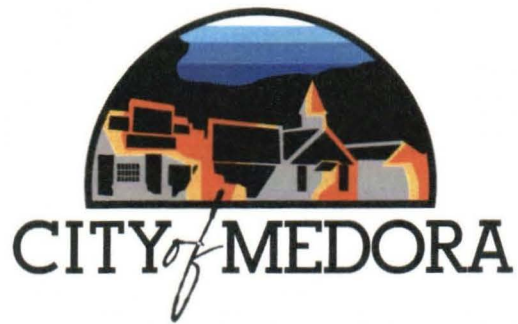
	No Build	New Water Storage Reservoir	Update Existing Water Plant & Install Booster Pumps	-
Present Value				
Capital Costs	\$0	\$1,678,000	\$947,000	\$0
O&M	\$252,000	\$294,000	\$852,000	\$0
Repair, Rehab, Replacement	\$0	\$355,000	\$446,000	\$0
Salvage Value	\$0	\$10,000	\$27,000	\$0
Total PVC	\$252,000	\$2,317,000	\$2,218,000	\$0
PV Cost Per User	\$1,800	\$16,550	\$15,843	\$0
Construction Cost Per User	\$0	\$11,983	\$6,765	
Current Water Rate (Cost Per 5000g)	\$50			
Comparable Water Rate	\$65			
Net Connections (New + Current)	140	140	140	140
Cost-Share Percent	60%	60%	60%	60%
Local Share	\$0	\$671,200	\$378,800	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$671,200	\$378,800	\$0
Payment Per User With Cost-Share	\$0.00	\$24.25	\$13.69	\$0.00
Local Share	\$0	\$1,678,000	\$947,000	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$1,678,000	\$947,000	\$0
Payment Per User Without Cost-Share	\$0.00	\$60.63	\$34.22	\$0.00

Explanation of Results:

The preferred project expands usable storage capacity to meeting growing demand in the area. The present value cost per user is \$16,550 and construction cost per user is \$11,983. Monthly payment per user with DWR Cost Share participation is \$24.25 and \$60.63 per user without DWR participation.

ND Dept. of Commerce	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2020	2024		
Population & Trends	115	160	9.8%	11

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.



July 2, 2026

ND Department of Water Resources

1200 Memorial Highway

Bismarck, ND 58504-5262

RE: City of Medora – New Water Storage Reservoir

To Whom it May Concern,

The City of Medora is planning a project to replace the existing water tanks with a new water storage reservoir. The City acknowledges that they are applying for Department of Water Resources Cost Share for the construction of this project.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ivy Maus", is written over the printed name.

Ivy Maus

Administrator, City of Medora

City of Medora
Minutes of Regular Meeting
7/7/2026
(Subject to Council review and approval)

Call to Order

The meeting was called to order at 6:59pm by Mayor Derwin Zuroff. In attendance were Council Members Clarence Sitter and Jim Bridger, alongside City Administrator Ivy Maus, City Attorney Sandra Kuntz, and City Engineer Shannon Hewson.

Consent Agenda

- Oath of Office

Appointed officials Jodi Johnson and Derek Tester took the Oath of Office.

- Portfolios

Following mutual nominations, the council unanimously elected Jodi Johnson as Council President and Clarence Sitter as Council Vice President.

- Minutes from June 2, 2026
- Minutes from Special Meeting June 18, 2026

The minutes from the regular meeting on June 2, 2026, and the special meeting on June 18, 2026, were reviewed. Bridger made a motion to approve the minutes from June 2, 2026 and June 18, 2026; Sitter seconded. Motion passed unanimously.

Department Reports

- Brosz Engineering Report

Hewson provided a summary of updates for items/projects they are currently working on.

Sitter made a motion to apply for DWR Cost Share; Bridger seconded. Motion passed unanimously.

Sitter made a motion to invite bids for the Water Storage Reservoir, with the bid opening set for August 11, 2026, at 1:30pm; Johnson seconded. Motion passed unanimously.

- Medora Lagoon Cell 4 Pay App #2

Johnson made a motion to approve Pay Application #2 for \$141,415.11 for the WWTF Cell #4 Repair with C3 Energy partners; Tester seconded. Motion passed unanimously.

- Medora Lift Station Change Order #2

Sitter made a motion to approve Medora Lift Station Change Order #2 for \$19,845.49; Tester seconded. Motion passed unanimously.

- JR Civil Medora Lift Station Pay App #3

Johnson made a motion to approve JR Civil Medora Lift Station Pay Application #3 for \$633,712.26; Bridger seconded. Motion passed unanimously.

- Change Order Cordova Construction #2

Bridger made a motion to approve Change Order #2 for the Pacific Avenue Water Main Replacement with Cordova Construction. The Change Order includes a price reduction of \$48,486.00 and a price increase of \$2,386.00; Sitter seconded. Motion passed unanimously.

- Pay Application Cordova Construction #4

Tester made a motion to approve Pay Application #4 for \$155,638.70 for the Pacific Avenue Water Main Replacement with Cordova Construction; Johnson seconded. Motion passed unanimously.

- City Attorney Report
 - Jim Bridger, Dakota Territories Lodging - Development Agreement Draft
 - Medora Riding Stables, TRMF - Development Agreement Draft
- Ambulance Report

A written report was provided.

- Police Department Report

A written report was provided.

- Public Works Report

A written report was provided.

- MCVB Report

A written report was provided.

- MCC Report
 - MCC Report

A written report was provided.

- City Auditor's Report

Council agreed to have the Budget meeting on July 29, 2026, at 6:00pm.

Maus noted that First State Bank required an additional authorized signer. Mayor Zuroff requested that Johnson be added to the account, as her responsibilities will include the financial portfolio, and that Tracy Sexton be removed.

Old Business

- Resolution on Moratorium on development in ETZ public discussion about terms to lift the moratorium

City Attorney Kuntz requested an update regarding the council's consensus on partially or fully lifting the moratorium.

Johnson made a motion to partially lift the moratorium in Resolution 2026-04 to accommodate three projects, the AmericInn expansion (Dakota Territory Lodging), Little Missouri Cabins LLC, and the Medora Riding Stables; Tester seconded. Motion passed unanimously with Sitter and Bridger abstaining due to conflicts of interest.

New Business

- Brady Martz Audit Review

Sitter made a motion to approve the 2021 and 2022 Brady Martz Audit Review; Johnson seconded. Motion passed unanimously.

- TRMF Storage Tank Fine

Bridger made a motion to fine TRMF \$250 for failing to file a zoning application before installing a water storage tank; Johnson seconded. Motion passed unanimously. Sitter abstained from the vote due to a conflict of interest.

- Zoning Permit - 2026-32 Medora Grazing Association

Sitter made a motion to approve Zoning Application 2026-32 Medora Grazing Association contingent upon final zoning approval, a development agreement, and a stormwater plan; Johnson seconded. Motion passed unanimously.

- Zoning Permit - 2026-33 TRMF Rodeo Arena Phase 2

Council tabled TRMF Rodeo Arena Phase 2 until next month until a development agreement is ready.

- Permit 2026-OE4 Special Event Muddy4ACause

Johnson made a motion to approve Special Event Permit 2026-OE4 Muddy4ACause; Bridger seconded. Motion passed unanimously.

Miscellaneous Business

Zuroff noted that the city pool will be closed this summer.

Zuroff announced that the County is forming a redistricting committee and has invited him to join. He offered to step down if another individual wished to serve instead. However, with no objections raised, he will remain on the committee.

Following a resignation on the Zoning Board, Zuroff requested a two-week public posting to see if any community members want to apply.

- Financial Statements

-99836	871 RTC Networks	151.58
-99835	330 ROUGHRIDER ELECTRIC COOP, INC	3436.98
-99834	330 ROUGHRIDER ELECTRIC COOP, INC	2080.40
-99833	330 ROUGHRIDER ELECTRIC COOP, INC	67.00
-99832	523 AT&T Mobility	957.29
-99831	871 RTC Networks	804.85
-99830	871 RTC Networks	151.58
-99829	352 SOUTHWEST WATER AUTHORITY	22432.96
-99828	352 SOUTHWEST WATER AUTHORITY	59.28
3519	994 C3 Energy Partners LLC	227332.04
3520	884 CHOICE INSURANCE	246.00
3521	921 Brosz Engineering, Inc.	102733.50
3522	354 SOUTHWESTERN DISTRICT HEALTH UNIT	30.00
3523	286 ONE CALL CONCEPTS	98.40
3524	305 PUMP SYSTEMS LLC	2227.35
3525	990 JR Civil, LLC	633712.26
3526	994 C3 Energy Partners LLC	141415.11

3527	683 CORDOVA CONSTRUCTION	155638.70
3528	791 FIRST STATE BANK	275.00
5512	884 CHOICE INSURANCE	167.00
20666	135 FARMERS UNION	4483.74
20681	913 Chad's Automotive Clinic	1338.26
20682	988 Santation Products	165.30
20683	33 BELFIELD AUTO SUPPLY, INC	184.90
20684	809 GEORGE'S TIRE LTD	40.00
20685	364 STEIN'S, INC	1875.75
20686	897 GS Publishing, LLC	445.19
20687	557 Legal Edge Solutions, PLLC	4205.00
20688	73 CHILLER SYSTEMS, INC	5475.00
20689	226 MID-AMERICAN RESEARCH CHEMICAL	236.00
20690	989 Service Pro Express Lube	120.56
20691	613 MENARDS-DICKINSON	379.00
20692	377 TEMP RIGHT SERVICE, INC.	226.00
20693	261 NDLC	382.00
20694	985 BradyMartz	17964.35
20695	910 VIZION SIGNS	88.00
20696	934 DAVE'S QUALITY CARPET CARE	275.00
20697	921 Brosz Engineering, Inc.	38885.00
20698	307 QUALITY QUICK PRINT	1035.00
20699	315 RAILROAD MANAGEMENT CO III, LLC	458.76
20700	52 BNSF RAILWAY COMPANY	2419.06
20701	420 FLOOR TO CEILING CARPET ONE INC.	3258.16
20702	906 Superior Spas & Water, LLC	37.63
20703	815 BOSS OFFICE PRODUCTS	29.98
20704	268 ACE HARDWARE	217.78
20705	146 GALLS, LLC	168.56
20706	931 ALEX AIR APPARATUS 2, LLC	876.54
20707	795 BOESPFLUG TRAILERS	363.06
20708	884 CHOICE INSURANCE	5948.00
20709	135 FARMERS UNION	819.46
20710	791 FIRST STATE BANK	163.11

AFLAC2 AFLAC	245.94
DEFERRED COMP NDPERS DEFERRED COMP DEP	1440.00
DENTAL INSURANC AMERITAS	1601.53
FIT EFTPS	17690.85
GROUP TERM LIFE NDPERS HEALTH	20269.56
NDPERS PUBLIC S NDPERS RETIREMENT	3907.08
NDPERS RETIRMEN NDPERS	6543.07
SIT OFFICE OF STATE TAX COMM	822.36
VISION INSURANC FIDELITY SECURITY LIFE (	159.35

Payroll for June \$41,348.04

- Claim Vouches, Financials — review and approval

Payroll, Claim Vouchers, Financial review and approval. Sitter made a motion for approval of the financials; Johnson seconded. Motion passed unanimously.

Announcements

- Deadline for Zoning Applications — Friday, July 10, 2026
- Zoning Meeting — Tuesday, July 21, 2026 @ 6:00pm
- Deadline for Council Agenda Items — Friday, July 24, 2026 @ 12:00pm
- Next Council Meeting — August 4, 2026 @ 7:00pm
- Adjourn

Johnson made a motion to adjourn at 8:55pm.

Attest: _____ Derwin Zuroff, Mayor

Attest: _____ Ivy Maus, City Auditor

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – City of Underwood
Water System Improvements

DATE: July 30, 2026


For Reice Haase

Background & Description

The City of Underwood is requesting construction cost-share for their Water System Improvements (Project). The Project is replacement of approximately 1,500 feet of aging cast iron watermain along 3rd Street NW and 1st Street in Underwood. The Project is located in McLean County.

Supplemental Information

Water Development Plan/Priority	2025 / Low
New/Future/Current Service Users	0 / 0 / 385
Present Value Cost / User	\$3,112
Rate / 5,000-Gallons	\$51
Comparable Rate / 5,000-Gallons	\$52
Water Source	City of Riverdale

Schedule

Task	Dates
Study	Mar. 2023
Design	Mar. 2026
Bid	TBD
Construction	TBD
Completion	Oct. 2026

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$11,800	\$0	\$11,800		
Eligible Cost	\$89,600	\$925,777	\$1,015,377		
Total	\$101,400	\$925,777	\$1,027,177		
Cost-Share 60%	\$53,760	\$555,466	\$609,226/ \$503,834	\$53,760 (1/29/26)	\$450,074

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by the City of Underwood for additional state cost-share participation in the Water System Improvements project in the amount of \$555,466, or 60 percent of eligible costs, with total cost-share not to exceed \$609,226, is eligible for consideration, contingent on available funding. Available funding is \$450,074. The City of Underwood has agreed to accept \$450,074, with total cost-share not to exceed \$503,834 in state cost-share to complete the construction of this project.

RH:jspln/2050UND

1088057 - Underwood Water System Improvements 2026-1

Application Details

Funding Opportunity:	1085949-July 2025 - June 2026 Infrastructure Request	Commission Date : 5/21/26 Commission Action : Deferred (slbrost)
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:	Apr 24, 2026 2:22 PM	
Initially Submitted By:	Jordyn Whebbe	
Last Submit Date:	Apr 29, 2026 4:06 PM	
Last Submitted By:	Josh Wayt	

Contact Information

Primary Contact Information

Active User*:	Yes
Type:	External User
Name:	Salutation Josh Middle Name Wayt First Name Last Name
Title:	Funding Specialist
Email*:	josh.wayt@mooreengineeringinc.com
Address*:	925 10th Ave E Suite 1 West Fargo North Dakota 58078 City State/Province Postal Code/Zip
Phone*:	(701) 200-5455 Ext. Phone ###-###-####
Fax:	###-###-####
Comments:	

Organization Information

Status*:	Approved
Name*:	City of Underwood
Organization Type*:	Municipal Government
Tax Id:	45-6002170
Organization Website:	underwoodnd.org
Address*:	PO Box 168

Underwood North Dakota 58576
City State/Province Postal Code/Zip

Phone*: 701-442-5481 Ext.
#####

Fax: 701-442-5482
#####

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #: 826295078

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: Underwood Water System Improvements 2026-1

Sponsor(s)*: City of Underwood

County*: McLean

City*: Underwood

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?:** North Central Rural Water Consortium II

Jurisdictions/Stakeholders Involved*:

The City of Underwood and its 785 residents.

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

The City's water distribution system includes Cast Iron Pipe (CIP) that was originally installed in the 1940's. The CIP is now more than 80 years old and beyond its useful life. The City has experienced several costly and disruptive watermain breaks in recent years, some of which prompted boil orders.

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

The project will replace deteriorated CIP water mains and associated services, hydrants, and gate valves for the most vulnerable area within the distribution system.

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

The City is respectfully requesting 60% cost share for eligible construction costs.

Describe the Scope of Work or Project

Activities Specific to This Application*:

The City is prioritizing distribution improvements within a 5-block area that is most vulnerable to breaks. The project's scope includes replacement of water mains, services, hydrants, and gate valves.

For this project,

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

What is the Current Estimated Population?* 785

For this project,

What is the Benefited Population?* 785

Have Assessment Districts Been Formed?* N/A

Have Land or Easements Been Acquired?* N/A

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

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

If Yes, Describe the Condition of Drinking Water, Sanitary and Storm Sewer Utilities. When Were the Last Improvements Made to Any Underground Infrastructure? Give Approximate Years for Water Improvements and Sanitary and Storm Sewer Improvements.:

The water distribution system consists of CIP that was originally installed in the 1940's. The sewer collection system is clay pipe that was also installed in the 1940's. The sewer main will be relined with a trenchless technology in a future project.

Have You Applied For Any Federal Permits?* N/A

Have You Applied for any State Permits?* N/A

Have You Applied for any Local Permits?* N/A

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

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

(Example: Hazard Mitigation Grant Program)

*:

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: 03/01/2023

Design Completion*: 03/01/2026

Bid*: 05/28/2026 TBD

Construction Start*: 07/01/2026 TBD

Construction Completion*: 10/20/2026

Explain Additional Timeline Issues*:

No additional timeline issues are anticipated.

Consulting Engineer*: Michael Gorder
Engineer Direct Phone Number*: 651-328-3354
Engineer Email*: michael.gorder@mooreengineeringinc.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*: Jordyn Whebbe 04/24/2026
First Name Last Name Date

Title/Position/Authority*: City Auditor

Address*: 88 Lincoln Ave
Address Line 1
Address Line 2
Underwood North Dakota 58576-0168
City State Zip Code

Direct Phone Number*: 701-442-5481

Sponsor Email*: ctyunder@westriv.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: Jordyn Whebbe
First Name Last Name

Authorized Signor Title/Position: City Auditor

Authorized Signor Email: ctyunder@westriv.com

Authorized Signor Direct Phone Number: 701-442-5481

Provide the Name for One Additional Board Member, if Applicable: Roxanne Kapanke
First Name Last Name

Additional Board Member Title/Position: President of the Commission

Additional Board Member Email:

Additional Board Member Direct Phone Number:

Documentation

Documentation

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

[CLICK HERE](#) to see examples.

Project Specific Map[22182A_Underwood_Exhibit_20251229.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:[22182A_Underwood_MeetingMinutes_02.03.2026.docx](#)**Cover Letter:**[22182A_Underwood_CoverLetter_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:[22182A_Underwood_DelineationCost_V2.xlsx](#)**Type of Request:**

Construction

Signed Plans and Specifications For Bidding:

[22182A_Underwood_ProjectManual_Signed_20260422.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:[22182A_Underwood_LCCA.xlsx](#)

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

Asset Inventory Assessment:[22182A_Underwood_BAIA.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:[22182A_Underwood_PARReport_Signed_20230330.pdf](#)**Photos of Problem/Issue:****GIS Files:**

Please Compress All Files Into One .zip File.

Other Applicable Document(s):

No

Sources

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

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Construction		Current Request	\$555,466.00	\$0.00	\$0.00	\$555,466.00		0.00	0.00
Drinking Water State Revolving Fund		Already Approved	\$417,950.00	\$0.00	\$0.00	\$417,950.00		0.00	0.00
Department of Water Resources Cost Share Pre-Construction		Already Approved	\$53,760.00	\$0.00	\$0.00	\$53,760.00		0.00	0.00
			\$1,027,176.00	\$0.00	\$0.00	\$1,027,176.00			



DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/02/25)

DWR Date Received :

Date : 4/24/26
Project : Underwood Water System Improvements 2026-1
Sponsor : City of Underwood
Contact : Jordyn Wiebbe
Phone : 701-442-5481
Engineer : Tom Klabunde, Moore Engineering Inc.
Phone : 651-328-3354

Total Cost :	\$ 1,027,176.80	Total Cost-Share* :	\$ 609,226.08
Ineligible Cost :	\$ 11,800.00	Other Eligible:	\$ -
Eligible Cost :	\$ 1,015,376.80	Preconstruction :	\$ 53,760.00
Local Cost :	\$ 417,950.72	Construction :	\$ 555,466.08

Project Type:	Cost-share %
Water Supply - Municipal	60%

Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
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BAIA / CP, EAP, DWR Sponsored Project, or Cooperative Program Costs						
% of Cost	0		\$ -		60%	\$ -
1	0		\$ -		60%	\$ -
2	0		\$ -		60%	\$ -
3	0		\$ -		60%	\$ -
4	0		\$ -		60%	\$ -
5	0		\$ -		60%	\$ -
0.0%						
0.0%						
Other Eligible Total			\$ -		60%	\$ -

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs						
6	1	LS	2,000.00	\$ 2,000.00	60%	\$ 1,200.00
7	1	LS	5,600.00	\$ 5,600	60%	\$ 3,360.00
8	1	LS	30,000.00	\$ 30,000	60%	\$ 18,000.00
9	1	LS	40,000.00	\$ 40,000	60%	\$ 24,000.00
10	1	LS	12,000.00	\$ 12,000	60%	\$ 7,200.00
1.2%						
8.7%				\$ 89,600.00	60%	\$ 53,760.00
Preconstruction Total						

Construction Engineering Costs						
11	1	LS	40,000.00	\$ 40,000.00	60%	\$ 24,000.00
12	1	LS	42,000.00	\$ 42,000.00	60%	\$ 25,200.00
13	1	LS	10,000.00	\$ 10,000.00	60%	\$ 6,000.00
14	1	LS	10,000.00	\$ 10,000.00	60%	\$ 6,000.00
9.9%				\$ 102,000	60%	\$ 61,200.00
Construction Engineering Total						

Construction Costs						
15	1	LS	120,000.00	\$ 120,000.00	60%	\$ 72,000.00
16	0		\$ -		60%	\$ -
17	0		\$ -		60%	\$ -
18	1	LS	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
19	1	LS	7,000.00	\$ 7,000.00	60%	\$ 4,200.00
20	1	LS	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
21	1500	LF	130.00	\$ 195,000.00	60%	\$ 117,000.00
22	5	EA	5,000.00	\$ 25,000.00	60%	\$ 15,000.00
23	385	LF	75.00	\$ 28,875.00	60%	\$ 17,325.00
24	23	EA	886.96	\$ 20,400.00	60%	\$ 12,240.00
25	8	EA	4,500.00	\$ 36,000.00	60%	\$ 21,600.00
26	2	EA	10,000.00	\$ 20,000.00	60%	\$ 12,000.00
27	886	LF	3.00	\$ 2,658.00	60%	\$ 1,594.80
28	53	LF	70.00	\$ 3,710.00	60%	\$ 2,226.00
29	1810	SY	12.00	\$ 21,720.00	60%	\$ 13,032.00
30	1950	SY	77.06	\$ 150,275.00	60%	\$ 90,165.00
31	2500	SY	8.00	\$ 20,000.00	60%	\$ 12,000.00
32	200	CY	100.00	\$ 20,000.00	60%	\$ 12,000.00
33	10	LF	130.00	\$ 1,300.00	60%	\$ 780.00
34	8	SY	300.00	\$ 2,400.00	60%	\$ 1,440.00
35	1	LS	34,550.00	\$ 34,550.00	60%	\$ 20,730.00
0.0%	0		\$ -		60%	\$ -
Construction Sub-Total						
Allowable Contingency (10%)						
Elective Contingency Reduction						
7.3%				\$ 748,888.00	60%	\$ 449,332.80
0.0%				\$ 74,888.80	60%	\$ 44,933.28
80.2%				\$ -	60%	\$ -
Construction Total				\$ 823,776.80	60%	\$ 494,266.08
Eligible Preconstruction						
Eligible Construction						
Eligible Total						
				\$ 89,600.00	60%	\$ 53,760.00
				\$ 925,776.80	60%	\$ 555,466.08
				\$ 1,015,376.80	60%	\$ 609,226.08

Ineligible Preconstruction Costs						
37	1	LS	6,500.00	\$ 6,500	0%	\$ -
38	1	LS	2,800.00	\$ 2,800	0%	\$ -
39	0		\$ -		0%	\$ -
40	0		\$ -		0%	\$ -
0.9%				\$ 9,300	0%	\$ -
Preconstruction Ineligible Total						

Ineligible Construction Costs						
41	1	LS	2,500.00	\$ 2,500.00	0%	\$ -
42	0		\$ -		0%	\$ -
43	0		\$ -		0%	\$ -
44	0		\$ -		0%	\$ -
0.2%				\$ 2,500.00	0%	\$ -
Construction Ineligible Total						
Ineligible Total						
Project Total						
				\$ 11,800.00	0%	\$ -
				\$ 1,027,176.80		

Federal or State Funds That Supplant Costs						
Eligible Cost Total						
				\$ 1,015,376.80	60%	\$ 609,226.08

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

Life Cycle Cost Analysis Review

Sponsor: City of Underwood
Project Title: Underwood Water System Improvements 2026-1
Date: April 30, 2026

Explanation of Alternatives:

- **Open Cut Watermain Replacement – Preferred Alternative:** Open-cut method is used to replace watermain, services, hydrants, and gate valves within a 5-block area identified as having the greatest need for improvement.
 - **Do Nothing:** The existing distribution system would remain as-is with no improvements and any failures will be addressed as they occur.
 - **Directional Drilling Watermain Replacement:** Directional drilling method is used to replace watermain, services, hydrants, and gate valves within a 5-block area identified as having the greatest need for improvement.

Inputs:

New Connections Served	0	Current CIF Balance	\$200,000
Future Connections Served	0	Annual CIF Contribution	\$20,000
Current Connections Served	385	Cash Funding Target (Percentage %) New Assets	10%
Net Connections (New + Current)	385	Cash Funding Target (Percentage %) Existing Assets	20%
		Annual CIF Contribution suggested for the Project	\$5,293

	Watermain Replacement (Preferred Alternative)	Do Nothing	Directional Drilling Watermain Replacement	
Construction Cost	\$1,027,176	\$0	\$1,125,676	
Annual O & M	\$1,000	\$5,000	\$1,000	

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

	Open Cut Watermain Replacement (Preferred Alternative)	Do Nothing	Directional Drilling Watermain Replacement	
Present Value				
Capital Costs	\$1,027,000	\$0	\$1,126,000	
O&M	\$21,000	\$126,000	\$21,000	
Repair, Rehab, Replacement	\$175,000	\$0	\$118,000	
Salvage Value	\$25,000	\$0	\$18,000	
Total PVC	\$1,198,000	\$126,000	\$1,247,000	
PV Cost Per User	\$3,112	\$327	\$3,239	
Construction Cost Per User	\$2,668	\$0	\$2,924	
Current Water Rate (Cost Per 5000g)	\$51			
Comparable Water Rate	\$52			
Net Connections (New + Current)	385	385	385	
Cost-Share Percent	60%	60%	60%	
Local Share	\$410,800	\$0	\$450,400	
Other Funding	\$0	\$0	\$0	
Total Local	\$410,800	\$0	\$450,400	
Payment Per User With Cost-Share	\$5.40	\$0.00	\$5.92	
Local Share	\$1,027,000	\$0	\$1,126,000	
Other Funding	\$0	\$0	\$0	
Total Local	\$1,027,000	\$0	\$1,126,000	
Payment Per User Without Cost-Share	\$13.49	\$0.00	\$14.80	

Explanation of Results:

The preferred project uses open cut method for replacements. Present value cost per user is \$3,112 and construction cost per user is \$2,668. The monthly cost with 60% DWR cost-share participation is \$5.40 per user and \$13.49 per user without DWR participation.

	Year	Annual Population Growth Rate	Average Annual Population Increase/Decrease
ND Dept. of Commerce	2010 2024		
Population & Trends	77% 77%	-0.1%	-1

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.
 LCCA Version Version 1.2024.04.18

City of Underwood

PO Box 168 - 88 Lincoln Avenue
Underwood, ND 58576
Phone: 701-442-5481 Fax: 701-442-5482
TTY: RELAY ND 1-800-366-6888

April 17, 2026

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

RE: Underwood Water System Improvements
DWR Construction Cost-Share Request

Dear Lori,

The City of Underwood has initiated a project to replace 5 blocks of existing water main. This section of water main consists of Cast Iron Pipe (CIP) that was originally installed in the 1940's. The CIP is now beyond its useful life, resulting in several costly and disruptive watermain breaks in recent years. This project will use an open trench method to replace the watermain and associated water services, hydrants, and gate valves in the project area.

In January 2026, the City received \$53,760 in DWR cost share assistance to perform design and preconstruction engineering (DWR Project No. 2050UND). The City is now respectfully requesting 60% cost share assistance to support eligible construction and construction engineering costs to complete the project. The project is listed on the State's Water Development Plan.

The urgency of this project is underscored by a January 2026 watermain break in the project area that caused a loss of pressure and boil water advisory for the City. We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water to its residents and visitors. If you have any questions, please feel free to contact me or the City's Engineer, Michael Gorder, at michael.gorder@mooreengineeringinc.com or (651) 328-3354.

Sincerely,

CITY OF UNDERWOOD, NORTH DAKOTA



Jordyn Whebbe
City Auditor

The Underwood City Commission met February 3, 2026, at 6pm at city hall.

Commissioners present: Cabrera, Fischer, Kapanke, Sayler, Saxberg, absent, none.

Fischer, Cabrera, moved to approve January 13, 2026 meeting minutes, motion carried.

Sayler, Cabrera moved to approve the December 2025 and January 2026 monthly financial reports, motion carried.

Cabrera reported that the Library Board will be conducting interviews for head Librarian.

Sayler stated that city employees should not be climbing the water tower for any repairs needed, that a contractor with proper equipment should be contacted.

Moore Engineering reported that a punch list has been developed for items that need to be completed on the water tower project. Tom Klabunde explained that there are potential grant funds and revolving loan funds remaining from the project that could be used to replace the water main on County Road 14, and a few blocks of Garfield Avenue and/or 1st Street. This was an area of concern due to the recent main water break on County Rd. 14. He stated that if the Commission wanted to proceed with the project, he would need to submit an application to the North Dakota Department of Water Resources. Fischer, Sayler, moved to proceed with the cost-share reimbursement project, motion carried.

Sayler, Cabrera, moved to approve the Moore Engineering contract for the project, motion carried. Klabunde stated he would submit the Sletten Excavating bill, for the December water main break on County Road 14, to the State Revolving Fund for possible reimbursement.

The Commission directed city employees to replace old meters that hadn't been replaced with new meters instead of having Core and Main contractors finish the project. Klabunde stated that the underground part of the water tower project is complete with additional asphalt patching needed in some areas.

Fischer, Saxberg, moved to approve the estimated cost for using copper and aluminum wiring for connecting the new generator to the main lift station, motion carried. Klabunde mentioned that training on operation of the generator has been scheduled for city employees.

Kapanke, President of the City Commission, discussed a request for sanding/salting a business parking lot. Commissioners declined.

Public Works Superintendent, Amy Riddle, reported that Neal Repnow had completed maintenance on the main lift station and had taken the pump impellers to ND Sewage and Lift Station for repairs.

Fischer, Sayler, moved to approve the first reading of the Floodplain Management Ordinance #48, motion carried.

Saxberg, Cabrera, moved to approve advertising for a Deputy Auditor position with a March 13th deadline, motion carried.

Cabrera, Sayler, moved to approve hiring Diane Schell as a mentor for the new city auditor for \$15 per hour, motion carried.

Sayler, Cabrera, moved to accept Courtney Adams' resignation as of February 28th, motion carried.

Saxberg, Cabrera, moved to approve a bid from Fischer Lawn Care to mow the City Cemetery for \$50 per hour, the same rate as last year, voting aye: Cabrera, Kapanke, Sayler, and Saxberg, abstaining: Fischer, motion carried.

Saxberg, Cabrera, moved to approve the 2025 Annual Financial Statement as presented, motion carried.

Cabrera, Sayler, moved to approve the McLean County Joint Powers Agreement for the 2026 elections, motion carried.

Saxberg, Cabrera, moved to approve the destruction of records as presented, motion carried.

Cabrera, Sayler, moved to approve a gaming permit for the Washburn American Legion to run a Super Bowl sports pool, February 8th at Rusted Rail, motion carried.

Saxberg, Sayler, moved to approve a special liquor license for Rusted Rail to sell alcohol at a pinochle tournament at city hall February 7th, motion carried.

Commissioners discussed a metal garage that was moved onto city property near the fairgrounds, by Joe Schrodt, without permission. Cabrera, Fischer moved to send him a letter stating that he has until May 1st to remove the building, motion carried.

Cabrera, Saxberg, moved to pay for expenses from the recent water main break a disaster declaration, out of the Emergency Fund, carried motion.

Sayler, Saxberg, moved to approve payment of the bills, motion carried.

Fischer, Cabrera, moved to adjourn at 9pm, motion carried.

L

Status Notes **NEW THIS CYCLE -**
PREVIOUSLY DEFERRED

Sponsor

Project

WDP

DEQ Score

(IUP Phase
Rank) S,PC,C,CI
,OCost-share to
SWCRunning
Total/Bucket

RURAL						Current Available (	
						\$	2,662,774
NEW AUGUST SWC	Northeast RWD	User Facility Expansion	M	23	C	\$ 1,164,761	\$ 1,498,013

Rural Bucket

MUNICIPAL						Current Available (	
						\$	450,074
1		Underwood	Water System Improvements 2026-1	L	12 (140)	C	\$ 555,466 \$ (105,392)
MUNICIPAL PROJECTS BEYOND CURRENT POTENTIAL FUNDING CAPACITY							
2	Withdrawn	Bismarck	WU152	L	10	C	\$ 2,440,567 \$ (2,545,959)
3	NEW AUGUST SWC	Grenora	Water Treatment Improvements	L	9(248)	PC	\$ 30,000 \$ (2,575,959)
4		Steele	Water Main Replacement	L	9	PC	\$ 124,200 \$ (2,700,159)
5	NEW AUGUST SWC	Almont	Phase 1 Infrastructure	L	8	C	\$ 47,540 \$ (2,747,699)
6	(May be near complete)	Casselton	Downtown	L	7 (246)	C	\$ 525,218 \$ (3,272,917)
7		Harwood	North Main Water Loop	L	4	C	\$ 491,129 \$ (3,764,046)
8		Grafton	Phase 1			C	\$ 2,556,064 \$ (6,320,110)
9		Regent	Main Avenue Reconstruction			C	\$ 644,705 \$ (6,964,815)
10		Watford City	2026 Water Main Replacement			C	\$ 2,130,923 \$ (9,095,738)
11		West Fargo	1st Avenue			C	\$ 1,136,346 \$ (10,232,084)
12		West Fargo	Meadow Ridge			C	\$ 1,120,118 \$ (11,352,202)
13	Withdrawn	Williston	West Broadway Improvements			C	\$ 395,962 \$ (11,748,164)
14		Rolla	WTP Improvements			S	\$ 15,000 \$ (11,763,164)
15		Binford	Water & Wastewater System Imprv.			PC	\$ 300,000 \$ (12,063,164)
16		Mandan	Intake Phase III Study			S	\$ 135,000 \$ (12,198,164)
17		Stanley	Capitol Improvements Project IV			PC	\$ 95,640 \$ (12,293,804)
18	Withdrawn	Dickinson	I-94B, I-94W to State Ave			C	
19	Withdrawn	Dickinson	ND22 and 8th St Intersection			C	

Municipal Bucket

Status Notes **NEW THIS**
CYCLE - PREVIOUSLY
DEFERRED

Sponsor

Project

Phase
S,PC,C,CI,
O

Cost-share
to SWC

Running
Total/Bucket

General Water

Current Availi
\$ 1,605,012

1	NEW AUGUST SWC	Burke Co WRD	North Star Dam Removal	C	\$ 185,282	\$ 1,419,730	General
2	NEW AUGUST SWC	GDCD	MM 10R Irrigation Project	C	\$ 253,729	\$ 1,166,001	
3	NEW AUGUST SWC	Ransom Co WRD	Fort Ransom Dam Modification	C	\$ 412,500	\$ 753,501	
4	NEW AUGUST SWC	Pembina Co WRD	Pembina City Dam Modification	C	\$ 1,185,243	\$ (431,742)	

General Water - Conveyance

Current Availi
\$ 11,324,353

1	NEW AUGUST SWC	Cass Co Joint WRD	Drain 13 Outlet Improvements	P	\$ 165,000	\$ 11,159,353	Conveyance
2	NEW AUGUST SWC	North Cass WRD	Drain 26 Improvements	C	\$ 279,626	\$ 10,879,727	
3	NEW AUGUST SWC	Pembina Co WRD	Drain 4 Stabilization	C	\$ 130,368	\$ 10,749,359	
4	NEW AUGUST SWC	Richland Co WRD	Drain 4 (33) Improvements	C	\$ 127,218	\$ 10,622,141	

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: NDSWC Cost-Share Request – Pembina County Water Resource District (WRD)
Pembina City Dam Modification Project - Construction

DATE: July 27, 2026


For Reice Haase

Background & Description

Pembina County WRD (Sponsor) is requesting construction cost-share assistance for the Pembina City Dam Modification Project (Project). The Pembina City Dam is a low-hazard, low-head dam on the Pembina River. The Project will mitigate public safety hazards caused by the dam's recirculating roller effect while facilitating aquatic species passage. Rock riprap and boulders will be installed to create rapids in the location of the existing dam. The dam abutments will be eliminated, and slopes will be protected with rock riprap. The City of Pembina owns the dam and is the construction project owner. Under a memorandum of understanding executed in June 2026, the WRD is the fiscal agent for external grant funding. The Project is in the City of Pembina, Pembina County.

Supplemental Information

Water Development Plan	High Priority
DWR Construction Permit	No. 2794
DWR Sovereign Land Permit	No. 2552
DWR Water Permit	No. 758
USACE 404 Permit	Ongoing

Completion Schedule

Study	Completed
Design	Completed
Bid	Sept. 15, 2026
Construction Start	Sept. 2026
Completion	Nov. 2027

Cost-Share Funding Summary

	Preconstruction	Estimated Construction	Previously Approved	Recommend
Noneligible Cost	\$125,000	\$62,100		
Eligible Cost	\$0	\$1,580,325		
Total	\$125,000	\$1,642,425		
Cost-Share 75% (Requested)	USFWS & NDGF	\$1,185,243		\$1,185,243

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, Pembina County WRD's request for state cost-share participation in the Pembina City Dam Modification Project is eligible for consideration, contingent upon available funding, at 75% of eligible costs for a state cost-share amount not to exceed \$1,185,243.

RH:af/0299

1086375 - Pembina Dam Modification

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: Submitted
Stage: Final Application

Initial Submit Date: Jun 29, 2026 10:31 AM
Initially Submitted By: Terrel O'Gorman
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Ms. LuAnn L Kemp
Salutation First Name Middle Name Last Name
Title: Secretary
Email*: llkemp@nd.gov
Address*: 308 Courthouse Drive #5

Cavalier North Dakota 58220
City State/Province Postal Code/Zip
Phone*: (701) 265-4511 Ext.
Phone
###-###-####
Fax: (701) 265-4561
###-###-####

Comments:

Organization Information

Status*: Approved

Name*: Pembina County Water Resource District

Organization Type*: Political Subdivision

Tax Id: 45-6006376

Organization Website:

Address*: 308 Courthouse Drive #5

Phone*: Cavalier North Dakota 58220-____
City State/Province Postal Code/Zip
(701) 265-4511 Ext.
###-###-####

Fax: (701) 265-4561
###-###-####

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #: H3D9BHP2R5L7

SAM Validation: Active

SAM Expiration Date: 11/26/2026

SAM Exclusion Flag:

SAM Last Updated: Jun 8, 2026 12:01 AM

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: Pembina Dam Modification

Sponsor(s)*: Pembina County Water Resource District

County*: Pembina

City*: Pembina

Description of Request*: New

Project Type: DAM Safety/EAP

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 Pembina

Pembina County Water Resource District

North Dakota Game and Fish Department

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

The Pembina Dam is in need of modification to address the public safety issues associated with the low-head dam. The project will eliminate the hydraulic roller which will significantly improve public safety.

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

The proposed project will install a rock arch rapids that maintains the crest of the dam. The crest of the rock arch rapids would be located near the crest of the existing dam. Rock arch rapids being a more natural design helps to limit future maintenance costs once constructed.

Describe the Objectives or Goals Specific to This Application*:

The objective or goal of this application is to improve public safety by modifying the existing City of Pembina dam to eliminate the dangerous hydraulic roller.

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

Rock riprap and boulders will be installed to create a rapids in the location of the existing dam. The dam abutments will be eliminated and slopes will be protected with rock riprap.

For this project,

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

What is the Current Estimated Population*:	487
---	-----

For this project,

What is the Benefited Population*:	487
---	-----

Have Assessment Districts Been Formed*:	No
--	----

Have Land or Easements Been Acquired*:	N/A
---	-----

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

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

Have You Applied For Any Federal Permits?* Yes

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

Section 404 - The project will fit under a Nationwide Permit per discussions with Samantha Samberg (USACOE). She is only waiting on SHPO.

Have You Been approved for any Federal Permits?* Ongoing

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

Corps Section 404 permit is in progress and expected approval waiting on SHPO. Cultural study was forwarded to SHPO in May 2026. Approval expected any day now.

Have You Applied for any State Permits?* Yes

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

1. Sovereign Lands Permit - APPROVED
2. Permit to construct or modify a dam - APPROVED

Have You Been Approved for any State Permits?* Yes

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

1. Sovereign Lands Permit - APPROVED
2. Permit to construct or modify a dam - APPROVED

Have You Applied for any Local Permits?* Yes

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

Floodplain

Have You Been Approved For Any Local Permits?* Yes

If Yes or Ongoing, Please

Explain

(include type/number):

City of Pembina approved the floodplain permit on 8/18/2025

Permit # 2025-0818

Do You Expect Any Obstacles to No

**Implementation (i.e. Problems
with Land Acquisition, Permits,
Funding, Local Opposition,
Environmental Concerns, etc.)?**

***:**

Have You Received, or Do You No

**Anticipate Receiving Federal
Funding?**

(Example: Hazard Mitigation Grant
Program)

***:**

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: 9/27/2024

Design Completion*: 9/30/2025

Bid*: 9/15/2026

Construction Start*: 9/25/2026

Construction Completion*: 11/30/2027

Explain Additional Timeline

Issues*:

None expected

Consulting Engineer*: Erik S. Jones

Engineer Direct Phone Number*: 701-499-2055

Engineer Email*: ejones@houstoneng.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*:

LuAnn Kemp 06/29/2026
First Name Last Name Date

Title/Position/Authority*:

Secretary

Address*:

308 Courthouse Drive #5

Address Line 1

Address Line 2

Cavalier North Dakota 58220-0000
City State Zip Code

Direct Phone Number*:

701-265-4511

Sponsor Email*:

llkemp@nd.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:

LuAnn Kemp
First Name Last Name

Authorized Signor Title/Position:

Secretary

Authorized Signor Email:

llkemp@nd.gov

Authorized Signor Direct Phone Number:

701-265-4511

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

Donald Kemp
First Name Last Name

Additional Board Member Title/Position:

Chairman

Additional Board Member Email: donkemp@polarcomm.com

Additional Board Member Direct 701-265-4511

Phone Number:

Documentation

Documentation

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

CLICK HERE to see examples.

Project Specific Map Grant_ApplicationMap._092625_1.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: PCWRD June 23 2026 minutes.pdf

Cover Letter: CoverLetter_PembinaDam6-30-2026.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: 2026-05-21_Pembina Dam_sfn_61801_delineation_of_cost.xlsx

Type of Request: Construction

Signed Plans and Specifications For Bidding: PembinaDamModification_Plans Specs 2026-06-26.pdf

Is This a Water Supply Project?: No

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: SL2552_Cover_Letter.pdf

DWR Construction Permit, if
Required for Construction
Request: CP_2794_permit_final.pdf

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: 2025-09-30 Design Report_Pembina Dam Modification Rev.pdf

Photos of Problem/Issue: Pembina Dam2 8-30-24.jpg

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

Other Applicable Document(s): Yes

Other Applicable Document: PembinaCity-WRD-MOU.pdf

Other Applicable Document:

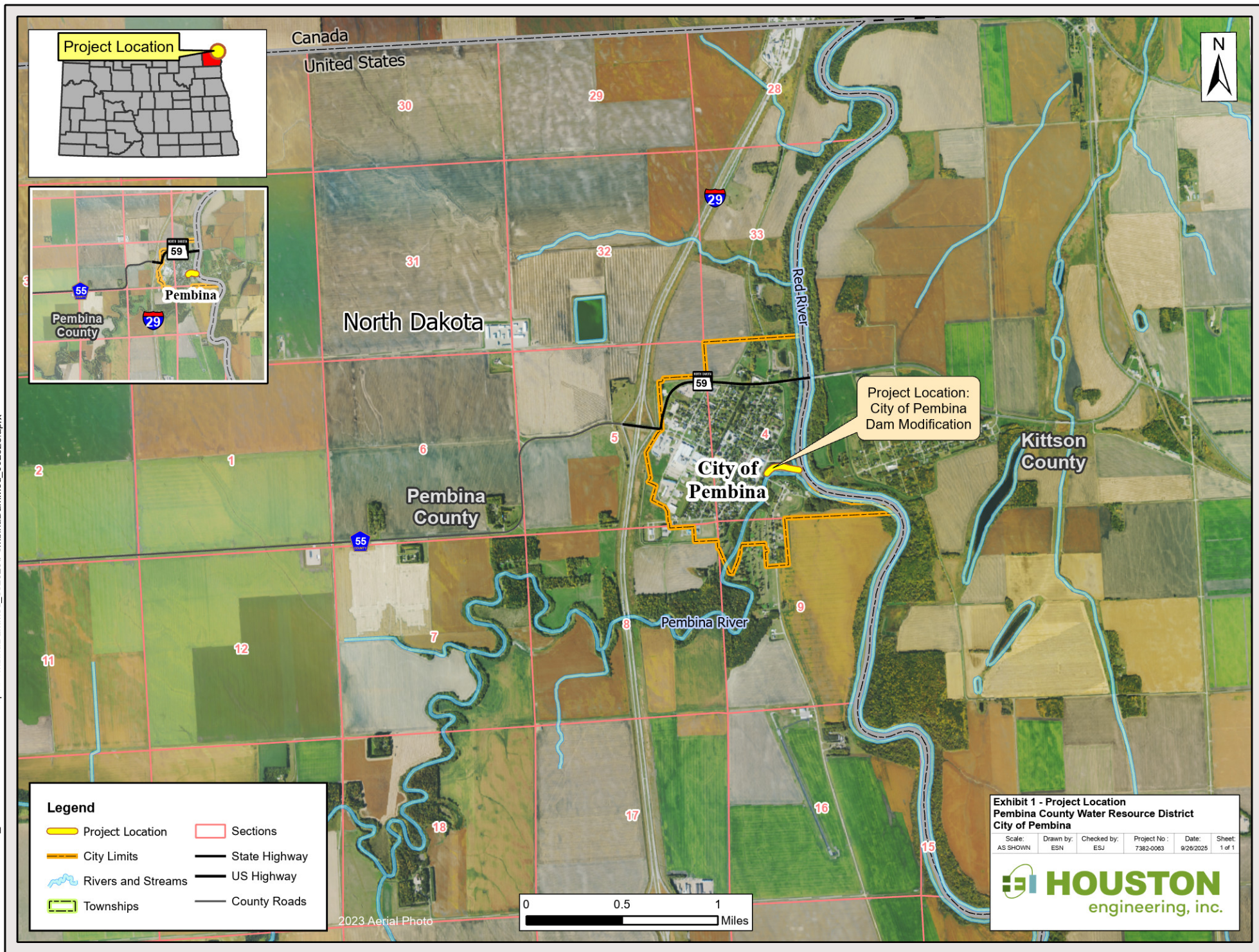
Other Applicable Document:

Sources

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

Source	If Other, Specify Funding Source	Source Status	State	State Fiscal	Beyond	Total Cost	Type	Term	Interest Rate
			Year 1 July to June	Year 2 July to June	Current Biennium				
			\$62,500.00	\$1,636,135.00	\$0.00	\$1,698,635.00			

Source	If Other, Specify Funding Source	Source Status	State	State Fiscal	Beyond	Total Cost	Type	Term	Interest Rate
			Fiscal Year 1 July to June	Year 2 July to June	Current Biennium				
Department of Water Resources Cost Share Construction		Current Request	\$50,000.00	\$1,223,976.00	\$0.00	\$1,273,976.00	Grant	0.00	0.00
Other	The Nature Conservancy	Already Approved	\$12,500.00	\$412,159.00	\$0.00	\$424,659.00		0.00	0.00
			\$62,500.00	\$1,636,135.00	\$0.00	\$1,698,635.00			





DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

DWR Date Received : June 30, 2026

PRE-BID AMOUNTS

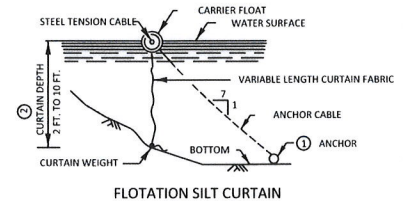
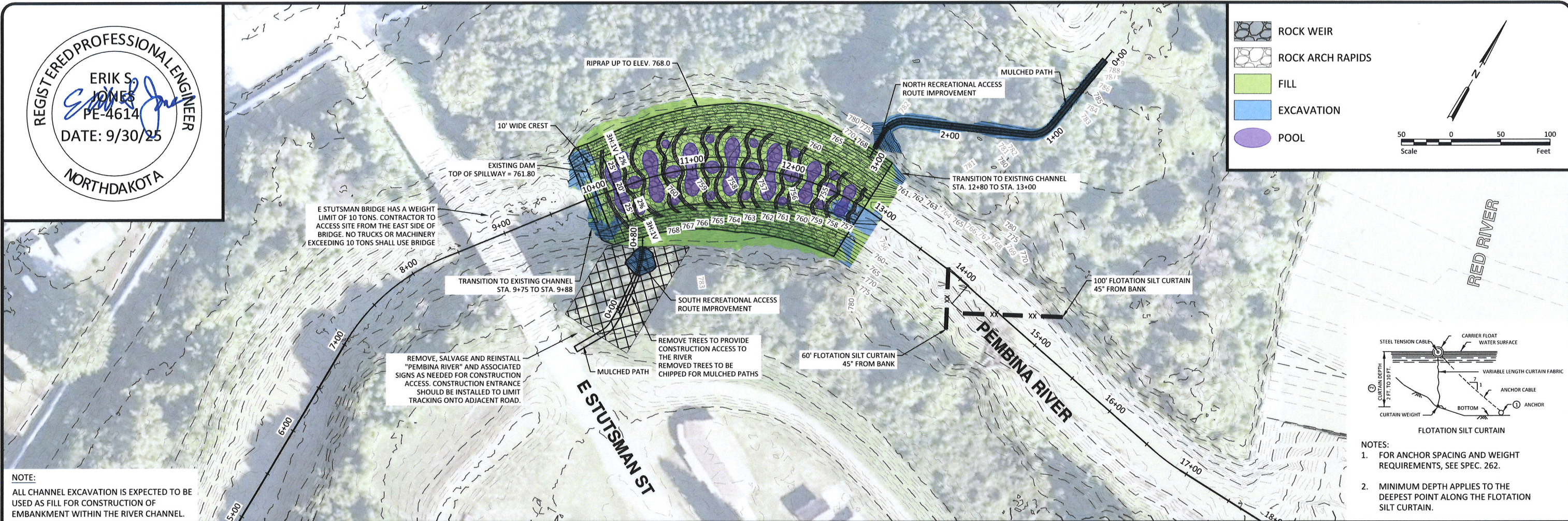
Date :	5/21/26
Project :	Pembina Dam Modification
Sponsor :	Pembina County Water Resource District
Contact :	LuAnn Kemp, Secretary
Phone :	701_265_4511
Engineer :	Erik Jones, Houston Engineering Inc.
Phone :	701_237_5065

Total Cost :	\$ 1,767,424.50	Total Cost-Share* :	\$ 1,185,243.38
Ineligible Cost :	\$ 187,100.00	Other Eligible :	\$ -
Eligible Cost :	\$ 1,580,324.50	Preconstruction :	\$ -
Local Cost :	\$ 582,181.13	Construction :	\$ 1,185,243.38

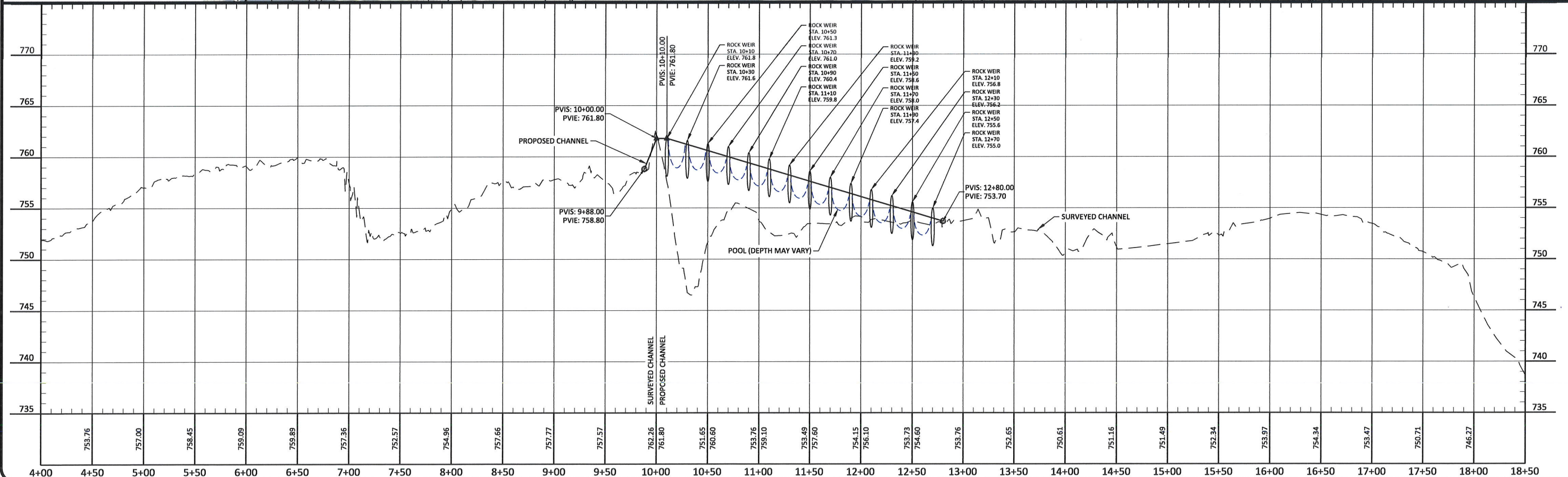
Project Type:	Cost-share %
Dam - Low Head Roller Effect Mitigation	75%

		Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
		BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs						
Item 1	0.0%		0		-	\$ -	75%	\$ -
2	0.0%		0		-	\$ -	75%	\$ -
3	0.0%		0		-	\$ -	75%	\$ -
4	0.0%		0		-	\$ -	75%	\$ -
5	0.0%		0		-	\$ -	75%	\$ -
	0.0%	Other Eligible Total				\$ -	75%	\$ -
Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	0.0%		0			\$ -	75%	\$ -
7	0.0%		0		-	\$ -	75%	\$ -
8	0.0%		0		-	\$ -	75%	\$ -
9	0.0%		0		-	\$ -	75%	\$ -
10	0.0%		0		-	\$ -	75%	\$ -
	0.0%	Preconstruction Total				\$ -	75%	\$ -
Construction Engineering Costs								
11	1.4%	Construction Contract Management	1	LS	25,000.00	\$ 25,000.00	75%	\$ 18,750.00
12	7.1%	Project Inspection	1	LS	125,000.00	\$ 125,000.00	75%	\$ 93,750.00
13	0.0%		0		-	\$ -	75%	\$ -
14	0.0%		0		-	\$ -	75%	\$ -
	8.5%	Construction Engineering Total				\$ 150,000	75%	\$ 112,500.00
Construction Costs								
15	1.4%	Mobilization	1	LS	25,000.00	\$ 25,000.00	75%	\$ 18,750.00
16	0.0%	Bonding	0		-	\$ -	75%	\$ -
17	0.0%	Insurance	0		-	\$ -	75%	\$ -
18	0.3%	FLOTATION SILT CURTAIN	160	LF	36.00	\$ 5,760.00	75%	\$ 4,320.00
19	0.8%	MODIFY EXISTING DAM	1	LS	15,000.00	\$ 15,000.00	75%	\$ 11,250.00
20	1.0%	BORROW EXCAVATION	443	CY	40.00	\$ 17,720.00	75%	\$ 13,290.00
21	21.5%	RIPRAP (BASE ROCK)	2055	CY	185.00	\$ 380,175.00	75%	\$ 285,131.25
22	34.6%	RIPRAP GRADE III	3170	CY	193.00	\$ 611,810.00	75%	\$ 458,857.50
23	11.3%	ROCK WEIR (36" TO 60" DIAMETER BOULDERS	1112	LF	180.00	\$ 200,160.00	75%	\$ 150,120.00
24	0.8%	ROCK BOULDERS (36" TO 60" DIAMETER BOUL	26	EA	530.00	\$ 13,780.00	75%	\$ 10,335.00
25	0.2%	FLAT ROCK BOULDERS (48" TO 72" DIAMETER	4	EA	880.00	\$ 3,520.00	75%	\$ 2,640.00
26	0.8%	CLEARING AND GRUBBING	1	LS	15,000.00	\$ 15,000.00	75%	\$ 11,250.00
27	0.3%	SEEDING AND MULCHING	1	LS	6,000.00	\$ 6,000.00	75%	\$ 4,500.00
28	0.4%	EROSION CONTROL BLANKET	910	SY	7.00	\$ 6,370.00	75%	\$ 4,777.50
29	0.0%					\$ -	75%	\$ -
30	0.0%		0		-	\$ -	75%	\$ -
31	0.0%		0		-	\$ -	75%	\$ -
32	0.0%		0		-	\$ -	75%	\$ -
33	0.0%		0		-	\$ -	75%	\$ -
34	0.0%		0		-	\$ -	75%	\$ -
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
		Construction Sub-Total				\$ 1,300,295.00	75%	\$ 975,221.25
	7.4%	Allowable Contingency (10%)				\$ 130,029.50	75%	\$ 97,522.13
	0.0%	Elective Contingency Reduction	0		-	\$ -	75%	\$ -
	80.9%	Construction Total				\$ 1,430,324.50	75%	\$ 1,072,743.38
Eligible Preconstruction						\$ -	75%	\$ -
Eligible Construction						\$ 1,580,324.50	75%	\$ 1,185,243.38
Eligible Total						\$ 1,580,324.50	75%	\$ 1,185,243.38
Ineligible Preconstruction Costs								
37	7.1%	Preconstruction - Funded by other sources	1	LS	125,000.00	\$ 125,000	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	7.1%	Preconstruction Ineligible Total				\$ 125,000	0%	\$ -
Ineligible Construction Costs								
41	3.5%	Access Stairs (NDGF Funding)	27	LF	2,300.00	\$ 62,100.00	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
	3.5%	Construction Ineligible Total				\$ 62,100.00	0%	\$ -
Ineligible Total						\$ 187,100.00	0%	\$ -
Project Total						\$ 1,767,424.50		
Federal or State Funds That Supplant Costs						\$ -		
Eligible Cost Total						\$ 1,580,324.50	75%	\$ 1,185,243.38

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



- NOTES:
- FOR ANCHOR SPACING AND WEIGHT REQUIREMENTS, SEE SPEC. 262.
 - MINIMUM DEPTH APPLIES TO THE DEEPEST POINT ALONG THE FLOTATION SILT CURTAIN.



HOUSTON
engineering, inc.

Drawn by
SMH
Checked by
TDR
Date
9/30/25
Scale
AS SHOWN

PEMBINA DAM MODIFICATION
PEMBINA COUNTY WATER RESOURCE DISTRICT
PEMBINA, NORTH DAKOTA

ROCK ARCH RAPIDS
PLAN AND PROFILE
PROJECT NO. 7382-0063

SHEET
5



PEMBINA COUNTY
WATER RESOURCE DISTRICT

308 Courthouse Drive #5
Cavalier, North Dakota 58220
Phone: 701-265-4511
Fax: 701-265-4165

June 30, 2026

ND State Water Commission
Bismarck, ND 58504

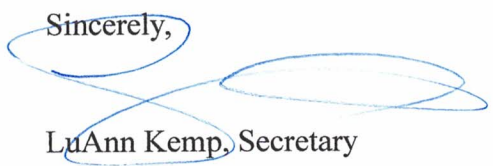
Dear Members:

The Pembina County Water Resource District (PCWRD), requests construction cost-share with the North Dakota Department of Water Resources (NDDWR) for Pembina City Dam Modifications. The project is a installation of a rock arch rapids to eliminate the high priority low head dam which presents a drowning hazard for local residents. This is a joint effort by the City of Pembina, Pembina County Water Resources, and the Nature Conservancy.

The total construction and construction engineering costs to implement the permanent grade stabilization is estimated to be \$1,698,635, and the Board hereby requests ND DWR cost-share in the amount of \$1,273,976 to complete dam safety modifications to the low head dam.

If you have any questions, please don't hesitate to call our office.

Sincerely,


LuAnn Kemp, Secretary

Enc

Board Members

Richard Kendall, Randall Emanuelson, Ted Juht, William Gunderson, & Donald Kemp

**These are DRAFT minutes, subject to amendment before final approval by
the Pembina County Water Resource District**

June 23, 2026

MINUTES OF THE MEETING OF THE
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Those present were Managers William Gunderson, Donald Kemp, Ted Juhl, Randall Emanuelson, and LuAnn Kemp, secretary. Attorney Robert Fleming also present. A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the minutes of June 2, 2026. A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the minutes of June 12, 2026.

The public comment period was held at 8:10 am. No public comments were received.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to amend the agenda to include: culvert request for Brown and Kemp, Drain 64 advertisement for bids, and Devon Johnson – Pembina County Highway.

Kelly Brown, Charlie Morrison, Mark Morrison, Travis Brown, and Landis McDonald met with the board regarding a request for an additional culvert into Drain 4 in the NE ¼ of Section 5-162-53. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the installation of an additional 36 inch x 50 foot culvert with trap into Drain 4. Quotes will be requested from contractors for direct hire.

Alex Spitsburg – Nodak Electric met with the board regarding projects that will be crossing legal assessment drains. A motion was made by Randall Emanuelson, seconded by Ted Juhl, by vote unanimously carried to approve the easement as amended to the correct township/range for Section 7-160-52. The board also reviewed the proposed work south of the border crossing near Walhalla.

A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the Drain 64 Bid advertisement as presented.

The board reviewed the culvert request by D. Kemp for the SE ¼ Section 24-161-52 and issued no comment.

A motion as made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the bills as presented:

14401	Pembina County	56.28
14402	LuAnn Kemp	98.38
14403	Thorlakson Construction	1,295.00

The board reviewed the Drain 64 ND DWR Drain permit. A motion was made by Ted Juhl, seconded by Randall Emanuelson, by vote unanimously carried to approve the permit after finding no downstream effects to the project.

June 23, 2026

MINUTES OF THE MEETING OF THE
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Page 2

The board reviewed the email from Ms. Landry regarding Bourbanis Dam. Minutes from July 1, 2025 stated:

A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve Kendall Construction to spray the dams and the area of concern on Bourbanis Dam clay stockpile based on the rates provided in the original bid Option A.

The board will direct Mr. Gemmil to spray the areas the stockpile again this year. No action was taken on the request for access or tree planting as those had been addressed previously with the landowner.

Mike Ferrie – Houston Engineering was present with project updates.

- Snagging and clearing – the project proposal will included approximately 3.75 miles starting near Morrison Dam and moving west to 94th Street. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the Notice of Hearing to set the date for the hearing as August 4th pending Commission availability.
- Drain 4 – ND DWR cost-share will be submitted by 6/29, project is moving forward with bidding late summer
- Tongue River Cutoff – the NRCS has indicated they would be agreeable to a modified use permit if requested by the landowner
- Olga Road – discussion on possibility to do a small repair on the road at this time
- Wieler Dam – the television/jetting is expected to take 2 days at a cost of \$12,000. Board will need to coordinate removal of animal gate on the 8 inch drain prior to expected work in mid-July.
- Drain 67A Culvert repairs – final site visit pending drier weather to allow for inspection of culverts – target bid date for mid-winter for 2027 work
- Drain 67C – Final pay will be processed at end of warranty period
- Drain 78 – mobilization for additional rip rap is expected when road conditions improve
- Assessment North of Drayton – the board reviewed the correspondence regarding benefit analysis for all parcels in drains that are impacted by a reassessment; a motion was made by Randall Eamneulson, seconded by Ted Juhl, by vote unanimously carried to pause the Assessment project at this time.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the ND DWR Cost-share applications for Drain 4 and the City of Pembina Dam removal as presented and direct Secretary/Treasurer to sign the letter and application.

Manager Gunderson reported an area on Drain 79 that will need spraying for weeds and trees.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: NDSWC Cost-Share Request – North Cass WRD
Cass County Drain 13 Outlet Improvements - Preconstruction

DATE: July 27, 2025


For Reice Haase

Background & Description

North Cass WRD (Sponsor) is requesting preconstruction cost-share funding for the Cass County Drain 13 Outlet Improvements Project (Project). A feasibility study completed in 2026 evaluated alternatives to address significant erosion along an 8.5-mile reach of Drain 13, extending from Highway 81 to its outlet at the Red River. The study determined that erosion and bank sloughing are most severe along the downstream 1.2 miles of the drain. The proposed Project includes geotechnical investigations, final design, permitting, and utility coordination to improve this 1.2-mile reach. Planned improvements also include replacing the existing bridge¹ at the 20th Street SE crossing with two 14-foot by 12-foot reinforced concrete box culverts. The upstream limit of the Project is located approximately 1 mile southeast of Argusville in Cass County, North Dakota.

Supplemental Information

Water Development Plan	Not Submitted
Benefit-Cost Ratio	Not Required

Completion Timeline

Study	Complete
Design	February 2027
Bid	March 2027
Construction	October 2027

Cost-Share Funding Summary

	Study	Preconstruction	Anticipated Construction	Previously Approved	Recommend
Noneligible Cost	\$0	\$244,300	\$0		
Eligible Cost	\$35,000	\$275,000	\$2,953,100		
Total	\$35,000	\$519,300	\$2,953,100		
Cost-Share (Requested)	\$15,750 At 45%	\$165,000 At 60%		\$15,750 (4/16/25)	\$165,000

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, North Cass WRD's request for state cost-share participation in the North Cass WRD Drain 13 Outlet Improvements Project is eligible for consideration, contingent upon available funding, at 60% of eligible costs for a state cost-share amount not to exceed \$165,000.

RH:af/1069

¹ **N.D.C.C. § 61-16.1- 43 Construction of bridges and culverts – Costs.** If funds are available, the state water commission may participate according to the commission's rules or policies. The remaining cost must be borne forty percent by the county and sixty percent by the district that created the need for the construction.

1088340 - Cass County Drain 13 Outlet Improvements

Application Details

Funding Opportunity: 1088301-July 2026 - June 2027 Infrastructure Request
Funding Opportunity Due Date: Jun 30, 2027 3:00 PM
Program Area: Funding for Infrastructure in ND - FIND
Status: Submitted
Stage: Final Application

Initial Submit Date: Jun 30, 2026 10:18 AM
Initially Submitted By: Melissa Hinkemeyer
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Salutation Josh Middle Name Wayt
First Name Last Name
Title: Funding Specialist
Email*: josh.wayt@mooreengineeringinc.com
Address*: 925 10th Ave E
Suite 1
West Fargo North Dakota 58078
City State/Province Postal Code/Zip
Phone*: (701) 200-5455 Ext.
Phone
###-###-####
Fax: ###-###-####
Comments:

Organization Information

Status*: Approved

Name*: Cass County Joint Water Resource District

Organization Type*: Political Subdivision

Tax Id:

Organization Website:

Address*: 1201 Main Ave West

West Fargo North Dakota 58078-____
City State/Province Postal Code/Zip

Phone*: (701) 298-2367 Ext.
###-###-####

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

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #:

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: Cass County Drain 13 Outlet Improvements

Sponsor(s)*: North Cass Water Resource District

County*: Cass

City*: Argusville

Description of Request*: New

Project Type:

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*:

North Cass Water Resource District, Cass County Highway Department, and Local Land Owners.

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

Cass County Drain No. 13 is an existing legal drain north-east of Argusville that outlets into a tributary of the Red River and then ultimately into the Red River less than 1 mile downstream of the Drain's outlet. The existing channel is experiencing significant erosion and sloughing along the outlet reach of the drain. Additionally, the existing bridge structure at the crossing of 20th St SE is nearing the end of its design life and the District and County would like to replace this structure before it fails.

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

This project will repair the downstream 1.2 miles of the drain, where erosion and sloughing are most severe. Slides within the project area will be repaired and the drain's slopes will be set back to mitigate future failures in this reach. Additionally, the existing bridge at 20th St SE will be replaced with two 14-foot by 12-foot reinforced concrete box culverts.

Describe the Objectives or Goals Specific to This Application*:

The District is respectfully requesting DWR cost share for preconstruction/final design costs.

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

The scope of work includes geotechnical analysis, final design, and bidding/negotiation. It also includes assistance compiling permitting applications and coordinating with utilities providers.

For this project,

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

What is the Current Estimated Population*:	750
---	-----

For this project,

What is the Benefited Population*:	750
---	-----

Have Assessment Districts Been Formed*:	Yes
--	-----

Date Formed:	04/16/1998
---------------------	------------

Have Land or Easements Been Acquired*:	N/A
---	-----

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

No

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

No

Have You Applied For Any Federal Permits?*

N/A

Have You Applied for any State Permits?*

No

Have You Applied for any Local Permits?*

No

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

No

Have You Received, or Do You Anticipate Receiving Federal Funding?

No

(Example: Hazard Mitigation Grant Program)

*,

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion* 06/25/2026

Design Completion* 02/01/2027

Bid* 03/01/2027

Construction Start* 05/01/2027

Construction Completion* 10/31/2027

Explain Additional Timeline Issues*

No additional timeline issues are anticipated.

Consulting Engineer* Nathan Trosen, PE, Moore Engineering

Engineer Direct Phone Number* 701-551-1060

Engineer Email* nathan.trosen@mooreengineeringinc.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*:

Melissa Hinkemeyer 06/30/2026
First Name Last Name Date

Title/Position/Authority*:

Director, Secretary

Address*:

1201 Main Ave W
Address Line 1
Address Line 2
West Fargo North Dakota 58078-0000
City State Zip Code

Direct Phone Number*:

701-298-2384

Sponsor Email*:

hinkemeyerm@casscountynd.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:

Ken Lougheed
First Name Last Name

Authorized Signor Title/Position:

Chairman

Authorized Signor Email:

kenrlougheed@gmail.com

Authorized Signor Direct Phone Number:

701-238-0830

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

Robert Thompson
First Name Last Name

Additional Board Member Title/Position:

Vice-Chairman

Additional Board Member Email: tsi@ictc.com
Additional Board Member Direct Phone Number: 701-238-1511

Documentation

Documentation

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

[CLICK HERE to see examples.](#)

Project Specific Map 30027_NorthCassDrain13_Exhibit_20260618.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: 30027_NorthCassDrain13_Minutes_2026.06.23_DRAFT.pdf

Cover Letter: 30027_NorthCassDrain13_CoverLetter_2026.06.29.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: 30027_NorthCassDrain13_DelineationofCosts.xlsx

Type of Request: Preconstruction

Is This a Water Supply Project?: No

Is This a Rural Flood Control Project?: No

Is This a Drain Reconstruction Project?: Yes

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:

30027_NorthCassDrain13_PreliminaryDesignSummaryReport_2026-06-25.pdf

Photos of Problem/Issue: 30027_NorthCassDrain13_Pictures.pdf

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

Other Applicable Document(s): Yes

Other Applicable Document: 30027_NorthCassDrain13_BridgeReport_09.24.2025.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	State Fiscal Year 2	Beyond Current	Total Cost	Type	Term	Interest Rate
			1 July to June	July to June	Biennium				
			\$15,750.00	\$3,491,649.90	\$0.00	\$3,507,399.90			

Source	If Other, Specify Funding Source	Source Status	State	State Fiscal	Beyond	Total Cost	Type	Term	Interest Rate
			Fiscal Year 1 July to June	Year 2 July to June	Current Biennium				
Department of Water Resources Cost Share Pre- Construction		Already Approved	\$15,750.00	\$0.00	\$0.00	\$15,750.00		0.00	0.00
Department of Water Resources Cost Share Pre- Construction		Current Request	\$0.00	\$165,000.00	\$0.00	\$165,000.00		0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$1,771,859.94	\$0.00	\$1,771,859.94		0.00	0.00
Other	Local funding	Already Approved	\$0.00	\$1,554,789.96	\$0.00	\$1,554,789.96		0.00	0.00
			\$15,750.00	\$3,491,649.90	\$0.00	\$3,507,399.90			



DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

Cost-share request for \$165,000
for preconstruction

DWR Date Received : June 30, 2026

Date :	6/26/26
Project :	Cass County Drain 13 Outlet Improvements
Sponsor :	North Cass Water Resource District
Contact :	Melissa Hinkemeyer, Director
Phone :	701-298-2384
Engineer :	Nathan Trosen, Moore Engineering Inc.
Phone :	701-361-6615

Total Cost :	\$ 3,507,399.90	Total Cost-Share* :	\$ 1,957,859.94
Ineligible Cost :	\$ 244,300.00	Other Eligible :	\$ -
Eligible Cost :	\$ 3,263,099.90	Preconstruction :	\$ 180,750.00
Local Cost :	\$ 1,549,539.96	Construction :	\$ 1,771,859.94

Project Type:	Cost-share %
Rural Flood Control - Assessment Drain(s)	60%

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs								
1	0.0%		0		-	\$ -	60%	\$ -
2	0.0%		0		-	\$ -	60%	\$ -
3	0.0%		0		-	\$ -	60%	\$ -
4	0.0%		0		-	\$ -	60%	\$ -
5	0.0%		0		-	\$ -	60%	\$ -
	0.0%	Other Eligible Total				\$ -	60%	\$ -

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	1.0%	Feasibility Study (Previously Funded 4/16/25)	1	LS	35,000.00	\$ 35,000.00	45%	\$ 15,750.00
7	5.7%	Final Design	1	LS	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
8	1.1%	Geotechnical Investigations	1	LS	40,000.00	\$ 40,000.00	60%	\$ 24,000.00
9	0.6%	Permitting Assistance	1	LS	20,000.00	\$ 20,000.00	60%	\$ 12,000.00
10	0.4%	Engineering - Utilities	1	LS	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
	8.8%	Preconstruction Total				\$ 310,000.00	45% - 60%	\$ 180,750.00

ANTICIPATED Construction Engineering Costs								
11	5.7%	Construction Contract Mgmt.	1	LS	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
12	2.9%	Utilities - Construction	1	LS	100,000.00	\$ 100,000.00	60%	\$ 60,000.00
13	0.0%		0		-	\$ -	60%	\$ -
14	0.0%		0		-	\$ -	60%	\$ -
	8.6%	Construction Engineering Total				\$ 300,000.00	60%	\$ 180,000.00

ANTICIPATED Construction Costs								
15	2.9%	Mobilization	1	LS	100,000.00	\$ 100,000.00	60%	\$ 60,000.00
16	0.0%	Bonding	0		-	\$ -	60%	\$ -
17	0.0%	Insurance	0		-	\$ -	60%	\$ -
18	0.4%	Stormwater Management	1	LS	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
19	0.3%	Traffic Control	1	LS	10,000.00	\$ 10,000.00	60%	\$ 6,000.00
20	2.7%	Topsoil Clearing, Stripping, and Bank Leveling	1.2	MI	80,000.00	\$ 96,000.00	60%	\$ 57,600.00
21	33.7%	Slide Repairs	2365	LF	500.00	\$ 1,182,500.00	60%	\$ 709,500.00
22	12.7%	Common Excavation	148960	CY	3.00	\$ 446,880.00	60%	\$ 268,128.00
23	0.6%	Drop Structure	1	EA	20,000.00	\$ 20,000.00	60%	\$ 12,000.00
24	1.1%	Corrugated Metal Pipe	720	LF	53.89	\$ 38,800.00	60%	\$ 23,280.00
25	1.2%	Flap Gate	18	EA	2,333.33	\$ 42,000.00	60%	\$ 25,200.00
26	2.9%	Rip-Rap	1025	CY	100.00	\$ 102,500.00	60%	\$ 61,500.00
27	0.2%	Fabric - Filter, Reinforcing, Separation	2843	SY	3.00	\$ 8,529.00	60%	\$ 5,117.40
28	0.4%	Bridge - Remove	1	EA	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
29	4.3%	RCB	88	LF	1,700.00	\$ 149,600.00	60%	\$ 89,760.00
30	2.9%	RCB End Section	4	EA	25,000.00	\$ 100,000.00	60%	\$ 60,000.00
31	0.2%	Rockcheck Temporary	4	EA	2,000.00	\$ 8,000.00	60%	\$ 4,800.00
32	0.1%	Gravel	60	CY	35.00	\$ 2,100.00	60%	\$ 1,260.00
33	1.1%	Seeding	20	AC	2,000.00	\$ 40,000.00	60%	\$ 24,000.00
34	0.6%	Site Clearing	1	LS	20,000.00	\$ 20,000.00	60%	\$ 12,000.00
35	0.4%	Material Testing	1	ALL	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
36	0.0%		0		-	\$ -	60%	\$ -
		Construction Sub-Total				\$ 2,411,909.00	60%	\$ 1,447,145.40
	6.9%	Allowable Contingency (10%)				\$ 241,190.90	60%	\$ 144,714.54
	0.0%	Elective Contingency Reduction	0		-	\$ -	60%	\$ -
	75.6%	Construction Total				\$ 2,653,099.90	60%	\$ 1,591,859.94

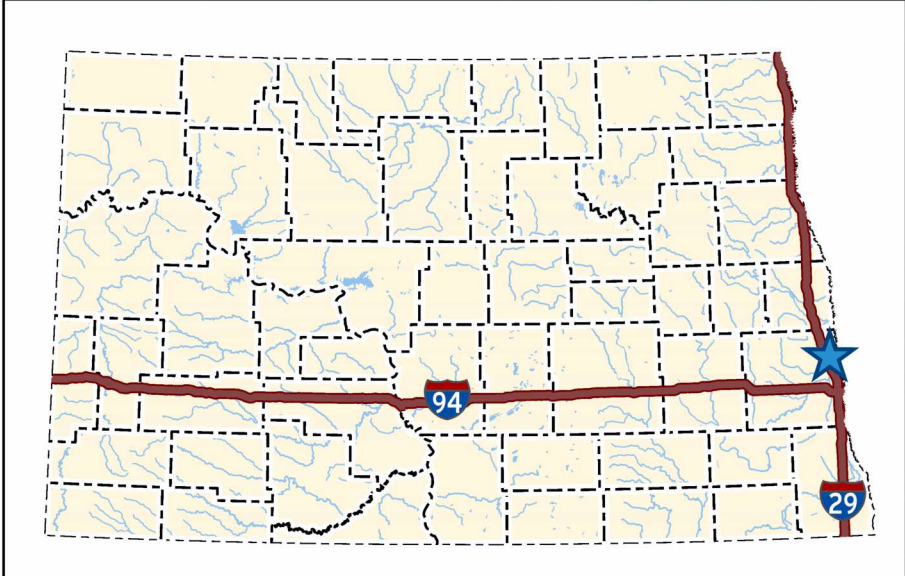
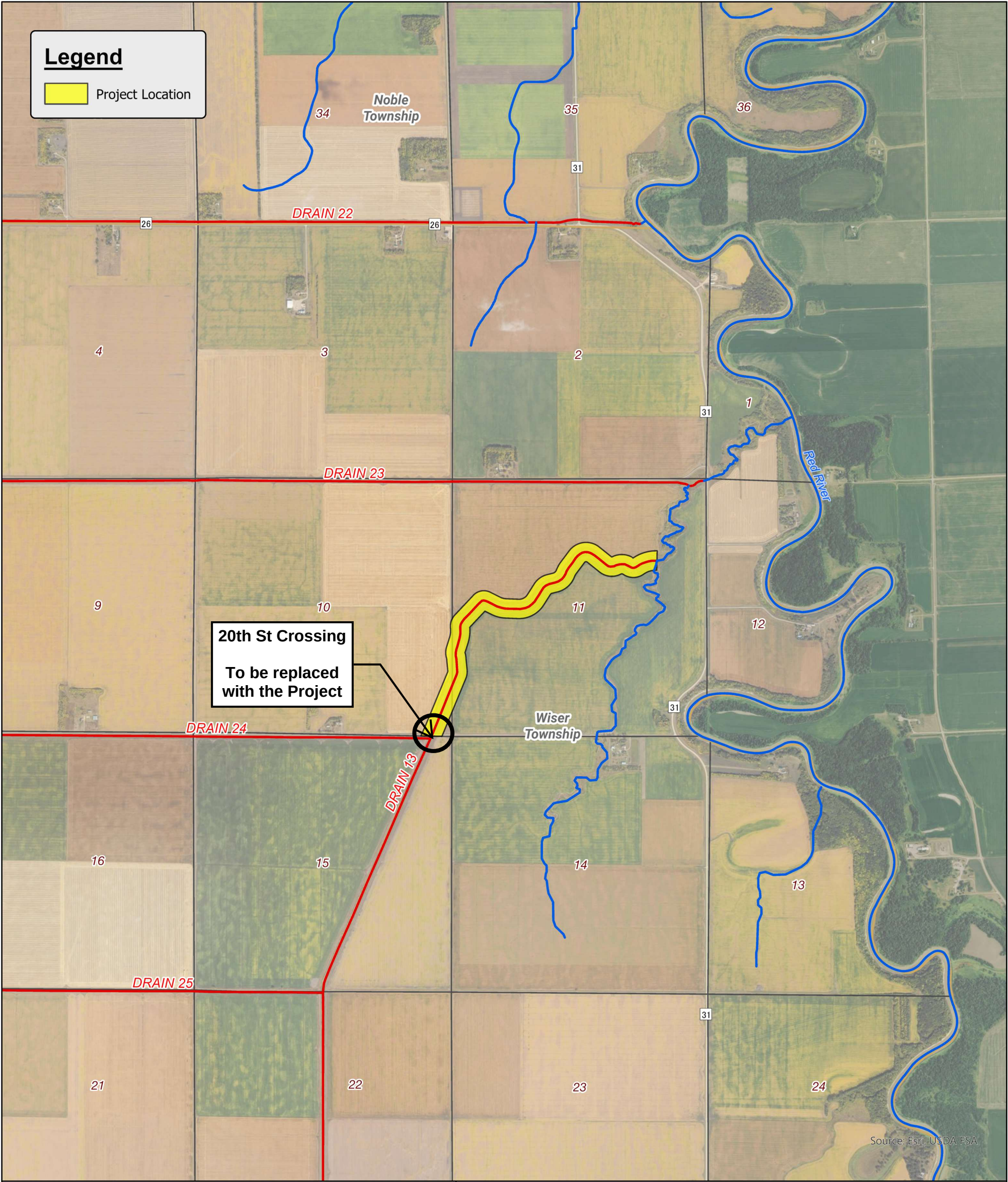
Eligible Preconstruction	\$ 310,000.00	60%	\$ 180,750.00
Eligible Construction	\$ 2,953,099.90	60%	\$ 1,771,859.94
Eligible Total	\$ 3,263,099.90	60%	\$ 1,952,609.94

Ineligible Preconstruction Costs								
37	0.6%	Administrative Services/Support Services	1	LS	22,500.00	\$ 22,500.00	0%	\$ -
38	4.3%	Legal & Bonding	1	LS	150,000.00	\$ 150,000.00	0%	\$ -
39	1.6%	Easement Acquisition (for Drains)	1	LS	56,800.00	\$ 56,800.00	0%	\$ -
40	0.4%	Right-of-Way Admin. (for Drains)	1	LS	15,000.00	\$ 15,000.00	0%	\$ -
	7.0%	Preconstruction Ineligible Total				\$ 244,300.00	0%	\$ -

Ineligible Construction Costs								
41	0.0%		0		-	\$ -	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Construction Ineligible Total				\$ -	0%	\$ -

100.0%	Ineligible Total	\$ 244,300.00	0%	\$ -
	Project Total	\$ 3,507,399.90		
	Federal or State Funds That Supplant Costs	\$ -		
	Eligible Cost Total	\$ 3,263,099.90	60%	\$ 1,957,859.94

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



CASS COUNTY DRAIN 13
NORTH CASS WATER RESOURCE DISTRICT
ARGUSVILLE, NORTH DAKOTA

Created By: KMV Date Created: 11/10/2025 Date Saved: 06/17/26 Date Exported: 11/10/25
Exported By: tanner.schmidt Parcel Date: State Parcels N/A Aerial Image: NAIP Elevation Data: N/A
Horizontal Datum: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Vertical Datum: NAVD1988
Q:\Projects\30000\30000\30027 WFgoND Drain13ErosionStudy\GIS\APRX\30027_DWR.aprx



North Cass Water Resource District

Ken Lougheed
Chairman
Gardner, North Dakota

Robert Thompson
Manager
Page, North Dakota

Jay Colwell
Manager
Gardner, North Dakota

Melissa Hinkemeyer
Director, Secretary

Amy Hepper
Treasurer

1201 Main Avenue West
West Fargo, ND 58078-1301

701-298-2381
FAX 701-298-2397
wrld@casscountynd.gov
www.casscountynd.gov

June 29, 2026

Beth Nangare
Cost Share Program Administrator
Department of Water Resources
1200 Memorial Highway
Bismarck ND 58504

RE: Cass County Drain 13 Outlet Improvements Preconstruction Cost- Share Request

Dear Beth,

The North Cass Water Resource District (the "District") is planning to perform drainage channel improvements to Cass County Drain 13 (the "Project"). The District has observed erosion and sloughing of the side slopes, especially along the downstream 1.2 miles of the drain. Additionally, the District and County have both noted that the bridge structure at the 20th St SE crossing is nearing the end of its useful life. The Project area is approximately 7 miles northeast of Argusville, ND.

In April 2025 the District obtained \$15,750 in DWR cost share funding to complete a hydraulic model and feasibility study to identify a solution for mitigating erosion along the drain. This study identified repairing the downstream 1.2 miles of the drain, where erosion and sloughing are most severe, as the preferred alternative. The selected alternative also includes replacement of the existing bridge structure at the 20th St SE crossing with two 14x12-foot reinforced concrete boxes.

Pursuant to the current cost-share policy, the District respectfully requests 60% cost-share for eligible preconstruction costs, including geotechnical analysis, final design, permitting, and right of way and utility coordination. We appreciate your willingness to support the District's efforts to address drainage channel erosion and associated impacts to private landowners. If you have any questions, please feel free to contact us or our project engineer, Nathan Trosen at Moore Engineering, Inc., at 701-361-6615.

Sincerely,

NORTH CASS WATER RESOURCE DISTRICT

Melissa Hinkemeyer

Melissa Hinkemeyer
Director, Secretary

DRAFT

These are DRAFT minutes, subject to amendment before final approval by the North Cass Water Resource District.

MINUTES OF NORTH CASS WATER RESOURCE DISTRICT
ORIGINATING AT THE CASS COUNTY HIGHWAY DEPARTMENT
HERITAGE CONFERENCE ROOM
WEST FARGO, NORTH DAKOTA
JUNE 23, 2026
8:00 A.M.

A meeting of the North Cass Water Resource District (NCWRD) was held on June 23, 2026. The meeting was called to order at 8:00 a.m.

Present were Ken Loughheed, Chairman; Robert Thompson, Manager; Jay Colwell, Manager; Melissa Hinkemeyer, Director, Secretary; Amy Hepper, Treasurer; Elizabeth Smith, Administrative Assistant; Rita Nelson, Accounting Assistant; Sean M. Fredricks and Katie J. Schmidt, Ohnstad Twichell, P.C.; Kurt Lysne, Nathan Trosen, and Brady Woodard, Moore Engineering, Inc.; Duane Breitling, Cass County Commissioner; Tom Soucy, Cass County Highway Department; and Yaping Chi, North Dakota Department of Water Resources (NDDWR).

Approval of Agenda and Minutes

It was moved by Manager Thompson, seconded by Manager Colwell, and unanimously carried to approve the order of the agenda and the minutes of the May 26, 2026, meeting as presented.

Public Comment

There were no speaker cards submitted for public comment at this meeting.

Red River Joint Water Resource District Dam Rehab Prioritization

Yaping Chi introduced herself to the Board and stated she is the Engineer for the Red River Joint Water Resource District (RRJWRD) as well as an Engineer for the NDDWR. Ms. Chi discussed a draft strategic plan for restoration and reconstruction of flood retention dams in the Red River Basin. This strategic plan would be utilized to prioritize the structures that were constructed by a federal agency and are now local water resource districts' responsibility to own and maintain for cost-share funding opportunities from the RRJWRD. Ms. Chi noted this is a 10-year plan that will allow the RRJWRD to prioritize the structures based on location and size within their respective watershed along with immediate restoration and rehabilitation needs. Discussion was held on the dams within the North Cass Water Resource District. Ms. Chi stated the RRJWRD welcomes any comments on the draft prioritization criteria and noted she will visit the dams in the Red River Basin to complete a site inspection in order to initially prioritize the dams. Manager Thompson noted the dams within North Cass Water Resource District are generally in good condition and Elm River Dam No. 3 was rehabilitated last year. The Board briefly discussed the ranking process.

DRAFT

Drain #13 – Improvement Project from 20th Street SE to the outlet at the Red River

Nathan Trosen indicated Moore Engineering, Inc. is preparing suggested project limits and preliminary design for the Drain #13 Improvement Project from 20th Street SE to the outlet at the Red River that are within the Board's funding ability. Mr. Trosen indicated following hydraulic modeling and facility inspections, Moore Engineering, Inc. is recommending an erosion repair project starting at the outlet and extending past the 20th Street SE crossing. Discussion was held on project alternatives and the funding capacity for those alternatives. The Board also discussed permitting for the project alternatives. The Board decided to proceed with the more comprehensive improvement project.

A motion was made by Manager Colwell and seconded by Manager Thompson to authorize Moore Engineering, Inc. to work with the Secretary to submit an application for cost-share to the State Water Commission for preconstruction engineering of the Drain #13 Improvement Project from 20th Street SE to the outlet at the Red River with a requested cost-share not to exceed \$165,000 from the State Water Commission. Upon roll call vote, the motion carried unanimously.

Drain #13 – Magellan Pipeline

Mr. Trosen noted Magellan is completing repairs to a pipeline where it crosses Drain #13. The property rights for the pipeline predate the drain therefore a utility permit cannot be required for the work, however Mr. Trosen has been in contact with Magellan regarding the repairs. Magellan has indicated they will stay in contact during construction and Moore Engineering, Inc. will be on site to ensure the drain is not damaged.

Surface drain permit forms and process

Sean Fredricks discussed changes to the administrative code regarding surface drain permitting and complaints. The NDDWR has a new process for processing surface drain permits and complaints. Mr. Fredricks discussed the new process in more detail and indicated the NDDWR will no longer supply permit forms. Mr. Fredricks then reviewed sample surface drain permit documents that Water Resource Districts can use to ensure all requirements are met. Discussion was held on state permit requirements related to legal assessment drains.

Drain #26 – Improvement Project No. 2023-01

The Board next considered *Application for Surface Drain No. 6896* regarding the Cass County Drain No. 26 Improvement Project No. 2023-01, a project to reconstruct the Drain 26 outlet to repair erosion and to stabilize the Drain 26 channel in Section 27 of Wiser Township, along Cass County Highway 34. The project will include installation of a rock chute to address the grade change from Drain 26 as the drain outlets into the Drain 13 channel. The project will also include offsetting the alignment to establish a flatter side slope at the Highway 34 shoulder along the project to prevent further sloughing near the road.

The Board submitted a surface drain application to NDDWR for the project. NDDWR completed its review of the project and application and concluded the project is not “of statewide or interdistrict significance.” NDDWR forwarded a Record of Decision dated





Memorandum

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Hasse, Secretary

SUBJECT: NDSWC Cost-Share Request – North Cass Water Resource District (WRD)
Cass County Drain 26 Channel Improvement - Construction

DATE: July 27, 2026


For Reice Haase

Background & Description

North Cass WRD (Sponsor) is requesting construction cost-share for the Cass County Drain 26 Channel Improvement Project (Project). The purpose of the Project is to replace culverts and reconstruct a ½ mile of channel in Sections 27 and 28 of Wisner Township. The proposed Project includes replacing the crossing at 171st Ave SE, regrade the channel to improve flow and reduce erosion, and install erosion protection at culverts.

Supplemental Information

Water Development Plan (Priority)	2025 (Low)
Assessment Vote Results	Maintenance funding
Surface Drain Permit Issued	6896
Federal Permit Issued	Ongoing
Sediment Analysis Completed	Yes
Benefit-Cost Ratio	Not Required
All Easements Obtained	2 Ongoing

Completion Schedule

Study	Complete
Design	Complete
Bid	Sept. 2026
Construction Start	Oct. 2026
Completion	July 2027

Cost-Share Funding Summary

	Preconstruction	Estimated Construction	Total	Previously Approved	Recommend
Noneligible Cost	\$18,000	\$131,870	\$149,870		
Eligible Cost	\$74,900	\$466,044	\$540,944		
Total	\$92,900	\$597,914	\$690,814		
Cost-Share (Requested)	\$40,140	\$279,626 At 60%	\$319,766	\$14,400 (6/5/23, 45%) \$25,740 (11/13/25, 60%)	\$279,626

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by North Cass Water Resource District for state cost participation in the Cass County Drain 26 Channel Improvement at 60 percent of eligible costs, not to exceed \$279,626, is eligible for consideration, contingent on available funding.

RH:bn:af/1079

1088312 - Cass Drain 26 Channel Improvements 2023

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: Submitted

Stage: Final Application

Initial Submit Date: Jun 30, 2026 10:12 AM

Initially Submitted By: Melissa Hinkemeyer

Last Submit Date:

Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes

Type: External User

Name: Salutation Melissa Middle Name Rotzien
First Name Last Name

Title:

Email*: melissa.rotzien@mooreengineeringinc.com

Address*: 4503 Coleman Street, Suite 105

Bismarck North Dakota 58503
City State/Province Postal Code/Zip

Phone*: 701-751-8374 Ext.
Phone
###-###-####

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

Comments:

Organization Information

Status*: Approved

Name*: North Cass Water Resource District

Organization Type*: Political Subdivision

Tax Id:

Organization Website:

Address*: 1201 Main Ave W

West Fargo North Dakota 58078-1301
City State/Province Postal Code/Zip

Phone*: (701) 261-1420 Ext.
###-###-####

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

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #:

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: Cass Drain 26 Channel Improvements 2023

Sponsor(s)*: North Cass Water Resource District

County*: Cass

City*: Argusville

Description of Request*: New

Project Type: Rural Flood Control

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*:

North Cass Water Resource District and adjacent landowners.

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

The last half mile of this drain is located in Wiser Township Sections 27 and 28 and experiences slope failures along the banks.

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

The proposed solution includes replacing the 171st Ave SE crossing, regrading the channel to improve flow and reduce erosion, and installing erosion protection at culverts.

Describe the Objectives or Goals Specific to This Application*:

The objective of this application is to obtain DWR approval of eligible construction project costs.

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

The scope of work includes the construction of the project, and all "soft costs" associated with the construction phase (i.e., construction engineering, project inspection, legal survey, and utility coordination).

For this project,

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

What is the Current Estimated Population?* 500

For this project,

What is the Benefited Population?* 500

Have Assessment Districts Been Formed?* Yes

Date Formed: 06/11/2001

Have Land or Easements Been Acquired?* Ongoing 2 remaining that need to be obtained

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

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

If Yes, Describe the Condition of Drinking Water, Sanitary and Storm Sewer Utilities. When Were the Last Improvements Made to Any Underground Infrastructure? Give Approximate Years for Water Improvements and Sanitary and Storm Sewer Improvements.:

No existing water or sanitary sewer utilities. Existing culverts are replaced with this proposed project.

Have You Applied For Any Federal Permits?* Yes

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

Clean Water Act Section 404 - NWP 3 or 41. No USACE Regulatory File number received at the time of this application.

Have You Been approved for any Federal Permits?: Ongoing **Not issued yet**

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

Clean Water Act Section 404 - NWP 3 or 41. No USACE Regulatory File number received at the time of this application.

Have You Applied for any State Permits?* Yes

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

Surface Drain Permit No. 6896 approval received 6/23/2026. Record of Decision is attached.

Have You Been Approved for any State Permits?: Yes

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

Surface Drain Permit No. 6896 approval received 6/23/2026. Record of Decision is attached.

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*: 6/1/2025

Design Completion*: 7/1/2026

Bid*: 9/1/2026

Construction Start*: 10/1/2026

Construction Completion*: 7/1/2027

Explain Additional Timeline Issues*:

-

Consulting Engineer*: Nathan Trosen, PE, Moore Engineering, Inc.

Engineer Direct Phone Number*: 701-551-1060

Engineer Email*: nathan.trosen@mooreengineeringinc.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*:	Melissa Hinkemeyer 06/30/2026 First Name Last Name Date
Title/Position/Authority*:	Director, Secretary
Address*:	1201 Main Ave W Address Line 1 Address Line 2 West Fargo North Dakota 58078-0000 City State Zip Code
Direct Phone Number*:	701-298-2384
Sponsor Email*:	hinkemeyerm@casscountynd.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:	Ken Lougheed First Name Last Name
Authorized Signor Title/Position:	Chairman
Authorized Signor Email:	kenrlougheed@gmail.com
Authorized Signor Direct Phone Number:	701-238-0830
Provide the Name for One Additional Board Member, if Applicable:	Robert Thompson First Name Last Name
Additional Board Member Title/Position:	Vice-Chairman
Additional Board Member Email:	tsi@ictc.com
Additional Board Member Direct Phone Number:	701-238-1511

Documentation

Documentation

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

[CLICK HERE to see examples.](#)

Project Specific Map 23222_DWR_Exhibit_20251020_r.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: 23222_Minutes_2026-06-23 - DRAFT.pdf

Cover Letter: 23222_NCWRD_D26_Construction_CoverLetter_20260622_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: 23222_Delineation_20260626.xlsx

Type of Request: Construction

Signed Plans and Specifications For Bidding: 23222_Drain26-2023Improvement-Plans_final_Signed.pdf

Is This a Water Supply Project?: No

Is This a Rural Flood Control Project?: Yes

Approved Drainage Permit: DR_6896_ROD.pdf

Results Of Positive Assessment Vote: 23222_AssessmentVote_Note.pdf

Is This a Drain Reconstruction Project?: Yes

Sediment Analysis: 23222_SedimentSheet_20260619.pdf

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: 23222_CassD26_Precon_HydraulicReport_20231013.pdf

Photos of Problem/Issue:

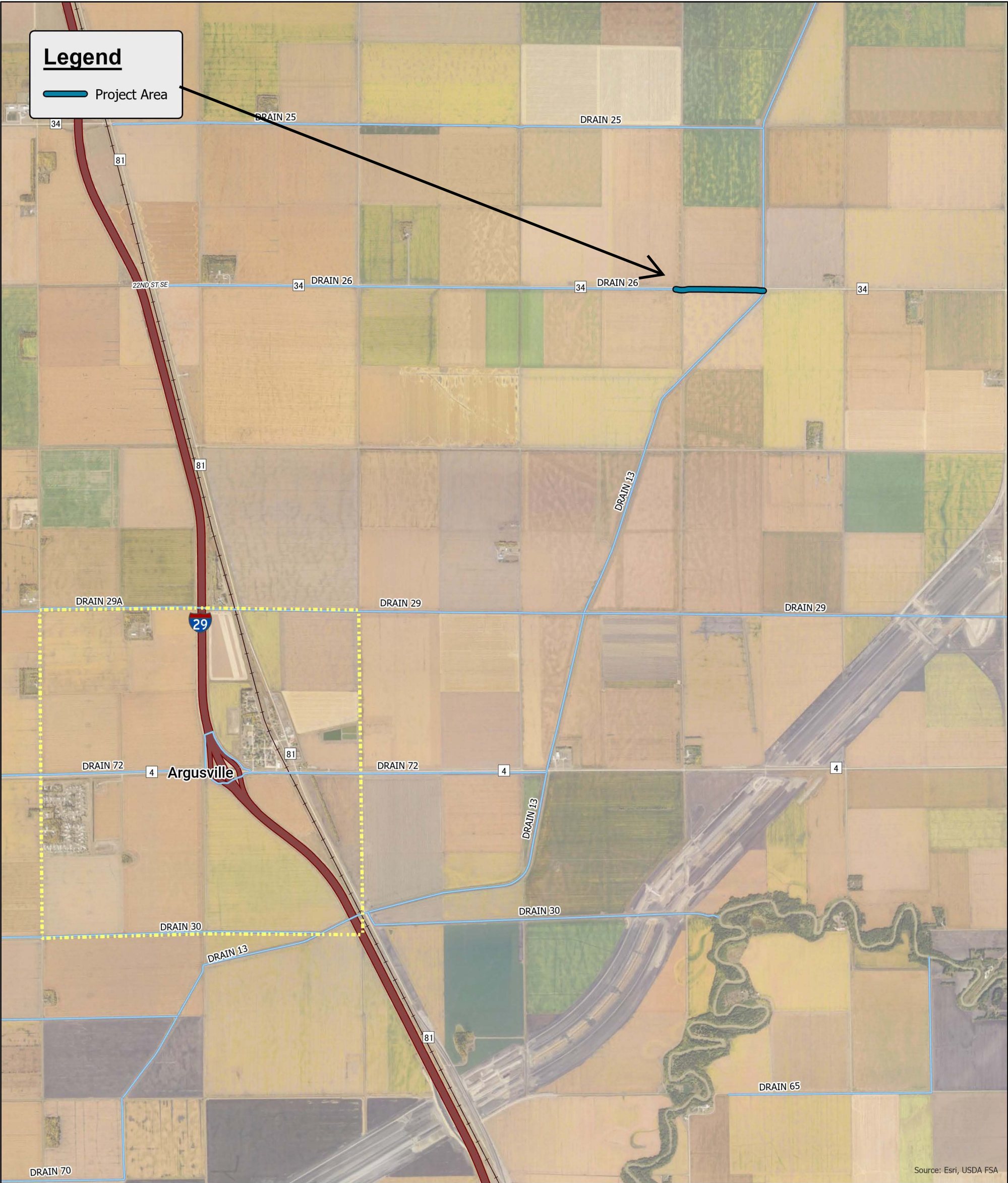
GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s):

Sources

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

Source	If Other, Specify Funding Source	Source Status	State			Total Cost	Type	Term	Interest Rate
			Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium				
Other	Local	Already Approved	\$0.00	\$336,768.91	\$0.00	\$336,768.91	Grant	0.00	0.00
Other	Cass County	Already Approved	\$0.00	\$11,749.26	\$0.00	\$11,749.26	Grant	0.00	0.00
Department of Water Resources Cost Share Pre- Construction		Already Approved	\$40,140.00	\$0.00	\$0.00	\$40,140.00	Grant	0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$284,964.30	\$0.00	\$284,964.30	Grant	0.00	0.00
			\$40,140.00	\$633,482.47	\$0.00	\$673,622.47			



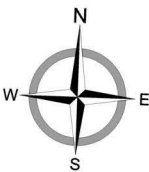
Source: Esri, USDA FSA



CASS COUNTY DRAIN 26

CASS COUNTY, NORTH DAKOTA

Created By: KMV Date Created: 10/20/2025 Date Saved: 10/20/25 Date Exported: 10/20/25
Exported By: kyle.volk Parcel Date: State Parcels N/A Aerial Image: NAIP Elevation Data: N/A
Horizontal Datum: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Vertical Datum: NAVD1988
T:\Projects\23200\23222\10_ArcPro\23222_DWR_Exhibit\23222_DWR_Exhibit.aprx



FILE LOCATION: R:\Projects\23000\23222\CIVIL\PRODUCTION\23222_ProjectLayout.dwg



REGISTERED PROFESSIONAL ENGINEER

NATHAN H. TROSEN

PE-27427

Nathan Trosen

DATE: 06.25.2026

NORTH DAKOTA

moore

engineering, inc.

PROJECT LAYOUTS
CASS DRAIN 26 CHANNEL IMPROVEMENTS 2023
NORTH CASS WATER RESOURCE DISTRICT
CASS COUNTY, NORTH DAKOTA
EROSION & SURVEY CONTROL

DATE:	06.17.2026
REV DATE:	---
REV NUM:	---
RECORD:	---
PROJECT No.	23222
MANAGER:	NHT
DESIGNER:	ZAC
DRAFTER:	DWA
REVIEWER:	KLO



DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

DWR Date Received : June 30, 2026

PRE-BID AMOUNTS

Date :	6/26/26
Project :	Cass Drain 26 Channel Improvements 2023
Sponsor :	North Cass Water Resource District
Contact :	Melissa Hinkemeyer, Director, Secretary
Phone :	(701) 298-2384
Engineer :	Nate Trosen, PE, Moore Engineering
Phone :	701.551.1060

Total Cost :	\$ 690,814	Total Cost-Share* :	\$ 319,766
Ineligible Cost :	\$ 149,870	Other Eligible :	\$ -
Eligible Cost :	\$ 540,944	Preconstruction :	\$ 40,140
Local Cost :	\$ 371,047	Construction :	\$ 279,626

Project Type:	Cost-share %
Rural Flood Control - Assessment Drain(s)	60%

	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs							
Item 1	% of Cost	0		-	\$ -	60%	\$ -
2	0.0%	0		-	\$ -	60%	\$ -
	0.0%				\$ -	60%	\$ -
		Other Eligible Total			\$ -	60%	\$ -

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs							
3	5.9%	1	LS	40,900.00	\$ 40,900.00	60%	\$ 24,540.00
4	0.3%	1	LS	2,000.00	\$ 2,000	60%	\$ 1,200.00
5	4.6%	1	LS	32,000.00	\$ 32,000	45%	\$ 14,400.00
6	0.0%	0		-	\$ -	60%	\$ -
7	0.0%	0		-	\$ -	60%	\$ -
	10.8%				\$ 74,900.00	45% - 60%	\$ 40,140.00
		Preconstruction Total			\$ 74,900.00		\$ 40,140.00

Preconstruction
previously
approved.

Anticipated Construction Engineering Costs							
8	4.6%	1	LS	31,500.00	\$ 31,500.00	60%	\$ 18,900.00
9	1.2%	1	LS	8,000.00	\$ 8,000.00	60%	\$ 4,800.00
10	7.2%	1	LS	50,000.00	\$ 50,000.00	60%	\$ 30,000.00
11	0.7%	1	LS	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
12	0.0%				\$ -	60%	\$ -
13	0.0%				\$ -	60%	\$ -
14	0.0%				\$ -	60%	\$ -
15	0.0%				\$ -	60%	\$ -
	13.7%				\$ 94,500	60%	\$ 56,700.00
		Construction Engineering Total			\$ 94,500	60%	\$ 56,700.00

Anticipated Construction Costs							
16	3.6%	1	LS	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
17	0.0%	0		-	\$ -	60%	\$ -
18	0.0%	0		-	\$ -	60%	\$ -
19	0.2%	64	L.F.	20.00	\$ 1,280.00	60%	\$ 768.00
20	5.1%	70	L.F.	500.00	\$ 35,000.00	60%	\$ 21,000.00
21	0.7%	110	C.Y.	45.00	\$ 4,950.00	60%	\$ 2,970.00
22	2.5%	175	C.Y.	100.00	\$ 17,500.00	60%	\$ 10,500.00
23	0.2%	260	S.Y.	4.00	\$ 1,040.00	60%	\$ 624.00
24	0.1%	20	C.Y.	45.00	\$ 900.00	60%	\$ 540.00
25	0.0%	80	S.Y.	4.00	\$ 320.00	60%	\$ 192.00
26	0.4%	1	L.S.	2,500.00	\$ 2,500.00	60%	\$ 1,500.00
27	0.7%	1	Mowanc	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
28	2.2%	0.5	Mile	30,000.00	\$ 15,000.00	60%	\$ 9,000.00
29	10.5%	24235	C.Y.	3.00	\$ 72,705.00	60%	\$ 43,623.00
30	-1.2%	-2696	CY	3.00	\$ (8,088.00)	60%	\$ (4,852.80)
31	2.2%	0.5	Mile	30,000.00	\$ 15,000.00	60%	\$ 9,000.00
32	0.7%	227	L.F.	20.00	\$ 4,540.00	60%	\$ 2,724.00
33	1.3%	200	L.F.	45.00	\$ 9,000.00	60%	\$ 5,400.00
34	0.8%	100	L.F.	55.00	\$ 5,500.00	60%	\$ 3,300.00
35	1.0%	100	L.F.	70.00	\$ 7,000.00	60%	\$ 4,200.00
36	0.2%	4	Each	350.00	\$ 1,400.00	60%	\$ 840.00
37	0.1%	2	Each	450.00	\$ 900.00	60%	\$ 540.00
38	0.2%	2	Each	700.00	\$ 1,400.00	60%	\$ 840.00
39	1.2%	4	Each	2,000.00	\$ 8,000.00	60%	\$ 4,800.00
40	0.7%	2	Each	2,500.00	\$ 5,000.00	60%	\$ 3,000.00
41	1.0%	2	Each	3,500.00	\$ 7,000.00	60%	\$ 4,200.00
42	3.5%	240	C.Y.	100.00	\$ 24,000.00	60%	\$ 14,400.00
43	0.3%	480	S.Y.	4.00	\$ 1,920.00	60%	\$ 1,152.00
44	7.2%	1	L.S.	50,000.00	\$ 50,000.00	60%	\$ 30,000.00
45	0.4%	2	Each	1,500.00	\$ 3,000.00	60%	\$ 1,800.00
46	0.7%	1	L.S.	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
47	2.3%	8	Acre	2,000.00	\$ 16,000.00	60%	\$ 9,600.00
48	0.0%				\$ -	60%	\$ -
49	0.0%				\$ -	60%	\$ -
50	0.0%				\$ -	60%	\$ -
51					\$ 337,767.00	60%	\$ 202,660.20
52	4.9%				\$ 33,776.70	60%	\$ 20,266.02
53	0.0%	0		-	\$ -	60%	\$ -
	53.8%				\$ 371,543.70	60%	\$ 222,926.22
		Construction Sub-Total			\$ 337,767.00	60%	\$ 202,660.20
		Allowable Contingency (10%)			\$ 33,776.70	60%	\$ 20,266.02
		Elective Contingency Reduction			\$ -	60%	\$ -
		Construction Total			\$ 371,543.70	60%	\$ 222,926.22

Eligible Preconstruction	\$ 74,900.00	60%	\$ 44,940.00
Eligible Construction	\$ 466,043.70	60%	\$ 279,626.22
Eligible Total	\$ 540,943.70	60%	\$ 319,766.22

Ineligible Preconstruction Costs							
54	1.4%	1	LS	10,000.00	\$ 10,000	0%	\$ -
55	1.2%	1	LS	8,000.00	\$ 8,000	0%	\$ -
	2.6%				\$ 18,000	0%	\$ -
		Preconstruction Ineligible Total			\$ 18,000	0%	\$ -

Ineligible Construction Costs							
56	3.6%	1	LS	25,000.00	\$ 25,000.00	0%	\$ -
57	5.9%	1	LS	40,525.00	\$ 40,525.00	0%	\$ -
58	2.9%	1	LS	20,000.00	\$ 20,000.00	0%	\$ -
59	5.2%	1	LS	36,256.97	\$ 36,256.97	0%	\$ -
60	0.3%	1	LS	2,000.00	\$ 2,000.00	0%	\$ -
61	1.2%	2696	CY	3.00	\$ 8,088.00	0%	\$ -
	19.1%				\$ 131,869.97	0%	\$ -
		Construction Ineligible Total			\$ 131,869.97	0%	\$ -

Ineligible Total	\$ 149,869.97	0%	\$ -
Project Total	\$ 690,813.67		

Federal or State Funds That Supplant Costs	\$ -		
Eligible Cost Total	\$ 540,943.70	60%	\$ 319,766.22

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



June 22, 2026

**North Cass
Water Resource
District**

Beth Nangare
Cost Share Program Administrator
Department of Water Resources
1200 Memorial Highway
Bismarck ND 58504

Ken Lougheed
Chairman
Gardner, North Dakota

RE: Cass County Drain 26 - Channel Improvements 2023 Construction
Cost Share Request

Robert Thompson
Manager
Page, North Dakota

Dear Beth,

Jay Colwell
Manager
Gardner, North Dakota

The North Cass Water Resource District (the "District") has initiated a project to replace culverts and reconstruct the channel of Cass Drain 26 in Sections 27 and 28 of Wiser Township. Approximately 0.5 miles of this drain requires reconstruction to prevent further slope failures along the banks.

The proposed project includes replacing the 171st Ave SE crossing, re-grading the channel to improve flow and reduce erosion, and installing erosion protection at culverts. The District worked with Moore Engineering to perform the hydraulic evaluation, design, and permitting required for the project and is now ready to proceed to construction.

The District respectfully requests 60% cost-share for eligible construction costs. The project design received 60% DWR preconstruction cost-share of \$25,740.

We appreciate your willingness to support the District's efforts to address drainage channel erosion and associated impacts to private landowners and public roadways. If you have any questions, please contact me at 701-298-2381 or our project engineer, Nathan Trosen, Moore Engineering, at nathan.trosen@mooreengineeringinc.com or 701-551-1060.

Melissa Hinkemeyer
Director, Secretary

Sincerely,

Amy Hepper
Treasurer

NORTH CASS WATER RESOURCE DISTRICT

1201 Main Avenue West
West Fargo, ND 58078-1301

Melissa Hinkemeyer

Melissa Hinkemeyer
Director, Secretary

701-298-2381
FAX 701-298-2397
wrld@casscountynd.gov
www.casscountynd.gov

DRAFT

These are DRAFT minutes, subject to amendment before final approval by the North Cass Water Resource District.

MINUTES OF NORTH CASS WATER RESOURCE DISTRICT
ORIGINATING AT THE CASS COUNTY HIGHWAY DEPARTMENT
HERITAGE CONFERENCE ROOM
WEST FARGO, NORTH DAKOTA
JUNE 23, 2026
8:00 A.M.

A meeting of the North Cass Water Resource District (NCWRD) was held on June 23, 2026. The meeting was called to order at 8:00 a.m.

Present were Ken Loughheed, Chairman; Robert Thompson, Manager; Jay Colwell, Manager; Melissa Hinkemeyer, Director, Secretary; Amy Hepper, Treasurer; Elizabeth Smith, Administrative Assistant; Rita Nelson, Accounting Assistant; Sean M. Fredricks and Katie J. Schmidt, Ohnstad Twichell, P.C.; Kurt Lysne, Nathan Trosen, and Brady Woodard, Moore Engineering, Inc.; Duane Breitling, Cass County Commissioner; Tom Soucy, Cass County Highway Department; and Yaping Chi, North Dakota Department of Water Resources (NDDWR).

Approval of Agenda and Minutes

It was moved by Manager Thompson, seconded by Manager Colwell, and unanimously carried to approve the order of the agenda and the minutes of the May 26, 2026, meeting as presented.

Public Comment

There were no speaker cards submitted for public comment at this meeting.

Red River Joint Water Resource District Dam Rehab Prioritization

Yaping Chi introduced herself to the Board and stated she is the Engineer for the Red River Joint Water Resource District (RRJWRD) as well as an Engineer for the NDDWR. Ms. Chi discussed a draft strategic plan for restoration and reconstruction of flood retention dams in the Red River Basin. This strategic plan would be utilized to prioritize the structures that were constructed by a federal agency and are now local water resource districts' responsibility to own and maintain for cost-share funding opportunities from the RRJWRD. Ms. Chi noted this is a 10-year plan that will allow the RRJWRD to prioritize the structures based on location and size within their respective watershed along with immediate restoration and rehabilitation needs. Discussion was held on the dams within the North Cass Water Resource District. Ms. Chi stated the RRJWRD welcomes any comments on the draft prioritization criteria and noted she will visit the dams in the Red River Basin to complete a site inspection in order to initially prioritize the dams. Manager Thompson noted the dams within North Cass Water Resource District are generally in good condition and Elm River Dam No. 3 was rehabilitated last year. The Board briefly discussed the ranking process.

DRAFT

Drain #13 – Improvement Project from 20th Street SE to the outlet at the Red River

Nathan Trosen indicated Moore Engineering, Inc. is preparing suggested project limits and preliminary design for the Drain #13 Improvement Project from 20th Street SE to the outlet at the Red River that are within the Board's funding ability. Mr. Trosen indicated following hydraulic modeling and facility inspections, Moore Engineering, Inc. is recommending an erosion repair project starting at the outlet and extending past the 20th Street SE crossing. Discussion was held on project alternatives and the funding capacity for those alternatives. The Board also discussed permitting for the project alternatives. The Board decided to proceed with the more comprehensive improvement project.

A motion was made by Manager Colwell and seconded by Manager Thompson to authorize Moore Engineering, Inc. to work with the Secretary to submit an application for cost-share to the State Water Commission for preconstruction engineering of the Drain #13 Improvement Project from 20th Street SE to the outlet at the Red River with a requested cost-share not to exceed \$165,000 from the State Water Commission. Upon roll call vote, the motion carried unanimously.

Drain #13 – Magellan Pipeline

Mr. Trosen noted Magellan is completing repairs to a pipeline where it crosses Drain #13. The property rights for the pipeline predate the drain therefore a utility permit cannot be required for the work, however Mr. Trosen has been in contact with Magellan regarding the repairs. Magellan has indicated they will stay in contact during construction and Moore Engineering, Inc. will be on site to ensure the drain is not damaged.

Surface drain permit forms and process

Sean Fredricks discussed changes to the administrative code regarding surface drain permitting and complaints. The NDDWR has a new process for processing surface drain permits and complaints. Mr. Fredricks discussed the new process in more detail and indicated the NDDWR will no longer supply permit forms. Mr. Fredricks then reviewed sample surface drain permit documents that Water Resource Districts can use to ensure all requirements are met. Discussion was held on state permit requirements related to legal assessment drains.

Drain #26 – Improvement Project No. 2023-01

The Board next considered *Application for Surface Drain No. 6896* regarding the Cass County Drain No. 26 Improvement Project No. 2023-01, a project to reconstruct the Drain 26 outlet to repair erosion and to stabilize the Drain 26 channel in Section 27 of Wiser Township, along Cass County Highway 34. The project will include installation of a rock chute to address the grade change from Drain 26 as the drain outlets into the Drain 13 channel. The project will also include offsetting the alignment to establish a flatter side slope at the Highway 34 shoulder along the project to prevent further sloughing near the road.

The Board submitted a surface drain application to NDDWR for the project. NDDWR completed its review of the project and application and concluded the project is not “of statewide or interdistrict significance.” NDDWR forwarded a Record of Decision dated

DRAFT

June 16, 2026 (the “ROD”) to the Board; the Board must now consider and process the application.

The Board is in the process of acquiring right of way to accommodate the project in the Northwest Quarter of Section 27 and the Northeast Quarter of Section 28 in Wiser Township. Moore Engineering, Inc. has been in contact with landowners and they have indicated a willingness to execute purchase agreements voluntarily, in exchange for the right of way values previously approved by the Board (\$9,000 per acre for channel acres, \$1,500 per acre for berm acres, and \$500 per acre for temporary easement acres).

In response to the North Dakota Department of Water Resources’ Solicitation of Views regarding *Application for Surface Drain No. 6896*, NDDWR received the following comment from the Corps of Engineers:

- “Based on information received from the NDDWR, the Corps has determined that your proposed project may need a Clean Water Act Section 404 permit.”

The comment from the Corps was a standard response to NDDWR’s Solicitation of Views process. Nevertheless, the Board is applying for a 404 Nationwide Permit for the project.

The project will likely require road crossing proceedings, mandated by statute, regarding a single township road crossing improvement to accommodate the project. Moore is working on a hydraulic report for purposes of those proceedings and the Board will consider a Resolution related to that process in the near future.

By statute, to properly process the permit application, the Board is required to consider and investigate any potential downstream impacts to downstream properties that may result from the project. More specifically, N.D. Cent. Code § 61-32-03 provides, in relevant part:

...A permit may not be granted until an investigation discloses the quantity of water which will be drained from the pond, slough, lake, or sheetwater, or any series of those water bodies, will not flood or adversely affect downstream lands. If the investigation shows the proposed drainage will flood or adversely affect lands of downstream landowners, the water resource board may not issue a permit until flowage easements are obtained....

With that in mind, Moore Engineering reviewed the application and the proposed project to evaluate potential impacts. In light of Moore’s review, the Board developed the following responses regarding the Board’s surface permitting process mandated under Section 61-32-03:

Description of the volume proposed to be drained: The proposed project will drain approximately 5,177 acres.

Description of any adverse hydrologic effects that may occur to downstream landowners as a result of the project: Drain 26 outlets directly into Cass County Drain

DRAFT

13. The project will not change the watershed area of Cass County Drain 13 and, therefore, adverse downstream effects are not anticipated.

Description of flowage easements required from downstream landowners: Because the project will not result in adverse downstream impacts, downstream flowage easements are not required as a condition to Permit No. 6896.

Manager Colwell moved to conclude the project will not result in adverse downstream impacts; to approve *Application for Surface Drain No. 6896*; and to authorize the Secretary to sign and serve *Surface Permit No. 6896* on parties of record. Manager Thompson seconded the motion. Upon roll call vote, the motion carried unanimously.

Mr. Trosen noted a Section 404 Permit may be needed for the Project and Moore Engineering, Inc. has had a wetland delineation completed for the permit application.

A motion was made by Manager Thompson and seconded by Manager Colwell to authorize the Secretary and Moore Engineering, Inc. to submit a Section 404 permit application to the Corps of Engineers regarding the Drain #26 Improvement Project No. 2023-01. Upon roll call vote, the motion carried unanimously.

Mr. Trosen then updated the Board on the status of the Project. The Project is nearly ready to be advertised for bids, right of way is being acquired, and an application for construction cost-share can be submitted to the State Water Commission. Mr. Trosen briefly reviewed the cost estimate for the Project.

A motion was made by Manager Thompson and seconded by Manager Colwell to authorize Moore Engineering, Inc. to work with the Secretary to submit an application for cost-share to the State Water Commission for construction of the Drain #26 Improvement Project No. 2023-01 not to exceed \$285,000 from the State Water Commission. Upon roll call vote, the motion carried unanimously.

Drain #42 – Slide repairs project east of Cass County Highway 31

Mr. Trosen noted right of way acquisition continues for the Drain #42 slide repairs project east of Cass County Highway 31.

A motion was made by Manager Colwell and seconded by Manager Thompson to approve and authorize the Chairman to sign the *Purchase Agreement* with James A. McAndrew, Jr., as Trustee of the James A. McAndrew, Jr., Irrevocable Farmland Trust regarding the Drain #42 slide repairs project east of Cass County Highway 31. Upon roll call vote, the motion carried unanimously.

Drain #55 – Channel Improvements Project in Section 21 of Bell Township

Mr. Trosen updated the Board on the status of Drain #55 Channel Improvements Project in Section 21 of Bell Township. Mr. Trosen noted an application for cost-share for design costs of the Project has been drafted and will be submitted to the State Water Commission soon.

Memorandum

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Hasse, Secretary

SUBJECT: NDSWC Cost-Share Request – Richland County Water Resource District (WRD)
Richland County Drain 4 (33) Reconstruction - Construction

DATE: July 27, 2026


For Reice Hasse

Background & Description

The Richland County WRD (Sponsor) is requesting construction cost-share for the Richland County Drain 4 (33) Reconstruction Project (Project). Drain 4 Lateral 33 is a combined drain system with a north and south outlet discharging to Antelope Creek, with a high point dividing the two. The purpose of the Project is to lower the high point along the drain alignment to allow for the south outlet to be utilized more frequently. The Project includes improving 7,400 feet of drain and replacing two culverts along the drain alignment. The Project area is three miles west of the City of Dwight in Richland County.

Supplemental Information

Water Development Plan (Priority)	2025 (Low)
Assessment Vote Results	Maintenance funding
Surface Drain Permit Issued	#6950
Sediment Analysis Completed	Yes
Benefit-Cost Ratio	Not Required
All Easements Obtained	Yes

Completion Schedule

Study	Complete
Design	Complete
Bid/Contract Award	Sept 2026
Construction Start	Oct. 2026
Completion	May 2027

Cost-Share Funding Summary

	Preconstruction	Estimated Construction	Total	Previously Approved	Recommend
Noneligible Cost	\$24,021	\$34,420	\$58,441		
Eligible Cost	\$65,200	\$212,031	\$277,231		
Total	\$89,221	\$246,451	\$335,672		
Cost-Share 60% (Requested)	\$39,120	\$127,218	\$166,338	\$39,120 (10/17/25)	\$127,218

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by Richland County Water Resource District for state cost participation in the Richland County Drain 4 (33) Improvement Project at 60% of eligible costs, not to exceed \$127,218, is eligible for consideration, contingent on available funding.

RH:af/1178

1088416 - Richland County Drain 4(33) Improvement Project

Application Details

Funding Opportunity: 1088301-July 2026 - June 2027 Infrastructure Request
Funding Opportunity Due Date: Jun 30, 2027 3:00 PM
Program Area: Funding for Infrastructure in ND - FIND
Status: Submitted
Stage: Final Application

Initial Submit Date: Jul 1, 2026 11:41 AM
Initially Submitted By: Alison Zajac
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Ms. Alison Middle Name Zajac
Salutation First Name Last Name
Title: Secretary Treasurer
Email*: azajac@co.richland.nd.us
Address*: 418 2nd Ave N

Wahpeton, North Dakota North Dakota 58075
City State/Province Postal Code/Zip

Phone*: (701) 642-7773 Ext.
Phone
###-###-####
Fax: ###-###-####
Comments:

Organization Information

Status*: Approved

Name*: Richland County Water Resource District

Organization Type*: County Government

Tax Id:

Organization Website:

Address*: 418 2nd Ave N

Wahpeton North Dakota 58075-4400
City State/Province Postal Code/Zip

Phone*: 701-642-7773 Ext.
###-###-####

Fax: 701-642-6332
###-###-####

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #:

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: Richland County Drain No. 4 (33) Improvement Project

Sponsor(s)*: Richland County Water Resource District

County*: Richland

City*: Wahpeton

Description of Request*: New

Project Type: Rural Flood Control

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*:

Richland County Water Resource District.
Assessed landowners.
Local road authorities.

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

Landowners within the Antelope Creek watershed have expressed concerns with drainage in the vicinity of the Richland County Highway #10 crossing of Drain 4 and have submitted a petition for an evaluation of potential improvements. Drain 4 (33) is a combined drain system with a north outlet and south outlet, both discharging to Antelope Creek, with a high point dividing the drain between the 2 outlets. The north portion has insufficient capacity to convey runoff from the central part of the drainage basin based on the current drain high point causing substantial agricultural flooding.

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

The proposed project improves the south outlet by deepening the existing drain to allow additional flow capacity, thereby providing relief to the north outlet.

Describe the Objectives or Goals Specific to This Application*:

Reduce agricultural flood damage by improving the south drain outlet to improve conveyance.

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

This application is for construction cost-share to assist with funding the costs of construction, construction engineering, and utility relocations for the proposed improvement project.

For this project,

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

What is the Current Estimated Population?* 17000

For this project,

What is the Benefited Population?* 50

Have Assessment Districts Been Formed?* N/A

Have Land or Easements Been Acquired?*: No

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

A jurisdictional determination was requested from USACE. USACE found that no jurisdictional wetlands exist in or adjacent to the project.

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

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

A jurisdictional determination was requested from USACE. USACE found that no jurisdictional wetlands exist in or adjacent to the project.

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

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

Yes. Surface Drain Application 6950 reviewed by DWR & approved by Water Resource District.

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*: Complete

Design Completion*: Complete

Bid*: 9/15/2026

Construction Start*: 10/15/2026

Construction Completion*: ~~5/31/2026~~ 5/31/2027

Explain Additional Timeline

Issues*:

No issues expected. The construction cost is under \$250,000. RCWRD will determine if it will be bid through advertisement or through other selection means. The majority of construction is expected to be completed in 2026, with potential for seeding and punchlist finalization completed in early 2027.

Consulting Engineer*: Houston Engineering, Inc.

Engineer Direct Phone Number*: 701-499-2091

Engineer Email*: gbladow@houstoneng.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*: Alison Zajac 07/01/2026
First Name Last Name Date

Title/Position/Authority*: Secretary Treasurer

Address*: 418 2nd Ave N
Address Line 1
Address Line 2
Wahpeton North Dakota 58075-_____
City State Zip Code

Direct Phone Number*: 701-642-7773

Sponsor Email*: azajac@co.richland.nd.us

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:

Tom Kubela
First Name Last Name

Authorized Signor Title/Position:

Chairman of the WRD Board

Authorized Signor Email:

azajac@co.richland.nd.us

Authorized Signor Direct Phone Number:

701-642-7773

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

Brandon Ward
First Name Last Name

Additional Board Member Title/Position:

Vice Chairman of the WRD Board

Additional Board Member Email:

azajac@co.richland.nd.us

Additional Board Member Direct Phone Number:

701-640-8204

Documentation

Documentation

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

No

[CLICK HERE to see examples.](#)

Project Specific Map

Project Specific 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:

Draft Minutes.pdf

Cover Letter: Letter_Antelope Creek Watershed Planning Drain 4 33.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_Drain4_33.xlsx

Type of Request: Construction

Signed Plans and Specifications For Bidding: Drain4_33_Plans_Specs.pdf

Is This a Water Supply Project?: No

Is This a Rural Flood Control Project?: ~~No~~ Yes, it is a Rural Flood Control Project.
No assessment vote taken, maintenance funds will be used to pay for project.

Is This a Drain Reconstruction Project?: Yes

Sediment Analysis: Drain 4_33 Sediment Removal Analysis.pdf

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: Drain 433 Preliminary Improvement Evaluation.pdf

Photos of Problem/Issue:

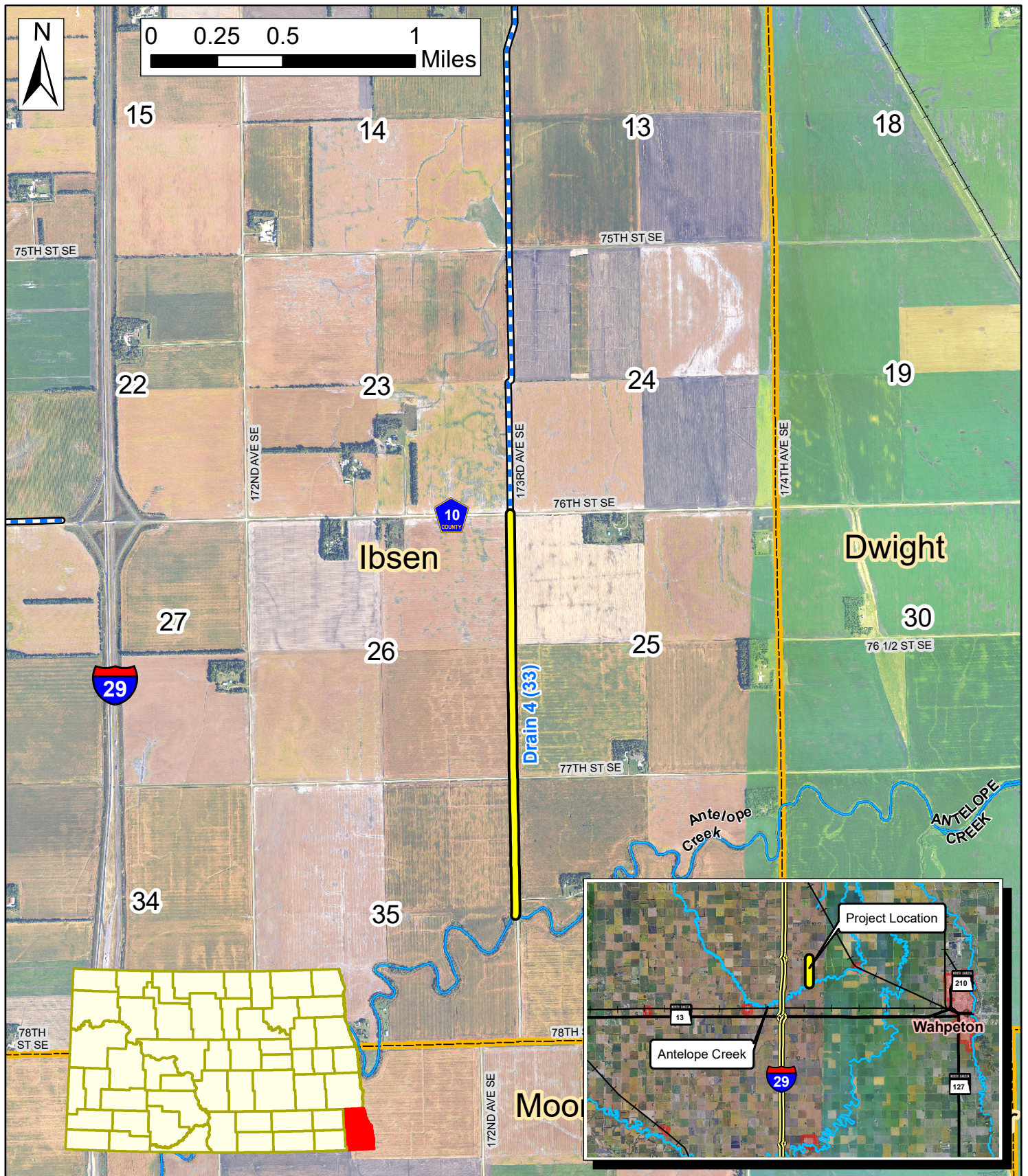
GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s):

Sources

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

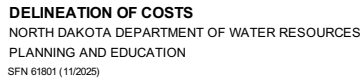
Source	If Other, Specify Funding Source	Source Status	State Fiscal			Total Cost	Type	Term	Interest Rate
			State Fiscal Year 1 July to June	Year 2 July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Construction		Current Request	\$127,218.47	\$0.00	\$0.00	\$127,218.47	Grant	0.00	0.00
Other	Local	Already Approved	\$143,253.31	\$0.00	\$0.00	\$143,253.31		0.00	0.00
			\$270,471.78	\$0.00	\$0.00	\$270,471.78			



Date: 6/29/2026
Prepared by: JPE

Richland County Water Resource District Richland County Drain No. 4 (33) Improvement Project

Richland County, North Dakota



DWR Date Received : July 01, 2026

Total Cost :	\$ 335,671.78	Total Cost-Share* :	\$ 166,338.47
Ineligible Cost :	\$ 58,441.00	Other Eligible :	\$ -
Eligible Cost :	\$ 277,230.78	Preconstruction :	\$ 39,120.00
Local Cost :	\$ 169,333.31	Construction :	\$ 127,218.47

Cost-share %

Preconstruction
previously
approved.

Federal or State Funds That Supplant Costs			
Eligible Cost Total	\$ 277,230.78	60%	\$ 166,338.47

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

RICHLAND COUNTY WATER RESOURCE DISTRICT

MANAGERS

*Tom Kubela, Chr. (Wahpeton)
Brandon Ward, Vice Chr. (Mooreton)
Clint Arndt (Hankinson)
Arv Burvee (Fairmount)
Gary Friskop (Wahpeton)*

SECRETARY/TREASURER

*Alison Zajac
(701)642-7773 (Phone)
(701) 642-6332 (Fax)
azajac@co.richland.nd.us*

OFFICE MANAGER/ CIVIL TECHNICIAN

*Justin Johnson
(701)642-7835 (Phone)
justinj@co.richland.nd.us*

June 30, 2026

ND State Water Commission
ATTN: Cost-Share Program
900 E Boulevard Ave.
Bismarck, ND 58505-0850

Subject: RCWRD – Antelope Creek Watershed Planning (Drain 4 (33))
Application for ND State Water Commission Construction Cost Share

To Whom It May Concern,

The Richland County Water Resource District (RCWRD) respectfully requests consideration for cost-share funding with the ND State Water Commission and the Department of Water Resources for the improvements of Richland County Drain No. 4 (33). The RCWRD is pursuing improvements for an approximately 1.5-mile segment of Drain 4 (33) that will enhance drainage benefits within the Antelope Creek watershed.

Landowners within the Antelope Creek watershed have expressed concerns with drainage in the vicinity of the Richland County Highway #10 crossing of Drain 4 and have submitted a petition for an evaluation of potential improvements. Drain 4 (33) is a combined drain system with a north outlet and south outlet, both discharging to Antelope Creek, with a high point dividing the drain between the 2 outlets. A feasibility study, preliminary and final design has been completed by Houston Engineering, Inc. (DWR Project No. 1178).

We request that the eligible construction items of the project be considered for funding under the current cost share policy to the amount of \$127,218.47. Total construction costs are estimated to be \$270,471.78, including ineligible construction items, real estate, construction and engineering, and other miscellaneous items.

If you have any questions, please do not hesitate to contact our office at (701) 642-7773.

Sincerely,

Richland County Water Resource District

RICHLAND COUNTY WATER RESOURCE DISTRICT

Richland County Courthouse, Wahpeton, ND June 30th,
2026 – Special Meeting

The Richland County Water Resource District (“RCWRD”) met June 30th, 2026,
at 9:00 A.M. at the Richland County Courthouse.

THOSE PRESENT: Managers Arv Burvee, Brandon Ward, Gary Friskop, Clint Arndt,
Tom Kubela, Office Manager/Engineering Technician Justin Johnson
and Secretary/Treasurer Alison Zajac.

THOSE ABSENT:

Tony Luick joined the meeting.

Approval of Agenda

A motion was made by Mgr. Arndt and seconded by Mgr. Burvee; motion
carried unanimously to approve the agenda as presented.

Drain 39 Appl, #26-047

Mr. Johnson informed the Board Tony Luick contacted the office during the
cleanout of the Drain 39 Natural Channel requesting additional sediment be
removed along County Road 22 in the N ½ of Section 24 in LaMars
Township. A map was showing the recent survey data, the cleanout grade
line and the survey data from 2004 was provided to the Board. Mr. Johnson
turned the discussion over to Mr. Luick to address his request. Mr. Luick
provided a map showing the location of his gravity tile outlet to the Board. Mr.
Luick requested the grade line along the southside of County Road 22
starting at 179th St. SE to the natural channel in the NE ¼ of Section 24 in
LaMars Township be lowered to the previous grade of the ditch that
previously accommodated his gravity outlet.

A motion was made by Mgr. Arndt and seconded by Mgr. Friskop to hire JAV
Construction and pay for half of the cleanout and Mr. Luick to cover the
remaining balance. Upon roll call vote, the motion carried unanimously.

Misc. Items

Mr. Luick is requesting adding material to the current berm in the NE ¼ of Section 16
South of the bridge crossing Drain 3 on 98th St. SE in between the SW ¼ of Section 9
and the NE ¼ of Section 16 in LaMars township. The consensus of the Board is to add
to the existing berm per Mr. Luick's request.

Tony Luick left the meeting.

2027 Budget

Mr. Johnson turned the meeting over to Ms. Zajac to present the 2027 Budget. Ms.
Zajac informed the Board of the changes made to tracking expenses. Discussion was
held on potential projects within the county. The consensus of the Board is to follow
last year and request 3 Mills from the County.

A motion was made by Mgr. Friskop and seconded by Mgr. Burvee to approve the 2027 Budget as presented. Upon roll call vote, the motion carried unanimously.

Timesheet Update

Ms. Zajac informed the Board effective immediately the Board timesheet will include a description under the location section of each timesheet.

Clint Arndt left the meeting.

Clint Arndt joined the meeting by phone.

Drain 4(33) Reconstruction – Appl. #25-057

Mr. Johnson informed the Board Houston Engineering staked the proposed new right of way (channel acres) and the 100 ft. easement per the meeting on June 16, 2026. The office contacted Gene Wefel who disagrees with the Board's current offer of \$10,000 to cover the existing drain of 3.164 acres and the .0775 acres of tillable ground that he would be losing. Discussion was held on how to proceed with the project. Ms. Zajac informed the Board the office has received signed purchase agreements from Karen Cieminski and Tyler Bjerke for their portion of the project. The consensus of the Board is to invite Mr. Wefel, Dave Ward and landowners in support of the project to the meeting on July 7, 2026, to further discuss the project.

A motion was made by Mgr. Ward and seconded by Mgr. Arndt to allow Houston Engineering to submit an application to the North Dakota Department of Water Resources for construction cost share.

Clint Arndt left the meeting.

Temporary Access Agreement

Ms. Zajac informed the Board the office received a verbal agreement to sign the temporary access agreements from Ben Dotzenrod with the adjusted post planting payment of \$500 an acre for the cleanouts along Drain 12, 17, and 67-8.

Adjournment

There being no further business to come before the Board, Chr. Kubela adjourned the meeting at 11:00 A.M.

Respectfully submitted,

Alison Zajac
Secretary/Treasurer

Tom Kubela
Chr of the Board

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
 Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – Northeast Regional Water District
 User and Reservoir Expansion

DATE: July 30, 2026


For Reice Haase

Background & Description

Northeast Regional Water District is requesting construction cost-share for their User and Reservoir Expansion (Project). The Project includes a user expansion portion, which was previously approved for cost-share by the Commission, and a reservoir expansion portion, which is the current request. The proposed reservoir expansion includes pump station upgrades at Reservoirs 11 through 14, Mountain Reservoir, and at the Walhalla Meter Station. The Project is located in Pembina, Walsh, Cavalier, Ramsey, and Towner Counties.

Supplemental Information

Water Development Plan/Priority	2025 / Moderate
New/Future/Current Service Users	35 / 0 / 2,695
Present Value Cost / User (Preferred Alternative)	\$998 reservoirs \$1,861 project
Rate / 5,000-Gallons	\$101
Comparable Rate / 5,000-Gallons	\$84
Water Source	Icelandic Aquifer

Schedule - Current Request

Task	Dates
Study	Nov. 2025
Design	Jul. 2026
Bid	Aug. 13, 2026
Construction	Oct. 2026
Completion	May 2027

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Costs	\$0	\$0	\$0		
Eligible Costs - Expansion (Approved)	\$495,000	\$1,397,680	\$1,892,680		
Eligible Costs - Reservoir (Current Request)	\$0	\$1,690,000	\$1,690,000		
Total	\$495,000	\$3,087,680	\$3,582,680		
Cost-Share 75%	\$371,250	\$2,315,760	\$2,687,010	\$473,989 (10/9/25) \$1,048,260 (4/8/26)	\$1,164,761

State Water Supply – Northeast Regional Water District
NRWD: User and Facility Expansion
July 30, 2026
Page 2

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by the Northeast Regional Water District for additional state cost-share participation in the User and Reservoir Expansion project in the amount of \$1,164,761, or 75% of eligible costs, with total cost-share not to exceed \$2,687,010, is eligible for consideration, contingent on available funding.

RH:jsp:ln/2050NOE

1088342 - NRWD: User and Facility Expansion - Copy - Copy

Application Details

Funding Opportunity: 1088301-July 2026 - June 2027 Infrastructure Request
Funding Opportunity Due Date: Jun 30, 2027 3:00 PM
Program Area: Funding for Infrastructure in ND - FIND
Status: Submitted
Stage: Final Application

Initial Submit Date: Jul 1, 2026 9:24 AM
Initially Submitted By: Geoff Slick
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

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

Grand Forks North Dakota 58201
City State/Province Postal Code/Zip

Phone*: 701-213-7580 Ext.
Phone
###-###-####
Fax: ###-###-####
Comments:

Organization Information

Status*: Approved

Name*: Northeast Regional Water District

Organization Type*: Municipal Government

Tax Id: 45-0461209

Organization Website:

Address*: 13532 ND-5

City: Cavalier **State/Province:** North Dakota **Postal Code/Zip:** 58220-0000

Phone*: (701) 265-8503 Ext. ###-###-####

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

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #:

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: NRWD: User and Facility Expansion

Sponsor(s)*: Northeast Regional Water District

County*: Pembina

City*: Cavalier

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?:

Jurisdictions/Stakeholders

Involved*:

Northeast Regional Water District

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

Over 35-users haul water or are on individual wells. Poor water quality and quantity have urged users to switch to a public water system. Over the past 15 years, NRWD has added more than 500 new rural water users, expanded service to the City of Langdon, experienced substantial growth throughout the Pembina Gorge region, and seen significant increases in agricultural water use, particularly for crop spraying. These changes have fundamentally altered system operations and have pushed the existing reservoir and pumping facilities to their practical limits during peak demand periods.

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

Addition of 35-users to the existing Northeast Regional Water District. Increase pumps sizes and add VFD for increased system operations, increase process piping at Reservoir 14, addition of new magnetic meters in lieu of turbine meters, many of which do not provide real time data, and update electrical and controls for better system monitoring.

Describe the Objectives or Goals Specific to This Application*:

The goal of the application are to provide reliable service, improve system resiliency, and ensure adequate storage and pumping capacity for existing customers while accommodating future growth. Without these upgrades, NRWD's ability to meet peak demands, maintain system pressures, and provide dependable service will continue to become increasingly challenged.

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

The scope of the application will be for installation of new process and electrical equipment, RPR services and contingencies for the project.

For this project,

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

What is the Current Estimated Population?*	10000
---	-------

For this project,

What is the Benefited Population?*	5000
---	------

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

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?*: 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*: July 3, 2026

Bid*: August 13, 2026

Construction Start*: October 2026

Construction Completion*: May 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 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*:

Jeremy Schuler 06/29/2026
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

Sponsor Email*:

Jeremy@nrwd.us

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:

Richard Bigwood
First Name Last Name

Authorized Signor Title/Position:

President

Authorized Signor Email:

mrbiggs77@hotmail.com

Authorized Signor Direct Phone Number:

701-520-1449

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

Michelle Schommer
First Name Last Name

Additional Board Member Title/Position:	Vice-President
Additional Board Member Email:	happy.4me@live.com
Additional Board Member Direct Phone Number:	701-370-8343

Documentation

Documentation

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

[CLICK HERE to see examples.](#)

Project Specific Map NRWD 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?* 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: May 28 2026 Minutes of NRWD 2 003.docx

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 - Reservoirs.xlsx

Type of Request: Construction

Signed Plans and Specifications For Bidding: Combined Plans and Specs.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: Updted NRWD Reservoirs 0630226.xlsx

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

Asset Inventory Assessment: NRWD_State Basic Asset Inventory Tool 063026.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.

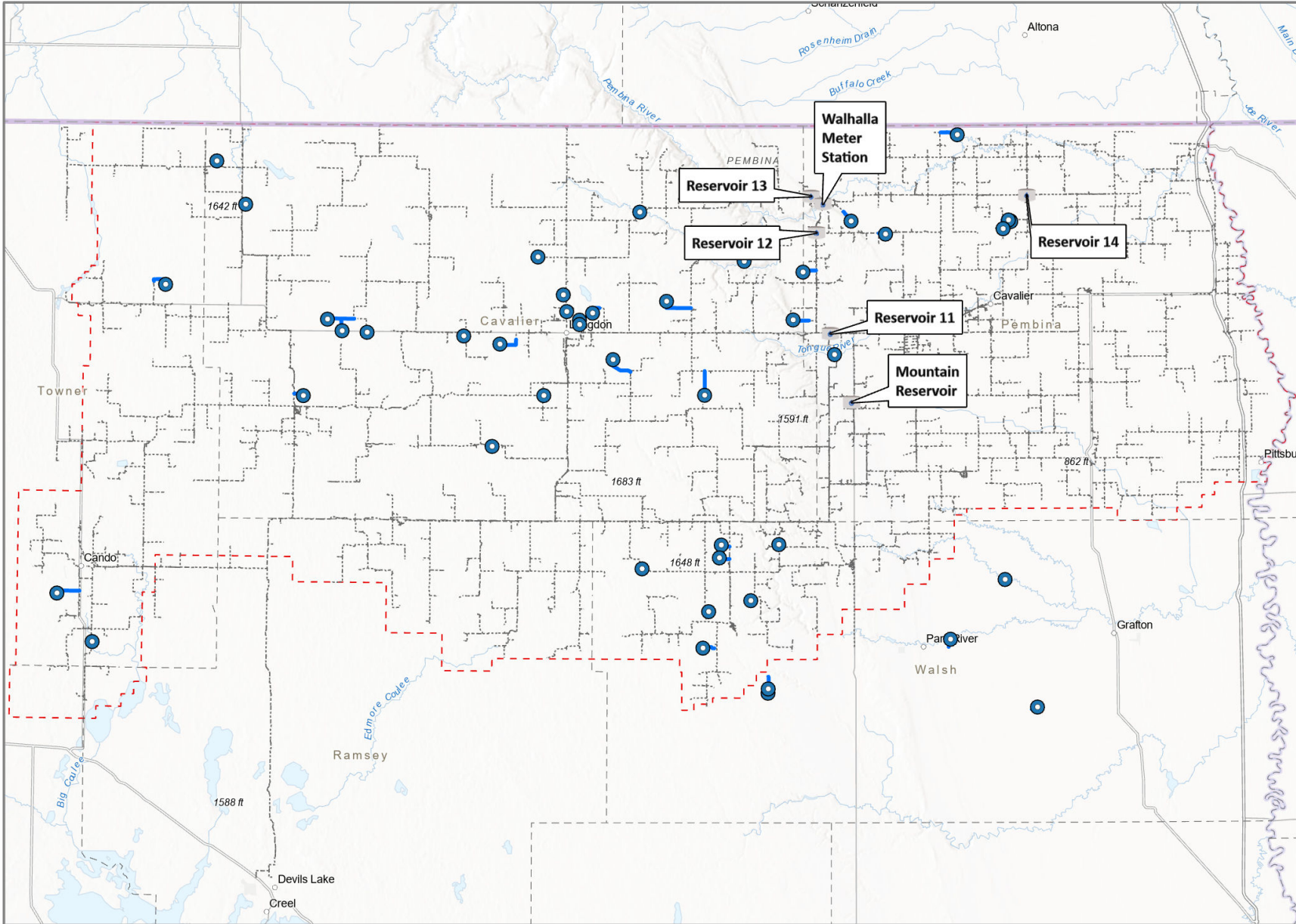
Other Applicable Document(s):

Sources

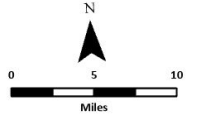
Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

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
			\$2,029,665.00	\$1,553,015.00	\$0.00	\$3,582,680.00			

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Pre- Construction		Already Approved	\$473,989.00	\$0.00	\$0.00	\$473,989.00	Grant	0.00	0.00
Other	Local	Already Approved	\$157,996.00	\$0.00	\$0.00	\$157,996.00		0.00	0.00
Department of Water Resources Cost Share Construction		Already Approved	\$1,048,260.00	\$0.00	\$0.00	\$1,048,260.00	Grant	0.00	0.00
Other	Local/Dues	Already Approved	\$349,420.00	\$0.00	\$0.00	\$349,420.00		0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$1,164,761.00	\$0.00	\$1,164,761.00	Grant	0.00	0.00
Other	Local	Current Request	\$0.00	\$388,254.00	\$0.00	\$388,254.00	Loan	30.00	2.00
			\$2,029,665.00	\$1,553,015.00	\$0.00	\$3,582,680.00			



DWR Date Received : 7/6/26



1 inch equals 8 miles



Locator Map Not to Scale

NEW USER AND RESERVOIR EXPANSION

Previous DWR Request

- New Users
- New Pipeline
- Existing Pipeline
- NRWD Boundary

Current DWR Request

- Reservoir/Pump Station Improvements

NORTHEAST REGIONAL
WATER DISTRICT
CAVALIER, ND

Date : 07/01/2026



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: cclauson | 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 (11/2025)

DWR Date Received : July 1, 2026

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

Total Cost :	\$ 3,582,680.00	Total Cost-Share* :	\$ 2,687,010.00
Ineligible Cost :	\$ -	Other Eligible:	\$ -
Eligible Cost :	\$ 3,582,680.00	Preconstruction :	\$ 371,250.00
Local Cost :	\$ 895,670.00	Construction :	\$ 2,315,760.00

Current request: \$1,164,761

Project Type:	Cost-share %
Water Supply - Rural	75%

		Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs								
Item	% of Cost							
1	0.0%		0		-	\$ -	75%	\$ -
2	0.0%		0		-	\$ -	75%	\$ -
3	0.0%		0		-	\$ -	75%	\$ -
4	0.0%		0		-	\$ -	75%	\$ -
5	0.0%		0		-	\$ -	75%	\$ -
	0.0%	Other Eligible Total				\$ -	75%	\$ -
Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	1.4%	Easement Acquisition (for Water Supply)	1		50,000.00	\$ 50,000.00	75%	\$ 37,500.00
7	11.2%	Final Design	1		400,000.00	\$ 400,000.00	75%	\$ 300,000.00
8	1.3%	Bidding/Negotiations	1		45,000.00	\$ 45,000.00	75%	\$ 33,750.00
9	0.0%		0		-	\$ -	75%	\$ -
10	0.0%		0		-	\$ -	75%	\$ -
	13.8%	Preconstruction Total				\$ 495,000.00	75%	\$ 371,250.00
Construction Engineering Costs								
11	4.2%	Construction Observation - Part 1	1		150,000.00	\$ 150,000.00	75%	\$ 112,500.00
12	4.2%	Construction Observation - Part 2 Current Request	1		150,000.00	\$ 150,000.00	75%	\$ 112,500.00
13	1.4%	Crop Damages - Part 1	1		50,000.00	\$ 50,000.00	75%	\$ 37,500.00
14	0.0%		0		-	\$ -	75%	\$ -
	9.8%	Construction Engineering Total				\$ 350,000	75%	\$ 262,500.00
Construction Costs								
15	4.2%	Mobilization	1	LS	150,000.00	\$ 150,000.00	75%	\$ 112,500.00
16	0.0%	Bonding	0		-	\$ -	75%	\$ -
17	0.0%	Insurance	0		-	\$ -	75%	\$ -
18	12.0%	Water Main 2 in	100000	LF	4.30	\$ 430,000.00	75%	\$ 322,500.00
19	3.2%	Boring - Poly	9600	LF	12.00	\$ 115,200.00	75%	\$ 86,400.00
20	4.2%	Detailed Tie-In	33	EA	4,548.48	\$ 150,100.00	75%	\$ 112,575.00
21	0.1%	Fittings	6	EA	800.00	\$ 4,800.00	75%	\$ 3,600.00
22	2.9%	Curb Stop	35	EA	2,922.86	\$ 102,300.00	75%	\$ 76,725.00
23	1.7%	Meter	35	EA	1,771.43	\$ 62,000.00	75%	\$ 46,500.00
24	0.6%	Meter - Frost Free	7	EA	3,200.00	\$ 22,400.00	75%	\$ 16,800.00
25	0.1%	Seeding	4	AC	500.00	\$ 2,000.00	75%	\$ 1,500.00
26	1.4%	Restoration	100000	LF	0.50	\$ 50,000.00	75%	\$ 37,500.00
27	0.0%		0		-	\$ -	75%	\$ -
28	0.0%				-	\$ -	75%	\$ -
29	22.3%	Pump Stations -Process Pumps, Piping, Meters- Current Request	6	LS	133,333.33	\$ 800,000.00	75%	\$ 600,000.00
30	16.7%	Pump Station - Electrical - Current Request	6	LS	100,000.00	\$ 600,000.00	75%	\$ 450,000.00
31	0.0%		0		-	\$ -	75%	\$ -
32	0.0%		0		-	\$ -	75%	\$ -
33	0.0%		0		-	\$ -	75%	\$ -
34	0.0%		0		-	\$ -	75%	\$ -
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
		Construction Sub-Total				\$ 2,488,800.00	75%	\$ 1,866,600.00
	6.9%	Allowable Contingency (10%)				\$ 248,880.00	75%	\$ 186,660.00
	0.0%	Elective Contingency Reduction	0		-	\$ -	75%	\$ -
	76.4%	Construction Total				\$ 2,737,680.00	75%	\$ 2,053,260.00
Eligible Preconstruction						\$ 495,000.00	75%	\$ 371,250.00
Eligible Construction						\$ 3,087,680.00	75%	\$ 2,315,760.00
Eligible Total						\$ 3,582,680.00	75%	\$ 2,687,010.00
Ineligible Preconstruction Costs								
37	0.0%		0		-	\$ -	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Preconstruction Ineligible Total				\$ -	0%	\$ -
Ineligible Construction Costs								
41	0.0%		0		-	\$ -	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
	0.0%	Construction Ineligible Total				\$ -	0%	\$ -
Ineligible Total						\$ -	0%	\$ -
Project Total						\$ 3,582,680.00		
Federal or State Funds That Supplant Costs						\$ -		
Eligible Cost Total						\$ 3,582,680.00	75%	\$ 2,687,010.00

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

Life Cycle Cost Analysis Review

Sponsor: Northeast Regional Water District
Project Title: NRWD: User and Reservoir Expansion

Date: July 2, 2026

Explanation of Alternatives:

- Do Nothing: Users continue to haul water or use individual wells. Facilities remain undersized and cannot meet demand during critical periods. Reservoirs get low during spray and end users lack water pressure. Current infrastructure is unable to provide the area with reliable water.

- **Addition of 35 Users - Facility Expansion - Preferred:** The project adds 35-users to the existing NRWD system and updates pumping, metering, controls and electrical for facilities near the NRWD WTP.

- Addition of 35 Users and Upsize pipelines: Pipelines are upsized and flow is pumped from NRWD WTP and will not have to be repumped. This decreases the need for reservoir/pump stations.

Inputs:

New Connections Served	35
Future Connections Served	0
Current Connections Served	2695
Net Connections (New + Current)	2730

Current CIF Balance	\$2,258,154
Annual CIF Contribution	\$700,000
Cash Funding Target (Percentage %) New Assets	25%
Cash Funding Target (Percentage %) Existing Assets	25%
Annual CIF Contribution suggested for the Project	\$29,238

	Do Nothing	Addition of 35 Users - Facility expansion - Preferred	Addition of 35 Users and Upsize pipelines	-
Construction Cost	\$0	\$3,582,700	\$7,231,800	\$0
Annual O & M	\$0	\$40,000	\$20,000	\$0

Details:

The LCCA evaluates the project in its entirety (user expansion and reservoir expansion). Current funding request is for the reservoir expansion phase of the project, user expansion funding request occurred in March 2026. Project was separated into phases because of bid/construction

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

	Do Nothing	Addition of 35 Users - Facility expansion - Preferred	Addition of 35 Users and Upsize pipelines	-
Present Value				
Capital Costs	\$0	\$3,526,000	\$7,118,000	\$0
O&M	\$0	\$932,000	\$469,000	\$0
Repair, Rehab, Replacement	\$0	\$835,000	\$1,161,000	\$0
Salvage Value	\$0	\$213,000	\$31,000	\$0
Total PVC	\$0	\$5,080,000	\$8,717,000	\$0
PV Cost Per User	\$0	\$1,861	\$3,193	\$0
Construction Cost Per User	\$0	\$1,312	\$2,649	\$0
Current Water Rate (Cost Per 5000g)	\$101			
Comparable Water Rate	\$84			
Net Connections (New + Current)	2,730	2,730	2,730	2,730
Cost-Share Percent	75%	75%	75%	75%
Local Share	\$0	\$881,500	\$1,779,500	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$881,500	\$1,779,500	\$0
Payment Per User With Cost-Share	\$0.00	\$1.63	\$3.30	\$0.00
Local Share	\$0	\$3,526,000	\$7,118,000	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$3,526,000	\$7,118,000	\$0
Payment Per User Without Cost-Share	\$0.00	\$6.53	\$13.19	\$0.00

Explanation of Results:

The preferred alternative adds 35 users to the system and updates supporting infrastructure to meet demand. The present value cost per user is \$1,861 and construction cost per user is \$1,312. Monthly cost with 75% DWR Cost Share participation is \$1.63 and \$6.53 per user 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.



June 26, 2026

Reice Haase

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

**Re: Northeast Regional Water District User and Reservoir Expansion Project –
Construction Cost Share Application**

Dear Director Haase:

The Northeast Regional Water District (NRWD) respectfully submits this application for North Dakota State Water Commission construction cost-share funding for **Part 2 of the NRWD User and Reservoir Expansion Project**.

This phase of the project focuses on expanding and upgrading six existing reservoir and pump station sites that have remained largely unchanged since they were originally constructed more than 30 years ago. During that time, NRWD has experienced significant growth throughout its service area, placing increasing demands on infrastructure that was never designed to support today's customer base or water demands.

Over the past 15 years, NRWD has added more than 500 new rural water users, expanded service to the City of Langdon, experienced substantial growth throughout the Pembina Gorge region, and seen significant increases in agricultural water use, particularly for crop spraying. These changes have fundamentally altered system operations and have pushed the existing reservoir and pumping facilities to their practical limits during peak demand periods.

The proposed improvements are necessary to maintain reliable service, improve system resiliency, and ensure adequate storage and pumping capacity for existing customers while accommodating future growth. Without these upgrades, NRWD's ability to meet peak demands, maintain system pressures, and provide dependable service will continue to become increasingly challenged.

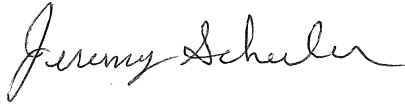
This project also protects the substantial public investment previously made in the district's water infrastructure. Expanding existing facilities is a cost-effective approach that maximizes the value of prior state investments while improving long-term operational efficiency and reducing the risk of service interruptions. The improvements will strengthen NRWD's ability to provide safe,

reliable drinking water to rural residents, communities, farms, and businesses throughout northeastern North Dakota.

State cost-share participation is essential to the successful completion of this project. The requested funding will allow NRWD to continue providing dependable water service while supporting economic development, agricultural productivity, and the long-term sustainability of the region.

NRWD appreciates the State Water Commission's continued partnership and commitment to investing in North Dakota's regional water infrastructure. Thank you for your consideration of this funding request. Should you have any questions or require additional information, please do not hesitate to contact me at (701) 370-0608.

Sincerely,

A handwritten signature in black ink, reading "Jeremy Schuler". The signature is fluid and cursive, with the first name "Jeremy" and last name "Schuler" clearly distinguishable.

Jeremy Schuler
General Manager
Northeast Regional Water District

**MINUTES OF THE
NORHTEAST REGIONAL WATER DISTRICT
Monthly Meeting
May 28, 2026**

The NRWD meeting was called to order by President Rick Bigwood at 7:02 AM at the Langdon office.

Directors present: Bruce Henschel(phone), Arnie Peterson, Rick Bigwood(phone), and Michele Schommer.

Others present were Jeremy Schuler, manager, and Geoff Slick, AE2S.

President Bigwood asked if there were any corrections or omissions for the April 30, 2026 minutes. Michele made a motion the minutes stand as presented, second by Arnie, MC.

Managers report: Water sales for March were 42.83 million gallons with a 114.1% accountability. This high accountability was due to a meter showing more gallons than were recorded. We now have 2,702 accounts and there were 7 leaks in the NV branch and none in the Langdon branch. Jeremy met with the FBI Partner on April 30th in regards to cyber security. Attended a manager meeting where they discussed educating the SWC and DWR staff on how important it is to continue funding for water projects around the state. He also virtually attended a Pre-commission meeting where there were discussions and concerns in regards to the proposed funding cuts for water projects.

Rick reported on LAWA. A meeting was held on May 11th to approve accepting the \$150,000,000 of Federal money that was received. They are also currently looking for an Executive Director for LAWA and have 7 candidates.

Michele reported on NRW. There will be a finance meeting coming up in June and other meetings scheduled for July.

Bruce reported on NDRWSA. Eric and the staff are preparing for the quarterly Board of Directors meeting coming up on June 30th at the Nome School. Eric is reviewing the proposed funding change for water projects and we will be discussing that at our next meeting.

Jeremy and the board discussed the lack of participation from our current lawyer at meetings that should have been attended. He will work on contacting him and will bring more info to the next monthly meeting.

Due to scheduling issues, we will combine June and July into one meeting. It will be on July 7th at 7:00 AM at the Akra office.

Geoff reported on the WTP/Wellfield project. It is mostly complete with some punch list items to do. Mostly cleanup and landscaping. Final completion of the project is expected in early August after the new blowers are installed.

Change orders were then presented. Michele made a motion to approve payment of change order #5 in the amount of \$18,736.00 for Swanberg Construction for the lead time on the blowers and other items. Second by Arne, all voting in favor, MC.

Michele made a motion to approve payment of change order #7 in the amount of \$32,974.79 for Sun Electric for lead time on the blowers and other materials and labor. Second by Bruce, all voting in favor, MC.

An invoice was then presented. Arnie made a motion to approve payment of the invoice for construction, electrical, and engineering, in the amount of \$167,139.46. There was second by Michele, all voting in favor, MC.

Geoff reported on the User Expansion project. They held a preconstruction meeting and Apex Drainage is looking at starting the first part of June. They expect to have the new users installed by the end of August. He noted that being they are a new company to work with, they will monitor them closely to make sure the work is done correctly.

Geoff reported the easements are 63% complete and they should all be done soon.

An invoice was presented for Apex Drainage for material. Michele made a motion to approve payment of the invoice in the amount of \$91,392.93 for material for this project. Second by Arnie, all voting favor, MC.

Jeremy informed the board that final design and bidding of the phase 2 of the User and Reservoir project could be complete by end of June, which would allow us enough time to submit to the SWC to be on the August meeting.

Michele made a motion to allow AE2S and Jeremy to apply for additional funding for phase 2 of the user and reservoir expansion project. Second by Bruce, all voting favor, MC.

After reviewing the paid bills, Bruce made a motion to approve the payment of bills #43150-43209. Second by Michele, all voting in favor, MC.

Our next meeting will be on July 7th at 7:00 AM at the Akra office.

Being no other business, meeting was adjourned.

Respectfully submitted,

Bruce Henschel

Secretary/Treasurer

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – Western Area Water Supply Authority (WAWSA)
R&T WD Stanley Part II Alt II and Little Knife Bay

DATE: July 30, 2026


For Reice Haase

Background & Description

The Western Area Water Supply Authority is requesting preconstruction cost-share for their R&T Water District Stanley Part II Alt II and Little Knife Bay (Project). The Project is installation of 62 miles of distribution pipeline, a bulk meter at Little Knife Bay, and a booster pump station to provide service to 44 new rural users and 38 new users within the extra-territorial area (ETA) of the Cities of New Town and Stanley. The Project is located in Mountrail and Williams Counties.

Supplemental Information

Water Development Plan/Priority	2025 / High
New/Future/Current Service Users	82 / 25 / 0
Present Value Cost / User	Rural \$217,340
Overall \$164,256	ETA \$102,790
Rate / 5,000-Gallons	\$96
Comparable Rate / 5,000-Gallons	\$84
Water Source	Missouri River and Ray Aquifer

Schedule

Task	Dates
Study	Sept. 2026
Design	Mar. 2027
Bid	Apr. 2027
Construction	May 2027
Completion	Nov. 2028

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Ineligible Cost	\$40,000	\$60,000	\$100,000		
Eligible Rural	\$579,000	\$7,298,058	\$7,877,058		
Eligible ETA	\$354,000	\$2,772,337	\$3,126,337		
Total	\$973,000	\$10,130,395	\$11,103,395		
Rural 75%	\$434,250	\$5,473,543	\$5,907,793		
ETA 60%	\$212,400	\$1,663,402	\$1,875,802		
Cost-Share Total	\$646,650	\$7,136,945	\$7,783,595		\$646,650

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by the Western Area Water Supply Authority for state cost-share participation in the R&T WD Stanley Part II Alt II and Little Knife Bay project at 75 percent of eligible rural costs and 60 percent of eligible extra-territorial area costs, not to exceed \$646,650, is eligible for consideration, contingent on available funding.

RH:jsp:ln/1973

1088332 - WAWSA R&T Stanley Part II Alt II & Little Knife Bay Preconstruction

Application Details

Funding Opportunity: 1088301-July 2026 - June 2027 Infrastructure Request
Funding Opportunity Due Date: Jun 30, 2027 3:00 PM
Program Area: Funding for Infrastructure in ND - FIND
Status: Submitted
Stage: Final Application

Initial Submit Date: Jun 30, 2026 2:41 PM
Initially Submitted By: Christopher Barke
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Salutation Christopher Middle Name Barke
First Name Last Name
Title: Executive Director
Email*: chris.barke@wawsp.com
Address*: 1117 E Broadway

Williston North Dakota 58801
City State/Province Postal Code/Zip

Phone*: 701-774-6605 214
Phone Ext.
###-###-####

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

Comments:

Organization Information

Status*: Approved

Name*: Western Area Water Supply Authority

Organization Type*: Municipal Government

Tax Id: 45-2909916

Organization Website:

Address*: PO Box 2343

Williston North Dakota 58802-2343
City State/Province Postal Code/Zip

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

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

Vendor ID:

PeopleSoft Supplier ID:

Comments:

Location Code:

SAM UEI #:

SAM Validation:

SAM Expiration Date:

SAM Exclusion Flag:

SAM Last Updated:

Infrastructure Funding Request

Infrastructure Funding Request

Project Name*: WAWSA R&T Stanley Part II Alt II & Little Knife Bay

Sponsor(s)*: Western Area Water Supply Authority

County*: Multiple

City*: Multiple

Description of Request*: New

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?:

Missouri River & Ray Aquifer

Jurisdictions/Stakeholders

Involved*:

Western Area Water Supply Authority, City of Williston, McKenzie County Water Resource District, Northwest Rural Water District, R&T Water District, BDW Rural Water

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

Water demands in northwest North Dakota continue to expand with population growth, commercial and industrial water demand growth, and agricultural producers continue to look for reliable water supplies. WAWSA, in cooperation with its member entities, continues working to expand service to meet these growing demands.

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

The purpose of the proposed project is to supply quality potable drinking water to new R&T Water District rural users through the installation of a total of 62 miles of rural distribution pipeline to serve 82 new users. This project will also include a bulk service from the City of New Town and a new booster pump station.

Describe the Objectives or Goals Specific to This Application*:

This application is requesting preconstruction cost share for the design, bidding, cultural resource review and US Army Corps permitting for the project.

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

Project will provide service to 82 new rural water customers.

For this project,

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

What is the Current Estimated Population?* 70000

For this project,

What is the Benefited Population?* 188

Have Assessment Districts Been Formed?* N/A

Have Land or Easements Been Acquired?* No

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

Yes

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

No

Have You Applied For Any Federal Permits?*

No

Have You Applied for any State Permits?*

No

Have You Applied for any Local Permits?*

No

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

No

Have You Received, or Do You Anticipate Receiving Federal Funding?

No

(Example: Hazard Mitigation Grant Program)

.*

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: 9/2026

Design Completion*: 3/2027

Bid*: 4/2027

Construction Start*: 5/2027

Construction Completion*: 11/2028

Explain Additional Timeline Issues*:

No anticipated issues at this time.

Consulting Engineer*: Weston McGruder, AE2S

Engineer Direct Phone Number*: 701-320-4838

Engineer Email*: weston.mcgruder@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*:

Chris Barke 06/30/2026
First Name Last Name Date

Title/Position/Authority*:

Executive Director

Address*:

1117 E Broadway
Address Line 1
Address Line 2
Williston North Dakota 58801-____
City State Zip Code

Direct Phone Number*:

701-570-0426

Sponsor Email*:

chris.barke@wawsp.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:

Chris Brostuen
First Name Last Name

Authorized Signor Title/Position:

Chairman

Authorized Signor Email:

brostuen@live.com

Authorized Signor Direct Phone Number:

701-557-8100

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

First Name Last Name

Additional Board Member Title/Position:

Additional Board Member Email:

Additional Board Member Direct

Phone Number:

Documentation

Documentation

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

Yes

[CLICK HERE to see examples.](#)

Project Specific Map 01 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: 02 WAWSA_Board_Meeting_Minutes.pdf

Cover Letter:

03.1 WAWSA_RTWD_St Stanley_Part_II_Alt_II_LKB_PreConstruction_Funding_Cost_Request_Letter.pdf

**Are You Seeking Cost-Share for
a Main Street Initiative Related
Project?:**

No

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

Delineation of Costs SFN 61801:

04.2 WAWSA_RTWD_St Stanley_Part_II_Alt_II_LKB_Delineation_Of_Cost_75.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:

05 WAWSA_RTWD_St Stanley_Part_II_Alt_II_LKB_Preconstruction_life_cycle_cost_analysis_worksheet.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): Yes

Other Applicable Document:

04.1 WAWSA_RTWD_St Stanley_Part_II_Alt_II_LKB_Delineation_Of_Cost_60.xlsx

Other Applicable Document:

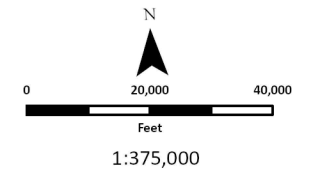
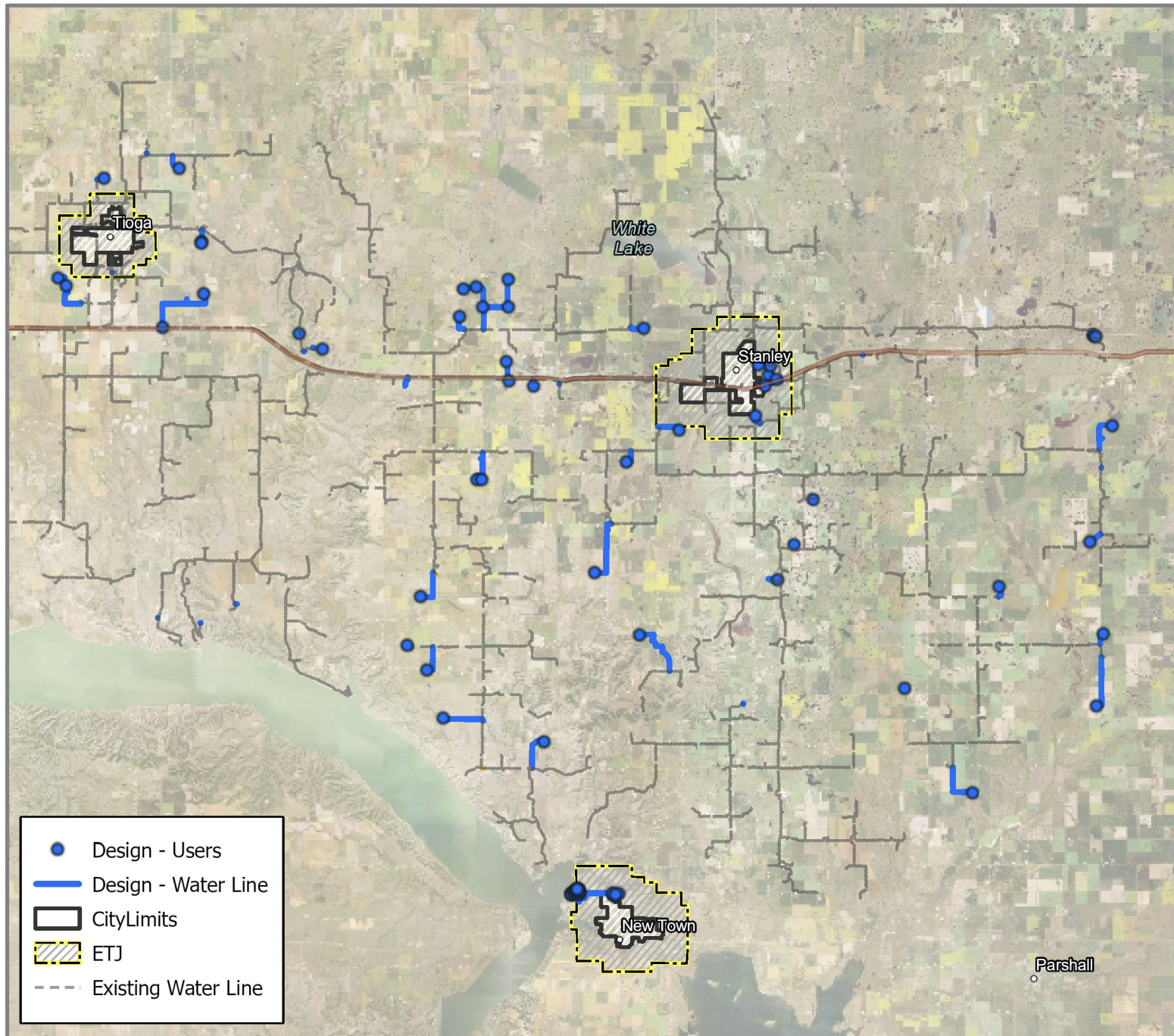
Other Applicable Document:

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	State Fiscal Year 2	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
			July to June	July to June					
			\$0.00	\$4,023,000.00	\$7,080,400.00	\$11,103,400.00			

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1	State Fiscal	Beyond	Total Cost	Type	Term	Interest Rate
			July to June	Year 2 July to June	Current Biennium				
Department of Water Resources Cost Share Pre- Construction		Current Request	\$0.00	\$646,650.00	\$0.00	\$646,650.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Current Request	\$0.00	\$326,350.00	\$0.00	\$326,350.00	Loan	30.00	2.50
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$2,250,000.00	\$5,310,300.00	\$7,560,300.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Future Request	\$0.00	\$800,000.00	\$1,770,100.00	\$2,570,100.00	Loan	30.00	2.50
			\$0.00	\$4,023,000.00	\$7,080,400.00	\$11,103,400.00			



Locator Map Not to Scale

Williams &
Mountrail County, ND

Item B

STANLEY PART II ALT II & LITTLE KNIFE BAY

PROJECT OVERVIEW MAP

WAWSA - R&T WD

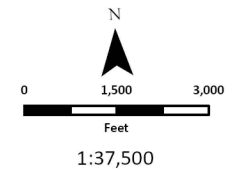
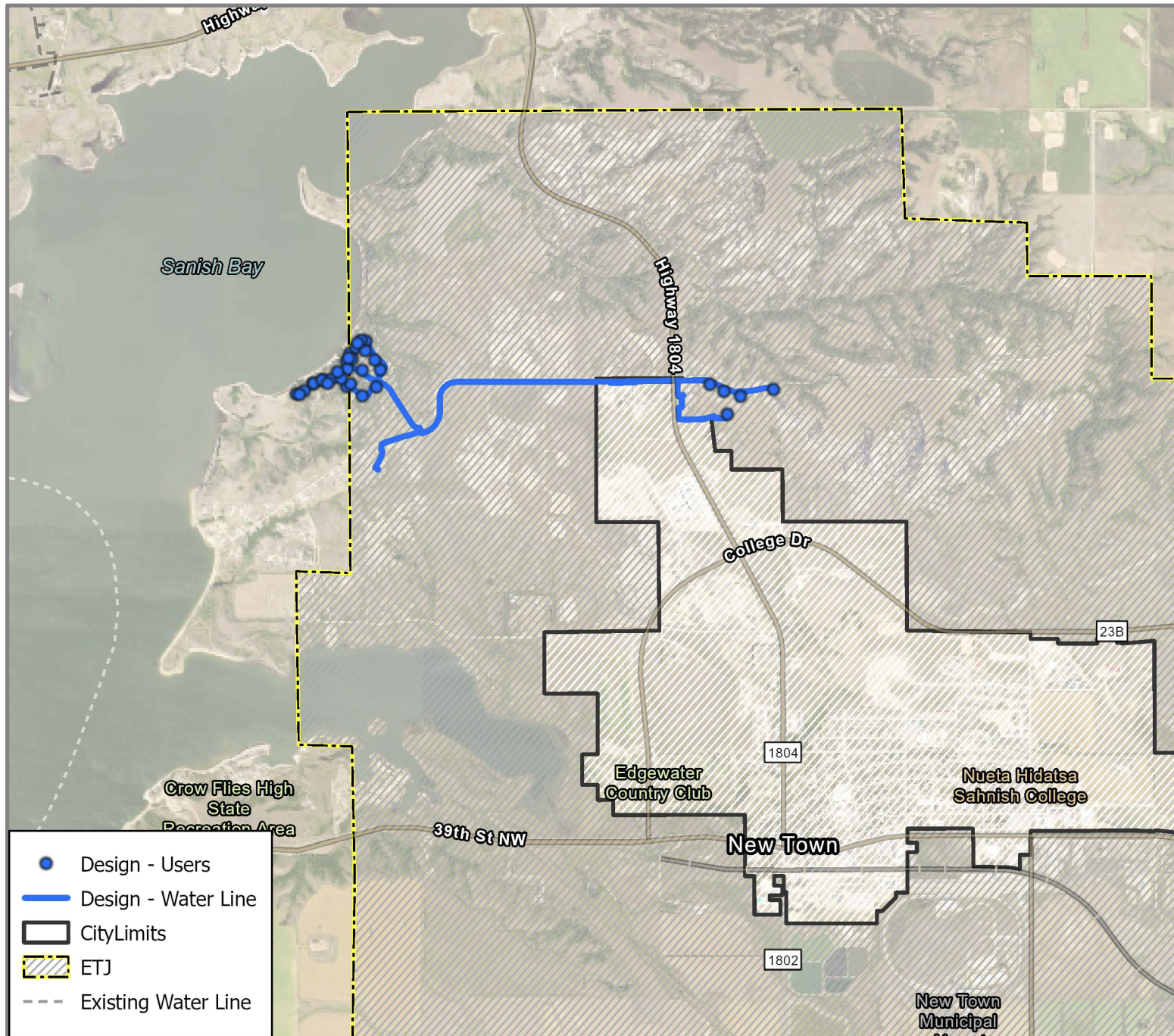
Date: 6/29/2026



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 2011 Contiguous USA Albers | Edited by: GOLson | W:\W\WAWSA\10670-2024-009\GIS\10670-2024-009 Stanley Part II Alt II & LKB - Engineering Staff - Sophia.aprx |

NDDWR_Cost_Share_AppB



Locator Map Not to Scale

Williams &
Mountrail County, ND

Item B2

STANLEY PART II ALT II & LITTLE KNIFE BAY

NEW TOWN ETJ SERVICES DETAIL

WAWSA - R&T WD

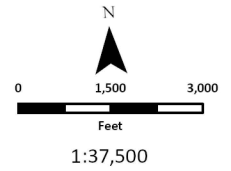
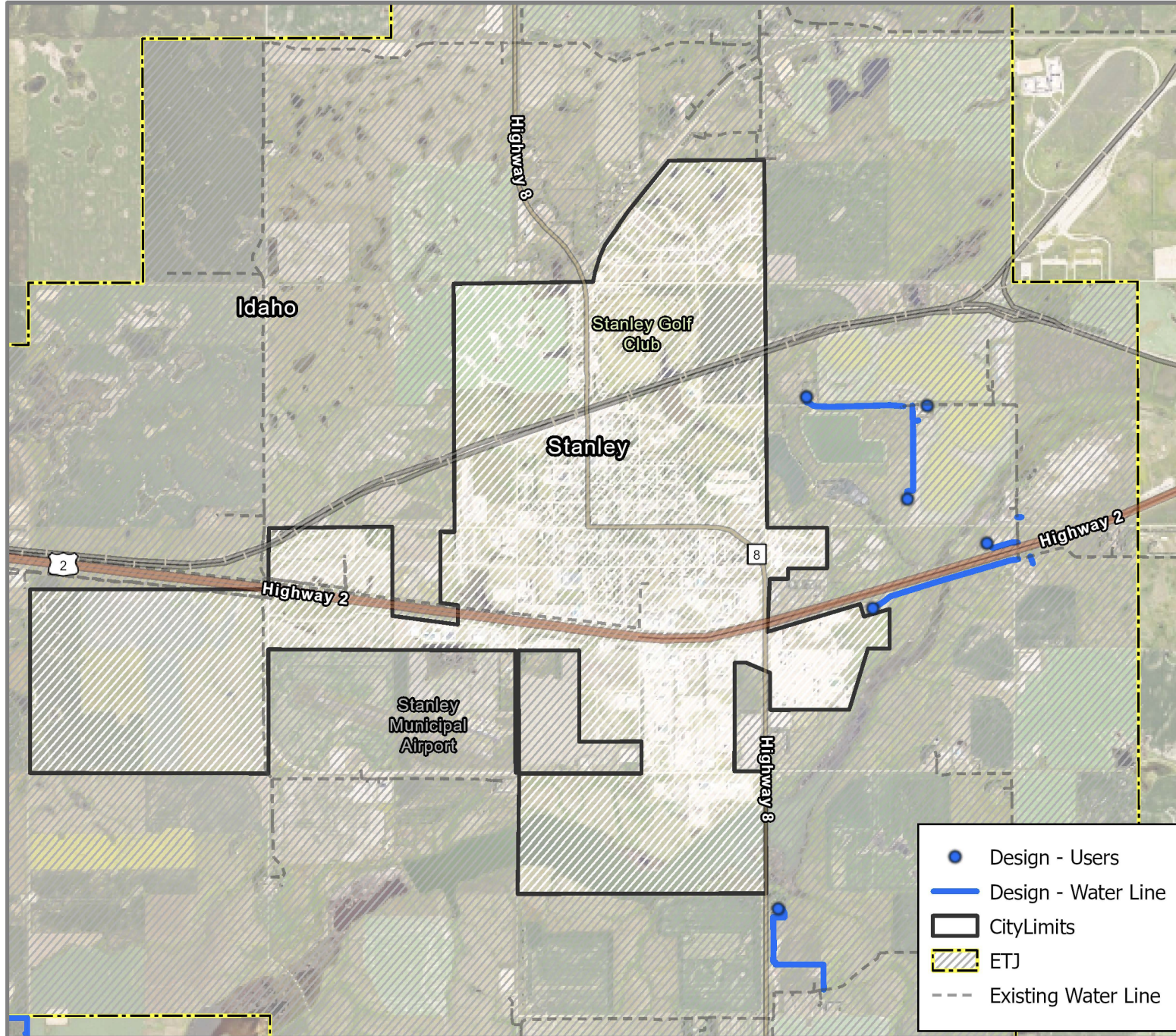
Date: 6/29/2026



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 2011 Contiguous USA Albers | Edited by: GOLson | W:\W\WAWSA\10670-2024-009\GIS\10670-2024-009 Stanley Part II Alt II & LKB - Engineering Staff - Sophia.aprx |

NDDWR_Cost_Share_AppB_Detail



Locator Map Not to Scale

Williams &
Mountrail County, ND

Item B3

STANLEY PART II ALT II & LITTLE KNIFE BAY

STANLEY ETJ SERVICES DETAIL

WAWSA - R&T WD

Date: 6/29/2026



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Coordinate System: NAD 1983 2011 Contiguous USA Albers | Edited by: GOLson | W:\W\WAWSA\10670-2024-009\GIS\10670-2024-009 Stanley Part II Alt II & LKB - Engineering Staff - Sophia.aprx |

NDDWR_Cost_Share_AppB_Detail



DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

DWR Date Received :

Date :	6/29/26
Project :	WAWSA R&T WD Stanley Part II Alt II & Little Knife Bay
Sponsor :	Western Area Water Supply Authority
Contact :	Chris Barke, Executive Director
Phone :	701-774-6605
Engineer :	Cory Chome, PE, AE2S
Phone :	701-221-0530

Total Cost :	\$ 7,953,057.50	Total Cost-Share* :	\$ 5,907,793.13
Ineligible Cost :	\$ 76,000.00	Other Eligible:	\$ -
Eligible Cost :	\$ 7,877,057.50	Preconstruction :	\$ 434,250.00
Local Cost :	\$ 2,045,264.38	Construction :	\$ 5,473,543.13

Project Type:	Cost-share %
Water Supply - Rural	75%

		Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs								
Item	% of Cost							
1	0.0%		0		-	\$ -	75%	\$ -
2	0.0%		0		-	\$ -	75%	\$ -
3	0.0%		0		-	\$ -	75%	\$ -
4	0.0%		0		-	\$ -	75%	\$ -
5	0.0%		0		-	\$ -	75%	\$ -
	0.0%	Other Eligible Total				\$ -	75%	\$ -
Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	0.9%	Preliminary Design	1	NA	69,000.00	\$ 69,000.00	75%	\$ 51,750.00
7	4.5%	Final Design	1	NA	356,000.00	\$ 356,000.00	75%	\$ 267,000.00
8	0.2%	Bidding / Negotiations	1	NA	19,000.00	\$ 19,000.00	75%	\$ 14,250.00
9	1.7%	Archeological Study	1	NA	135,000.00	\$ 135,000.00	75%	\$ 101,250.00
10	0.0%				-	\$ -	75%	\$ -
	7.3%	Preconstruction Total				\$ 579,000.00	75%	\$ 434,250.00
Construction Engineering Costs								
11	2.3%	Construction Contract Management	1	NA	181,000.00	\$ 181,000.00	75%	\$ 135,750.00
12	6.1%	Project Inspection	1	NA	482,000.00	\$ 482,000.00	75%	\$ 361,500.00
13	0.4%	Post-Construction / Warranty	1	NA	33,000.00	\$ 33,000.00	75%	\$ 24,750.00
14	0.1%	I&C System Services	1	NA	5,000.00	\$ 5,000.00	75%	\$ 3,750.00
	8.8%	Construction Engineering Total				\$ 701,000.00	75%	\$ 525,750.00
Construction Costs								
15	8.8%	Mobilization	1	LS	700,000.00	\$ 700,000.00	75%	\$ 525,000.00
16	1.6%	Bonding	1	LS	125,000.00	\$ 125,000.00	75%	\$ 93,750.00
17	0.9%	Insurance	1	LS	70,000.00	\$ 70,000.00	75%	\$ 52,500.00
18	25.8%	Water Main 2 in	195350	LF	10.50	\$ 2,051,175.00	75%	\$ 1,538,381.25
19	0.9%	Water Main 3 in	5500	LF	12.50	\$ 68,750.00	75%	\$ 51,562.50
20	30.2%	Boring - Non-Cased	77400	LF	31.00	\$ 2,399,400.00	75%	\$ 1,799,550.00
21	3.2%	Meter - Frost Free	44	EA	5,750.00	\$ 253,000.00	75%	\$ 189,750.00
22	2.2%	Pipeline Appurtenances	1	LS	175,000.00	\$ 175,000.00	75%	\$ 131,250.00
23	1.9%	Oil/Gas/Saltwater Line Verification	155	EA	1,000.00	\$ 155,000.00	75%	\$ 116,250.00
24	0.0%		0		-	\$ -	75%	\$ -
25	0.0%		0		-	\$ -	75%	\$ -
26	0.0%		0		-	\$ -	75%	\$ -
27	0.0%		0		-	\$ -	75%	\$ -
28	0.0%		0		-	\$ -	75%	\$ -
29	0.0%		0		-	\$ -	75%	\$ -
30	0.0%		0		-	\$ -	75%	\$ -
31	0.0%		0		-	\$ -	75%	\$ -
32	0.0%		0		-	\$ -	75%	\$ -
33	0.0%		0		-	\$ -	75%	\$ -
34	0.0%		0		-	\$ -	75%	\$ -
35	0.0%		0		-	\$ -	75%	\$ -
36	0.0%		0		-	\$ -	75%	\$ -
		Construction Sub-Total				\$ 5,997,325.00	75%	\$ 4,497,993.75
	7.5%	Allowable Contingency (10%)				\$ 599,732.50	75%	\$ 449,799.38
	0.0%	Elective Contingency Reduction	0		-	\$ -	75%	\$ -
	82.9%	Construction Total				\$ 6,597,057.50	75%	\$ 4,947,793.13
Eligible Preconstruction						\$ 579,000.00	75%	\$ 434,250.00
Eligible Construction						\$ 7,298,057.50	75%	\$ 5,473,543.13
Eligible Total						\$ 7,877,057.50	75%	\$ 5,907,793.13
Ineligible Preconstruction Costs								
37	0.2%	Administrative Services/Support Services	1	LS	12,500.00	\$ 12,500.00	0%	\$ -
38	0.2%	Legal Expenses	1	LS	12,500.00	\$ 12,500.00	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.3%	Preconstruction Ineligible Total				\$ 25,000.00	0%	\$ -
Ineligible Construction Costs								
41	0.6%	Crop Damages	1	LS	51,000.00	\$ 51,000.00	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
	0.6%	Construction Ineligible Total				\$ 51,000.00	0%	\$ -
Ineligible Total						\$ 76,000.00	0%	\$ -
Project Total						\$ 7,953,057.50		
Federal or State Funds That Supplant Costs						\$ -		
Eligible Cost Total						\$ 7,877,057.50	75%	\$ 5,907,793.13

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

DWR Date Received :

Date :	6/29/26
Project :	WAWSA R&T WD Stanley Part II Alt II & Little Knife Bay
Sponsor :	Western Area Water Supply Authority
Contact :	Chris Barke, Executive Director
Phone :	701-774-6605
Engineer :	Cory Chome, PE, AE2S
Phone :	701-221-0530

Total Cost :	\$ 3,150,337.50	Total Cost-Share* :	\$ 1,875,802.50
Ineligible Cost :	\$ 24,000.00	Other Eligible :	\$ -
Eligible Cost :	\$ 3,126,337.50	Preconstruction :	\$ 212,400.00
Local Cost :	\$ 1,274,535.00	Construction :	\$ 1,663,402.50

Project Type:	Cost-share %
Water Supply - Rural Expansion into ETA	60%

		Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs								
Item	% of Cost							
1	0.0%		0		-	\$ -	60%	\$ -
2	0.0%		0		-	\$ -	60%	\$ -
3	0.0%		0		-	\$ -	60%	\$ -
4	0.0%		0		-	\$ -	60%	\$ -
5	0.0%		0		-	\$ -	60%	\$ -
	0.0%	Other Eligible Total				\$ -	60%	\$ -
Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	1.7%	Preliminary Design	1	NA	55,000.00	\$ 55,000.00	60%	\$ 33,000.00
7	5.1%	Final Design	1	NA	160,000.00	\$ 160,000.00	60%	\$ 96,000.00
8	0.6%	Bidding / Negotiations	1	NA	19,000.00	\$ 19,000	60%	\$ 11,400.00
9	1.4%	Archeological Study	1	NA	45,000.00	\$ 45,000.00	60%	\$ 27,000.00
10	2.4%	USACE Permitting	1	NA	75,000.00	\$ 75,000.00	60%	\$ 45,000.00
	11.2%	Preconstruction Total				\$ 354,000.00	60%	\$ 212,400.00
Construction Engineering Costs								
11	2.1%	Construction Contract Management	1	NA	65,000.00	\$ 65,000.00	60%	\$ 39,000.00
12	6.3%	Project Inspection	1	NA	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
13	0.5%	Post-Construction / Warranty	1	NA	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
14	0.5%	I&C System Services	1	NA	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
	9.4%	Construction Engineering Total				\$ 295,000	60%	\$ 177,000.00
Construction Costs								
15	9.5%	Mobilization	1	LS	300,000.00	\$ 300,000.00	60%	\$ 180,000.00
16	2.4%	Bonding	1	LS	75,000.00	\$ 75,000.00	60%	\$ 45,000.00
17	1.0%	Insurance	1	LS	30,000.00	\$ 30,000.00	60%	\$ 18,000.00
18	6.0%	Water Main 2 in	18000	LF	10.50	\$ 189,000.00	60%	\$ 113,400.00
19	1.6%	Water Main 4 in	3500	LF	14.50	\$ 50,750.00	60%	\$ 30,450.00
20	7.6%	Water Main 6 in	11300	LF	21.25	\$ 240,125.00	60%	\$ 144,075.00
21	16.0%	Boring - Non-Cased	16250	LF	31.00	\$ 503,750.00	60%	\$ 302,250.00
22	19.0%	Pump Station	1	EA	600,000.00	\$ 600,000.00	60%	\$ 360,000.00
23	6.9%	Meter - Frost Free	38	EA	5,750.00	\$ 218,500.00	60%	\$ 131,100.00
24	0.8%	Pipeline Appurtenances	1	LS	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
25	0.6%	Oil/Gas/Saltwater Line Verification	20	EA	1,000.00	\$ 20,000.00	60%	\$ 12,000.00
26	0.0%		0		-	\$ -	60%	\$ -
27	0.0%		0		-	\$ -	60%	\$ -
28	0.0%		0		-	\$ -	60%	\$ -
29	0.0%		0		-	\$ -	60%	\$ -
30	0.0%		0		-	\$ -	60%	\$ -
31	0.0%		0		-	\$ -	60%	\$ -
32	0.0%		0		-	\$ -	60%	\$ -
33	0.0%		0		-	\$ -	60%	\$ -
34	0.0%		0		-	\$ -	60%	\$ -
35	0.0%		0		-	\$ -	60%	\$ -
36	0.0%		0		-	\$ -	60%	\$ -
		Construction Sub-Total				\$ 2,252,125.00	60%	\$ 1,351,275.00
	7.1%	Allowable Contingency (10%)				\$ 225,212.50	60%	\$ 135,127.50
	0.0%	Elective Contingency Reduction	0		-	\$ -	60%	\$ -
	78.6%	Construction Total				\$ 2,477,337.50	60%	\$ 1,486,402.50
Eligible Preconstruction						\$ 354,000.00	60%	\$ 212,400.00
Eligible Construction						\$ 2,772,337.50	60%	\$ 1,663,402.50
Eligible Total						\$ 3,126,337.50	60%	\$ 1,875,802.50
Ineligible Preconstruction Costs								
37	0.2%	Administrative Services/Support Services	1	LS	7,500.00	\$ 7,500	0%	\$ -
38	0.2%	Legal Expenses	1	LS	7,500.00	\$ 7,500	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.5%	Preconstruction Ineligible Total				\$ 15,000	0%	\$ -
Ineligible Construction Costs								
41	0.3%	Crop Damages	1	LS	9,000.00	\$ 9,000.00	0%	\$ -
42	0.0%		0		-	\$ -	0%	\$ -
43	0.0%		0		-	\$ -	0%	\$ -
44	0.0%		0		-	\$ -	0%	\$ -
	0.3%	Construction Ineligible Total				\$ 9,000.00	0%	\$ -
Ineligible Total						\$ 24,000.00	0%	\$ -
Project Total						\$ 3,150,337.50		
Federal or State Funds That Supplant Costs						\$ -		
Eligible Cost Total						\$ 3,126,337.50	60%	\$ 1,875,802.50

* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

Life Cycle Cost Analysis Review

Sponsor:

Western Area Water Supply Authority

Project Title:

R&T WD Stanley Part II Alt II & Little Knife Bay

Date:

July 1, 2026

Explanation of Alternatives:

Stanley Part II Alt II & Little Knife Bay - Preferred Alternative: 62 miles of rural distribution pipeline is installed to meet growing demand and serve 38 rural users within ETJs of New Town and Stanley, and 44 rural users across Williams and Mountrail Counties. A bulk meter & booster pump station are installed to connect to the City of New Town and serve the Little Knife Bay Cabin Area.

Do Nothing Alternative: No water services are provided to 82 users signed up for the project and individuals continue source water through different means.

Stanley Part II Alt II & Little Knife Bay - Rural Only & No Bulk Connection: Rural installation as described in the preferred alternative is completed without the bulk connection to New Town. An additional 9.0 miles of 6 inch mainline is installed to total 71 miles of rural distribution pipeline serve the 82 users.

Inputs:

New Connections Served	82
Future Connections Served	25
Current Connections Served	0
Net Connections (New + Current)	82

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

	Stanley Part II Alt II & Little Knife Bay - Preferred Alternative	Do Nothing Alternative	Stanley Part II Alt II & Little Knife Bay - Rural Only & No Bulk Connection to City of New Town	-
Construction Costs RURAL	\$7,953,058		\$8,500,436	
Construction Cost ETA	\$3,150,338	\$0	\$3,367,163	\$0
Total Construction Cost	\$11,103,395	\$0	\$11,867,599	\$0
Annual O & M	\$12,500	\$0	\$7,500	\$0

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

	Stanley Part II Alt II & Little Knife Bay - Preferred Alternative	Do Nothing Alternative	Stanley Part II Alt II & Little Knife Bay - Rural Only & No Bulk Connection to City of New Town	-
Present Value				
Capital Costs	\$10,929,000	\$0	\$11,681,000	\$0
O&M	\$292,000	\$0	\$176,000	\$0
Repair, Rehab, Replacement	\$2,549,000	\$0	\$1,547,000	\$0
Salvage Value	\$301,000	\$0	\$328,000	\$0
Total PVC	\$13,469,000	\$0	\$13,076,000	\$0
	Rural	\$9,562,990		
	ETA	\$3,906,010		
PV Cost Per User	\$164,256	\$0	\$159,463	\$0
Construction Cost Per User	\$135,407		\$144,727	

Current Water Rate (Cost Per 5000g)	\$96
Comparable Water Rate	\$84
Net Connections (New + Current)	82
Cost-Share Percent RURAL	75%
Local Share	\$2,390,748
Other Funding	\$0
Cost-Share Percent ETA	60%
Local Share	\$1,562,404
Other Funding	\$0
Total Local Share	\$3,953,152
Payment Per User With Cost-Share	\$243.88
Without Cost Share	
Local Share	\$10,929,000
Other Funding	\$0
Total Local	\$10,929,000
Payment Per User Without Cost-Share	\$674.24

Explanation of Results:

The preferred alternative installs 62 miles of pipeline and constructs a bulk meter and booster pump station. Present value cost per user is \$164,256 and construction cost per user is \$135,407. The monthly cost with DWR cost-share participation is \$243.88 and \$674.24 per user 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.



June 30, 2026

Mr. Reice Haase, Director
North Dakota Department of Water Resources
900 E Boulevard Ave #770
Bismarck ND 58505-0850

**Re: Western Area Water Supply Authority (WAWSA)
R&T Water District (R&T WD)
Stanley Part II Alt II & Little Knife Bay Project
Pre-Construction Cost Share Request**

Dear Mr. Haase:

Over the past decade, WAWSA and its member entities have successfully used North Dakota Department of Water Resources (DWR) cost share funding to bring rural water service to over 4,300 new rural customers and to a majority of the Cities throughout northwestern North Dakota. WAWSA, in cooperation with the R&T WD, continues working to expand rural service in Mountrail County through an expansion project that would bring water service to 82 new service locations, including the Little Knife Bay Cottage Area north of New Town.

The costs for the project are estimated at \$11,103,395.00 with a 10% contingency as provided in the detailed cost estimate. **Currently, WAWSA is requesting approval of eligible pre-construction project costs equal to \$646,650.00. This cost is further broken into a 60% cost share of \$212,400.00 and a 75% cost share of \$434,250.00**

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,

A handwritten signature in blue ink that reads "Chris Barke". The signature is fluid and cursive, with the first name "Chris" and last name "Barke" clearly distinguishable.

Chris Barke, Executive Director
WAWSA

**Western Area Water Supply Authority
Board of Directors Meeting
WAWSA Office June 18, 2026**

Attendees

Members Present: Doug Anderson, also voting for Gary Rust, Kent Bickler, Raoul Brandt, Ellis Haake, Robert Harms, Ward Koeser, Larry Novak, and Chris Brostuen

Members Present via Vido: Matt Beard

Members Absent: Gary Rust

Others Present: Chris Barke (WAWSA), Char Imsland (WAWSA), Dave Bell (WAWSA), Weston McGruder (AE2S), Cory Chorne (AE2S), Grant Meyer (AE2S), Curt Clarys (City of Williston), Kenny Bergstrom (City of Williston), Taylor Galeazzo (MCWRD), Ben Lokken (R&T), Dawn Viall (R&T), Jarrett Hillius (HDR), Jaron Smith (HDR), Cheryl McNeil (WAWSA) via video, Mark Von Wald (Accelerated Consulting) via video, Dustin Schultz (AE2S) via video.

Meeting Called to Order

Chairman Brostuen called the meeting to order at 9:00 am.

Approval of the Agenda

Brostuen presented the agenda for approval. He added item 2b. Williston/Trenton Connection under the Executive Director's report. **Anderson moved to approve the agenda as amended, Haake seconded.**

MOTION CARRIED UNANIMOUSLY BY VOICE VOTE.

Approval of the Minutes

The May 21, 2026, board meeting minutes were presented for approval. Novak pointed out a spelling error under the SWC update. **Koeser moved to approve the minutes as amended, Harms seconded.**

Aye: Anderson, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 8-0

Financial Reports

The Domestic and Industrial financial reports were presented to the board for their consideration and discussion.

The May capital accounting report was also presented to the board for their consideration and discussion.

Public Comment Period

No public comments were presented.

Executive Director's Report

Barke provided the board with an update on WAWSA's water usage and system updates.

Barke reported that the State Water Commission is hosting the Upper Missouri River Basin meeting at the Rough Rider Center in Watford City on July 15, 2026.

Williston/Trenton Connection

Barke reported that the City of Williston and NWRWD reached an agreement on the Williston/Trenton connection. It was agreed that a connection would be made adjacent to the current TWUC infrastructure and the WAWSA 36" transmission line. **Anderson moved to approve the City of Williston's connection request to the 36" WAWSA transmission line, contingent upon approval of the NWRWD and the City of Williston agreement.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 9-0

State Water Commission Update

Barke reported that the State Water Commission approved two of WAWSA's projects at their June 9, 2026, meeting. Approved were the WAWSA cellular telemetry SCADA project with a total project cost of \$137,500 and a 75% cost share of \$74,250, and the WTP Intake Phase II for additional funding of \$515,000 and a 75% cost share of \$386,250.

HDR Pre-Sedimentation and Sampling Tech Memo

HDR presented to the board on sediment sampling completed in the last year and the overall analysis of the existing pre-treatment superstructure. They presented the following recommendations to help alleviate the sediment issues at the Williston WTP:

1. Lime pond reuse - \$33,949,000
2. Modify the existing basins - \$2,989,000
3. A forced vortex system - \$13,120,000
4. A combination of alternatives 2 and 3 - \$14,446,000

AE2S Reports

McGruder provided the board with the construction project updates.

WAWSA Cellular Telemetry Upgrades – TO 93

McGruder presented a task order agreement for \$137,500 for the WAWSA Cellular Telemetry Upgrades – TO 93 project. The task order includes professional services to perform site cellular surveys, installation and programming of cellular modem on private cellular networks, installation of antenna, polyhaser, and cabling, setup and programming of NetCloud user interface, and procurement of cellular modems, cabling, and hardware. **Novak moved to approve the task order agreement for \$137,500 for the WAWSA Cellular Telemetry Upgrades – TO 93 project, Bickler seconded.**

Aye: Anderson, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 8-0

R&T Stanley Part II & Little Knife Bay Project

McGruder presented the board with a SWC cost share request letter for the R&T Stanley Part II & Little Knife Bay project. The total project cost is \$11,103,395, and WAWSA would be requesting 75% cost share equal to \$933,000. **Harms moved to approve the SWC funding request letter for the R&T Stanley Part II & Little Knife Bay project, Haake seconded.**

Aye: Anderson, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 8-0

Invoices for Payment

The MCWRD Phase II Transmission Main – TO 88, System II Expansion – TO 90, and the NWRWD Trenton Rural Distribution – TO 85 invoices for engineering and construction for the month have a combined total of \$275,879.11.

SWC Grant Requests

SWC \$13.5M grant request 31-061826, SWC \$9.7M grant request 15-061826, SWC \$8M grant request 26-061826, SWC \$2M grant request 09-061826, SWC \$14M grant request 12-061826, and SWC \$1M grant request 07-061826 were presented to the board for their approval. **Koeser moved to approve the SWC monthly grant requests as presented, Novak seconded.**

Aye: Anderson, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 8-0

Brostuen adjourned the meeting at 11:16 am.

Chris Brostuen, Chairman

Char Imsland, Secretary

MEMORANDUM

TO: Governor Kelly Armstrong
State Water Commission
CC: Director Reice Haase
FROM: Matthew Sagsveen, Assistant Attorney General
SUBJECT: State Water Commission Litigation Update
DATE: July 28, 2026 (for August 18, 2026 meeting)

STATE WATER COMMISSION LITIGATION

NA

Other cases of interest

State of West Virginia, et al., v. U.S. Environmental Protection Agency, et al. (“Wotus”)

The original ND WOTUS case relating to the Obama WOTUS rule was dismissed. North Dakota brought a new case over a new WOTUS rules, aka the Biden WOTUS Rule, in conjunction with several other states, including West Virginia, Iowa, and Georgia. A Preliminary Injunction was granted in North Dakota, so the States are operating under regulations dating back to 1985.

A new amended WOTUS rule was subsequently published, and States amended their complaint on November 13, 2023. The States moved for summary judgment on February 26, 2024. The Court stayed the case at the request of the federal government.

The EPA and the Corps announced a new proposed WOTUS rule on November 17, 2025. The period for public comment ended on January 5, 2026.

The parties filed a Joint Status Report with the Court on May 29, 2026. In their Report, the parties informed the Court that the federal agencies are in the process of reviewing comments on the proposed federal rule, and that the stay in the case should continue.

No change as of July 28, 2026. The next Status Report is due by August 3, 2026.

MHA Litigation – In 2020, the Mandan, Hidatsa, and Arika Nation (“MHA Nation”), filed a lawsuit against the U.S. Department of the Interior (“DOI”), challenging an opinion issued by then-Solicitor of the DOI, Daniel Jorjani in May 2020. The Jorjani Opinion, M-37056, which replaced and superseded certain prior opinions, concluded that the State of North Dakota is the legal owner of submerged lands beneath the Missouri River where the River flows through the Fort Berthold Indian Reservation, i.e. lands in dispute or Riverbed. The MHA Nation filed a Motion for Preliminary Injunction, and North Dakota moved to intervene in the case.

While the MHA Nation’s Motion for Preliminary Injunction was pending, there was a change of administrations. In early 2021 the incoming Department of Interior issued a new opinion, M-37073, which withdrew the Jorjani opinion, M-37056. The new M-Opinion rendered certain counts in the MHA Nation’s complaint as moot.

The Federal Defendants subsequently took steps to record title to the lands in dispute, and the MHA Nation and Federal Defendants moved forward to address the MHA Nation’s claim for an accounting

and the status of the existing oil and gas leases. The State of North Dakota intervened in the remaining claims to seek to enforce its claimed ownership rights in the Riverbed.

Ultimately, the Federal Defendants were permitted to amend their answer to add a crossclaim seeking to quiet title to the Riverbed in favor of plaintiff MHA Nation, and the MHA Nation intervened in the crossclaim. The MHA Nation and Federal Defendants filed dispositive motions, which were both denied by the Court. In February 2026, the federal district court scheduled the case for trial in September 2026.

On March 12, 2026, the Solicitor for the Department of the Interior issued a new Opinion, M-37088, permanently withdrawing Opinion M-37073, and reinstating Opinion M-37056. The Solicitor concluded that the “legal conclusions reached [in Opinion M-37073] do not decisively establish that the status of ownership of the mineral rights below the Riverbed are held in trust for the MHA Nation. For the reasons detailed in Solicitor’s Opinion M-37056, I conclude the better interpretation of applicable law is that the original Riverbed, and its underlying minerals where the Missouri River flows through the Fort Berthold Indian Reservation, passed to the State upon its admission to the Union under the Equal Footing Doctrine, and are not held in trust for the MHA Nation.”

On March 13, 2026, the Federal Defendants informed the federal district court that its litigation position had not changed, and they were evaluating the impact that Opinion M-37088 may have on the litigation.

On May 21, 2026, the Federal Defendants informed the Court that “[i]n light of the change of position by the Department of the Interior, the United States will move to dismiss its crossclaim [which sought to quiet title to the Riverbed in favor of plaintiff MHA Nation]. . . .”

On May 28, the parties filed a new status report with the court outlining a briefing schedule for the United States’ Motion to Dismiss, and the parties’ positions on the Motion.

On July 24, the Court issued an order granting MHA’s Motion to Amend its Complaint. The Court’s Order provides:

Mandan Nation seeks leave to amend its complaint to reassert the claims that were previously dismissed as moot: Counts I, II, and IV(a). The proposed amended complaint amends Counts I and II to challenge both the Jorjani and Doffermyre Opinions, adds a request for declaratory relief to Count IV, and modifies Count IV(a) to include a request for relief related to existing records. North Dakota did not take a position on the motion for leave to amend. Federal Defendants do not oppose the motion but stated that they do not concede the "justiciability of the claims" and they preserve all defenses to the claims in the amended complaint. But federal defendants also suggest "those issues are best addressed through a motion to dismiss or in summary judgment briefing," and that the Court's resolution of Mandan Nation's quiet title claim against North Dakota at trial later this year could impact, or obviate, the need for any further litigation on the proposed amended complaint. [164 at 2]. Mandan Nation agrees that "from a scheduling perspective, it would be preferable and efficient to resolve Federal Defendants defenses to the amended complaint after the quiet title issue is resolved."

The Court also granted the Federal Defendants' Motion to Dismiss its Quiet Title Crossclaim.

Federal Emergency Management Agency National Flood Insurance Program – Risk Rating 2.0 – State Plaintiffs, including North Dakota, filed a lawsuit against the various Federal Defendants, including FEMA, on June 1, 2023. The suit challenges the constitutional, statutory, and procedural validity of FEMA's price methodology known as "Risk Rating 2.0." The Plaintiffs alleged Risk Rating 2.0 fundamentally changes how FEMA calculates rates for federal flood insurance and is producing alarming results. In the nine-count Complaint, Plaintiffs assert Risk Rating 2.0 is (1) contrary to law in four different ways; (2) arbitrary and capricious for failing to account for important aspects of the problem and considering other inappropriate factors; (3) arbitrary and capricious for failure to consider reliance interests; (4) arbitrary and capricious for departing from prior policy without sufficient justification; (5) arbitrary and capricious because it rests on pretextual bases; (6) in violation of the APA's notice-and-comment requirement; (7) in excess of FEMA's statutory authority; (8) contrary to a constitutional right; and (9) in violation of the National Environmental Policy Act ("NEPA"). Plaintiffs are asking the Court to declare and hold that Risk Rating 2.0 is unlawful and to preliminarily and permanently enjoin Defendants from imposing Risk Rating 2.0.

Briefing in the case continues.

MEMORANDUM

TO: Governor Kelly Armstrong
State Water Commission
CC: Director Reice Haase
FROM: Matthew Sagsveen, Assistant Attorney General
SUBJECT: Department of Water Resources (DWR) Litigation Update
DATE: July 28, 2026 (for August 18, 2026 meeting)

DEPARTMENT OF WATER RESOURCES (DWR) LITIGATION

Case: **Whiting Oil and Gas Corporation v. Arlen A. Dean, et. al. (27-2016-CV-00040)**
Date Filed: January 25, 2016
Court: McKenzie County District Court
Judge: Robin Schmidt
Attorney: Matthew Sagsveen (OSE)
James Wald (Land Board)
Opposing
Counsel: **Paul Forster, Kevin Chapman, Bruce Selinger, Peter Morowski, Lawrence Bender, Shane Hanson, Josh Swanson, Numerous pro se defendants**

CONSOLIDATED WITH

Case: **State of N.D. ex. rel. N.D. State Engineer v. Leland, et al. (27-2019-CV-00312)**
Date Filed: July 10, 2019
Court: McKenzie County District Court
Judge: Robin Schmidt
Attorney: Matthew Sagsveen (OSE)
Opposing
Counsel: Kevin Chapman, Ari Johnson

Issues: Whiting filed an interpleader action for lands underlying a spacing unit located near the Montana border for which the Yellowstone River runs through. Whiting was requesting that the Court determine ownership of certain property interests for the spacing unit so that Whiting could correctly distribute the royalties from an oil well located in the unit. Specifically, there are islands contained within the river for which Whiting was unable to determine ownership.

The State of North Dakota filed a quiet title action in October 2019, seeking to quiet title to three islands in the Yellowstone River and the bed of the River in this segment (collectively the “Disputed Lands”), in the same area questioned by Whiting.

The State District Court bifurcated the case into two phases. The first phase was intended to address issues related to property boundaries and ownership of the Disputed Lands. The following issues were considered by the Court in Phase One:

1) Was the Yellowstone River navigable at statehood; 2) How did the West Bank (Island) form and who owns it; 3) How did the North Island/Melland form and who owns it; 4) How did the South Island/Walker form and who owns it; 5) Are the State's claims barred by laches?

After a 4-day bench trial for Phase 1, the Court made the following conclusions of law: 1) The Yellowstone River segment contained in North Dakota's borders was navigable at Statehood; 2) The Yellowstone River's OHWM as stipulated by the parties is adopted by the court; 3) the West Bank is owned by the State; 4) The North Island is not owned by the State; 5) The South Island is owned by the State; and, 6) The State's claim is not barred by laches.

Phase 2 of the case was intended to address whether the State conveyed any of its interest in the Disputed Lands and resolve all title issues. The Defendant landowners moved for summary judgment in July 2024, arguing the State was estopped from asserting that it owned the West Bank, because the State deeded three riparian lots on the east bank of the Yellowstone River in 1950 through a Special Warranty Deed issued by the State Treasurer. The landowners also argued there were no facts in dispute.

The Special Warranty Deed in question conveyed three riparian lots on the east bank of the Yellowstone River, and expressly stated the conveyance was subject to erosion by the River. The State opposed the Defendants' Motion, arguing that the Deed could not have conveyed the West Bank (Island) because the Yellowstone River was the western boundary of the riparian lots, that much of the lots had eroded into the River at the time of the conveyance, and there was a factual dispute regarding what the deed conveyed.

The District Court granted the Defendant landowners' motion for Summary Judgment, holding that the Special Warranty Deed was unambiguous, and also appearing to hold that the riparian lots extended across the east bank of the Yellowstone River, across the West Bank, and to the North Dakota state line.

The DWR filed a Notice of Appeal with the North Dakota Supreme Court. The DWR is appealing the District Court's holding that the State does not own the "North Island" and that the State conveyed the West Bank through a Special Warranty Deed in 1950. Landowner Norby has filed a Cross-Appeal to appeal the District Court's holding that the West Bank is an island that was owned by the State.

The North Dakota Supreme Court issued an Opinion on May 7, 2026. In its Opinion, the Court affirmed the District Court's holding that the State does not own the North Island, but reversed the District Court's holding that the State does not own the West Bank. Specifically, the Supreme Court held:

The district court's factual finding that the North Island formed by an avulsive change in the course of the river, and not by accretions within the riverbed, is not clearly erroneous. The court did not misapply the law when it determined the State does not own the North Island. The court's factual finding that the West Bank formed as a result of an island attaching to the shore, and not by accretions deposited on the shoreland, is not clearly erroneous. The court erred as a matter of law when it decided the West Bank interests were included in the State's conveyance of government lots located on the other side of the river. The portion of the judgment declaring the State does not own the North Island is affirmed, and the portion of the judgment declaring the State does not own the West Bank is reversed.

Current

Status: The parties continue to work on the wording of the District Court's final judgment.

Case: **In re: Surface Drain Permit Application Nos. 6725 and 6737**

Date Filed: ALJ Designated on October 13, 2025

Court: Office of Administrative Hearings, OAH File Nos. 20250312 and 20250311

Attorney: Matthew Sagsveen, Elizabeth Mayans

Opposing Counsel: ~~Kathleen Garvey (Dakota Resource Council)~~ (DRC Intervention Denied); Carrie La Seur, La Seur Law Firm, Manitoba Eco-Network Inc.; Scott Carlson, Farmers' Legal action Group, Inc. (Caitlin Skye Johns, Dylan Johnson, Madeline Luke).

Issues: The Petitioners are challenging the Department's determination that drain permits are not required for the Herberg and Abercrombie Dairies' planned stormwater discharge system.

OAH held a prehearing conference to set a hearing date and discuss the issues in the case. During the conference, the DWR took the position that a hearing was unnecessary and that the case could be decided by briefs because there were no factual issues that needed to be decided by the administrative law judge. The Petitioners did not agree that there were no disputed factual issues but agreed that the legal issues could be decided through briefing. OAH set July 17, 2026, as the deadline for the DWR to file its dispositive summary judgment brief. The Petitioners submitted their statement of the issues on May 29.

Current

Status: DWR's briefing deadline was moved to August 24, 2026. The parties are working towards a list of stipulated facts prior to the briefing deadline.

Case: **In re: Perfected Water Permit Nos. 1822 & 1898**

Date Filed: ALJ Designated on November 26, 2025

Court: Office of Administrative Hearings, OAH File No. 20250370
Attorney: Matthew Sagsveen, Elizabeth Mayans
Opposing Counsel: Kathleen Garvey (Dakota Resource Council); Scott Carlson, Farmers' legal Action Group, Inc. (Merrill and Stephanie Miranowski; Michael and Cindy Zick; Caitlin Johns and Dylan Johnson; Mary and David Sahl).

Issues: The Petitioners are challenging the Department's approval of the Bulk Water Purchase Agreement between the City of Wahpeton and Southeast Rural Water Users under North Dakota Administrative Code § 89-03-01-01.5. Wahpeton intends to sell water that is available under Water Permit Nos. 1822 and 1898.

The parties are in the process of working through a dispute over the issues to be decided in the case, and the scope of discovery. The Department filed a Motion to Clarify the Issues and to Limit Discovery, because the Petitioners are seeking to expand the scope of the case beyond the Department's limited review and determination under North Dakota Administrative Code § 89-03-01-01.5. The Office of Administrative Hearings has not ruled on DWR's Motion. A hearing on this matter is scheduled for August 12, 2026.

Current Status: **The Department moved to dismiss the case because the Petitioners are not aggrieved by the Department's approval of the Bulk Water Purchase Agreement. We are expecting a decision on the motion before the hearing.**

Case: **In re: Surface Drain Permit Application No. 6229**
Date Filed: ALJ Designated on May 8, 2026
Court: Office of Administrative Hearings, OAH File No. 20260168
Attorney: Matthew Sagsveen, Elizabeth Mayans
Opposing Counsel: Unknown

Issues: The Petitioner, Nelson County Water Resource District, is appealing the Department's denial of Surface Drain Application No. 6229.

The Petitioners have not responded to any communications from the Office of Administrative Hearings, therefore the Department has requested that the Petitioners confirm whether they want to move forward or withdraw their appeal of the Department's denial of Surface Drain Application No. 6229.

Current Status: **The Petitioners' request for hearing and appeal was dismissed because they failed to participate in the adjudicative proceeding.**

Case: **In re: Denial of Jurisdiction over Widmer Subsurface Water Management System Complaint**

Date Filed: ALJ Designated on May 19, 2026
Court: Office of Administrative Hearings, OAH File No. 20260187
Attorney: Matthew Sagsveen, Elizabeth Mayans
Opposing Counsel: Ryan McCamy (Virginia Widmer)

Issues: The Petitioner, Virginia Widmer, is appealing the Department's determination that it does not have jurisdiction over Widmer's subsurface water management system appeal.

A prehearing conference was held on June 16, 2026.

Current Status: **OAH set a dispositive motion deadline for October 2, 2026.**

Case: **In re: Conditional Water Permit Application No. 7366**
Date Filed: ALJ Designated on May 18, 2026
Court: Office of Administrative Hearings, OAH File No. 20260181
Attorney: Matthew Sagsveen, Elizabeth Mayans
Opposing Counsel: Jordon Evert (Daniel Weyrauch), Faye Moe (Pro Se)

Issues: The Petitioners, Daniel Weyrauch and Faye Moe, are requesting a hearing regarding the Department's approval of Conditional Water Permit ("CWP") 7366. Mr. Weyrauch is concerned that withdrawals authorized by CWP 7366 could negatively impact his perfected water permits and Ms. Moe is concerned with downstream water availability.

Current Status: **A prehearing conference was held on July 7, 2026, and a hearing date was set for September 16, 2026.**

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: Devils Lake Update
DATE: July 20, 2026


For Reice Haase

Devils Lake Water Surface Elevation

The Devils Lake water surface elevation as of July 20, 2026, is 1450.5 feet, which is presented in Figure 1. The schematic also shows pertinent elevations such as the overflow elevation, record high lake level elevation, the elevation Devils Lake begins spilling into Stump Lake, and the 1992 lake level which was the low point before its significant rise in the following years. The minimum elevation for operation of the West End Outlet (West Outlet) is approximately 1445.0 feet, and 1446.0 feet for the East End Outlet (East Outlet). All elevations are in NGVD 29 datum.

Devils Lake Downstream Conditions

The sulfate concentration of water samples on the Sheyenne River downstream of Devils Lake are illustrated in Figure 1. The dates shown in Figure 1 represent the last sampling dates.

Hydrologic Conditions

The National Weather Service (NWS) provides forecasts for the Devils Lake water surface elevation, which are based on the operation of the Devils Lake Outlets (Outlets) at a daily average of 350 cubic feet per second (cfs) from May 15 through October 30. The outlook for Devils Lake released on June 26, 2026, indicated a 50-percent chance that the lake will meet or exceed an elevation of 1450.7 feet between June 22, 2026, and September 30, 2026. The peak elevation in 2025 was 1449.7 feet. The next outlook will be released on July 23, 2026.

Outlet Operations

The DWR began operating the Devils Lake West Outlet on May 11 with an initial discharge rate of 100 cfs. Following resolution of an operational issue involving one of the 75 cfs pumps, the discharge rate was increased to 175 cfs on May 13 and remained at that rate until June 28. On June 28, one of the 75 cfs pumps experienced an electrical issue following a thunderstorm, while the other 75 cfs pump was temporarily taken offline to investigate a potential water leakage issue. As a result, the West Outlet discharge was reduced to 100 cfs from June 28 to July 7. After the investigation confirmed that no leakage was present, the pump was returned to service, and the West Outlet discharge was restored to 175 cfs on July 8.

The Devils Lake East Outlet began operation for the 2026 discharge season on May 14 with a discharge rate of 150 cfs and remained at this rate until June 29. On June 29, the discharge was reduced to 75 cfs to comply with downstream water quality constraints. Following the increase in West Outlet discharge on July 8, the East Outlet discharge was increased from 75 cfs to 125 cfs on July 14. The combined discharge from the West and East End Outlets is currently 300 cfs.

DWR remains committed to running the Outlets and will discharge as much water as possible within operating constraints. DWR staff will continue to monitor downstream water quality and quantity conditions.

Devils Lake Outlets Ongoing Projects

Given the scale of Devils Lake infrastructure, each project involves considerable planning, procurement, and coordination within the short maintenance windows available between operational and weather constraints.

(1) Round Lake Pump #4 (West Outlet) Electrical Issue

Following a severe thunderstorm on June 28, several electrical components of one 75 cfs pump at the Round Lake station were damaged. An electrical contractor was contacted immediately and found that the damaged components require replacement. DWR has signed a purchase order with an electrical contractor for the replacement work. The electrical contractor has noted that the lead time for the replacement components is 8-12 weeks.

(2) Round Lake Pump #3 (West Outlet) Issue

One 75 cfs pump at the Round Lake station was diagnosed with an electrical relay issue shortly before the operation season started. The issue was resolved on June 16, 2026. However, when the pump was started on June 17, water was observed near the pump, indicating a potential leak, and the pump was shut down immediately. The site was excavated to identify the source of the potential leakage. After the Pump #3 pipe was exposed, no water leakage was observed, even when Pump #3 resumed operation at 75 cfs on July 8. The excavation remained open for several days to monitor for any signs of leakage before being temporarily backfilled. There is concern that the observed leakage was associated with Pump #4, which remains out of service. The excavation will be permanently backfilled after Pump #4 is restored to service and DWR staff can confirm there is no leakage.

(3) Motor Reconditioning

DWR has signed a contract with Great Plains Technical Services located in Mandan for offsite inspection of the Outlets' motors. Great Plains Technical Services is a qualified motor service shop. This contract will remain in effect through 2032. Josephine Pump #4's motor was reconditioned in 2025 by this contractor prior to DWR executing this contract. DWR plans to have all of the remaining twelve motors inspected offsite on a rotating basis based on their priorities during the winter months. Any issues identified during these inspections will dictate the necessary repairs.

(4) Preventative switchgear maintenance

Preventative maintenance of switchgears at both Outlets was completed in May 2025, which aimed to identify and repair potential electrical issues to ensure smooth future operations. DWR has reviewed the final report and is working with Bartlett & West/AECOM (BW/AECOM), the contracted engineer for the Outlets, to address the findings.

(5) East Outlet pump intake area sedimentation removal

Investigation of options for sedimentation removal around pump #1 at the East Outlet is continuing. Due to the unsuccessful attempts to remove the damaged intake screen by the diving contractor, BW/AECOM was requested to propose options for isolating and dewatering the pump #1 intake bay to allow inspection, and ultimately, repair/replace the damaged intake screen. BW/AECOM has provided a draft plan for installing a bulkhead for pump #1 intake bay isolation. After the review, DWR has requested some design changes to the bulkhead.

(6) Round Lake pump station priming system investigation

Engineering assistance has been utilized to evaluate the pump priming system at the Round Lake pump station. Due to the age of the system, DWR has received a proposal for replacement of the pump priming system from the original manufacturer. After the review, DWR has requested a final quote from the supplier. This replacement project will not impact West Outlet operations in 2026.

(7) West End Outlet flow meter replacement

Flow meters at the West Outlet were replaced in summer of 2024. Throughout the 2025 operation season, two flow meters were found to periodically generate abnormally high readings. DWR has notified the contractor and is working with them to address the findings.

(8) Round Lake intake low water investigation

DWR has finished the preliminary hydraulic modeling, which aims to investigate causes and potential solutions for the Round Lake intake low water issue. The issue stems from inefficient water transfer between Devils Lake and Round Lake. Specifically, water flows from Devils Lake into Round Lake through two openings – one at Old Highway 281 and another at 43rd Street Northeast. These two openings create restrictions to lake water entering the Round Lake pumping bay. The DWR's investigation aims to evaluate the hydraulic capacity of these openings during low lake level conditions to ensure continued West Outlet operation down to its minimum design elevation of 1445 feet. Preliminary alternatives have been identified to improve water conveyance to the pumps during low water situations. Currently, DWR staff is evaluating feasibility, constructability, timing, and permitting considerations for those alternatives.

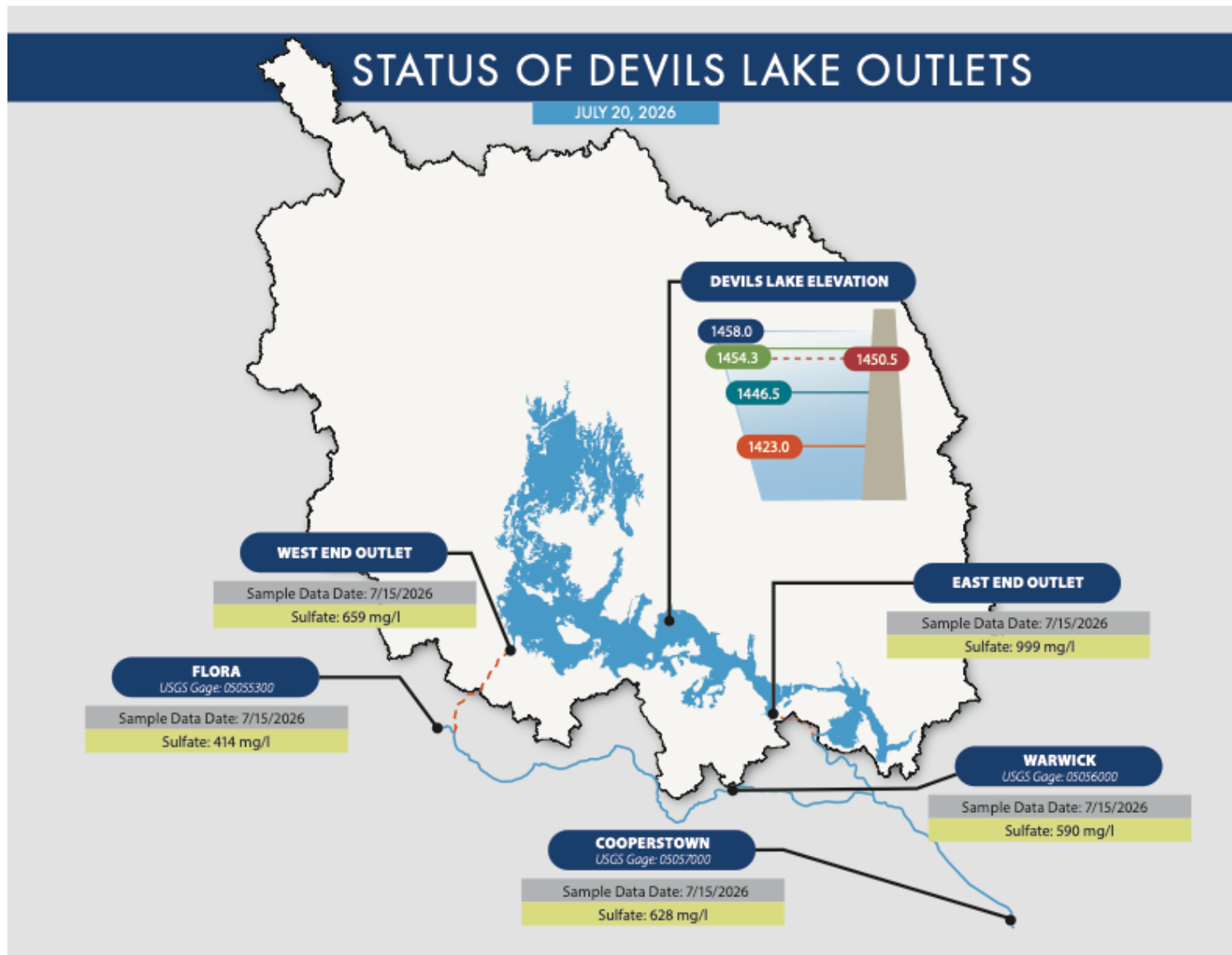


Figure 1. Status of Devils Lake and Downstream Conditions

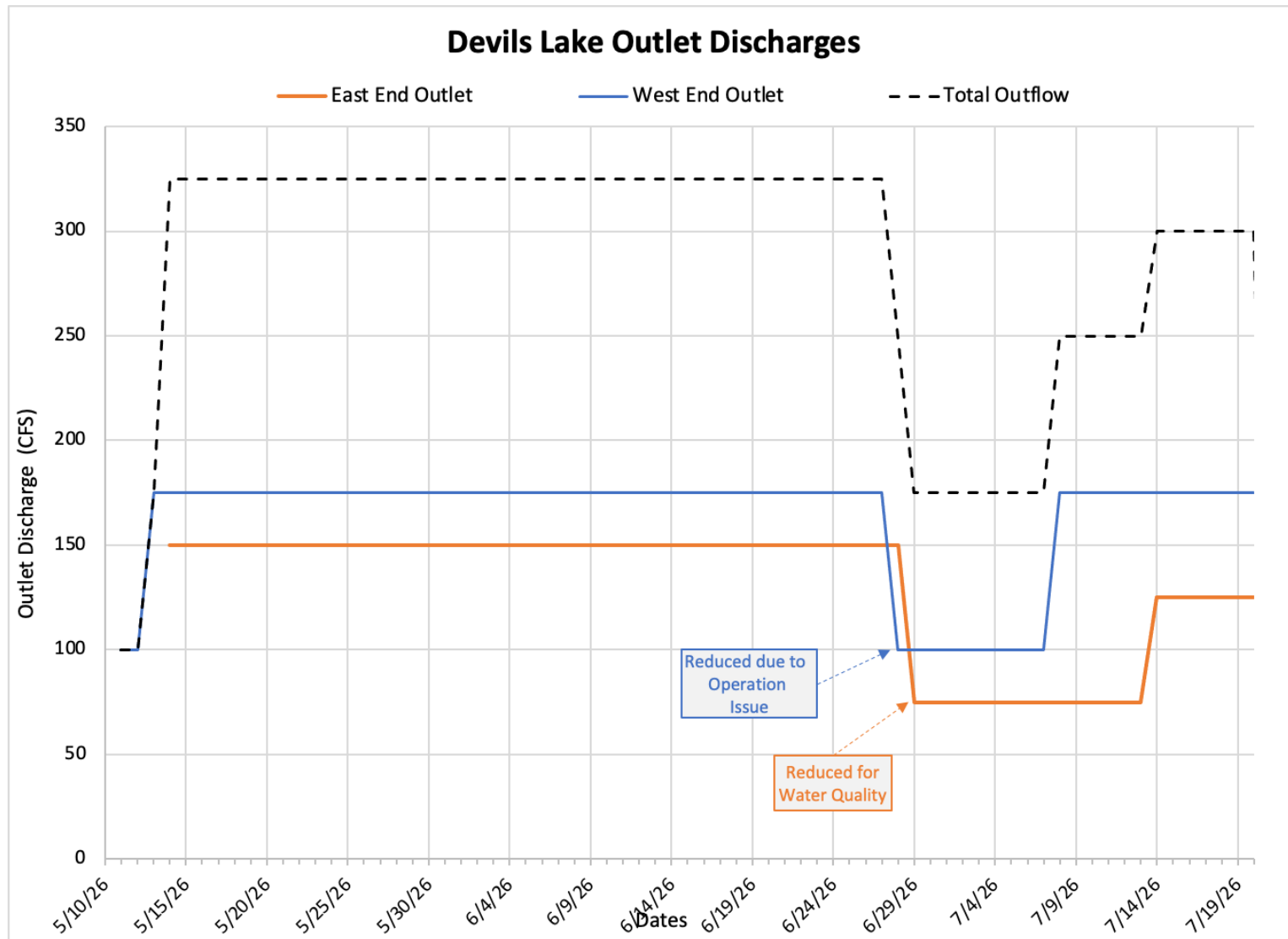


Figure 2. Devils Lake Outlet Operations from May 11 to July 20, 2026

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: Devils Lake Update
DATE: July 20, 2026


For Reice Haase

Red River Basin Background

The Red River flows north from its headwaters in Minnesota, across the Canada-United States international boundary, to its outlet at Lake Winnipeg in Manitoba. It meanders through the flat and fertile valley of the former glacial Lake Agassiz. The Red River Basin (RRB) occupies a very small portion of northeastern South Dakota, substantial portions of North Dakota, northwestern Minnesota, and southern Manitoba. The RRB covers approximately 45,000 square miles, excluding the Assiniboine River basin, which flows into the Red River at Winnipeg. Figure 1 shows the RRB map including the Red River and its main tributaries.

International Red River Watershed Board

On August 4, 2021, the International Red River Watershed Board (IRRWB) was officially designated by the International Joint Commission (IJC) to monitor water quality, water quantity, and aquatic health using an integrative, ecosystem approach for the RRB. The IRRWB consists of four sub committees: aquatic ecosystem health, hydrology, water quality, and outreach and engagement. IRRWB also has an indigenous engagement task team. The IRRWB committee comprises an equal number of representatives from Canada and United States. DWR Director, Reice Haase, is an IRRWB board member. DWR staff are represented on the hydrology committee.

The last IRRWB meeting was held virtually on May 12, 2026. The main items discussed during the meeting were (1) feedback from IJC Spring Semi-Annual Appearances regarding IRRWB activities; (2) forming a Nutrient Task Team to examine nutrient issues in the basin; (3) exploring and defining useful Performance Indicators to help track and report on aquatic ecosystem health in the RRB; and (4) a brief discussion on the current landowner issues along the US-Canadian border.

The next IRRWB meeting will be held in person September 15-17, 2026. The location of the meeting is yet to be determined.

Lower Red Basin Regional Detention Study

In 2019, Red River Basin Commission (RRBC) and U.S. Army Corps of Engineers (USACE) signed an agreement for the Lower Red Basin Regional Detention Study (LRB Regional Study), which was jointly funded by USACE, State Water Commission, Red

River Joint Water Resource District (RRJWRD), and Minnesota Red River Watershed Management Board (MN RRWMB). This LRB Regional Study will analyze the regional benefit provided to the Red River mainstem by distributed storage within the U.S. portion of the RRB, with the goal of attaining a 20-percent peak flow reduction in the mainstem. Several local consulting firms were contracted by the RRJWRD and the MN RRWMB to complete retention studies, including hydrologic and hydraulic modeling, for main tributaries. The USACE will subsequently integrate all the tributary models with the Red River mainstream model to achieve the overall project objectives. Multiple iterative modeling efforts are anticipated to refine the results and meet the established goals.

In 2025, the USACE determined that its allocated funding for the project had been fully expended. In response, the RRBC, in cooperation with a local consulting firm, developed a path forward under which the modeling work would be transitioned from the USACE, completed independently, and then resubmitted to the USACE for final review and approval. In December 2025, the RRBC obtained concurrence from the MN RRWMB and RRJWRD for this approach. The local consulting firms have started the work, but the completion timeline has not yet been finalized.

Pembina Border Road Dike Study

The Pembina River flows from south central Manitoba southeast into North Dakota and confluences with the Red River just south of the international border. In the 1940s, drainage and diking activities within North Dakota were perceived by Manitoba landowners and local governments as increasing flows across the border, prompting the construction of a road dike parallel to, and immediately north of, the international border. The Pembina Road Dike has blocked Pembina River overflows from spreading into Manitoba and consequently, has exacerbated flooding in areas of North Dakota since at least 1944. International cooperation to resolve this issue has been attempted at every level of government over decades.

In 2013, the Premier of Manitoba and Governor of North Dakota both requested that the RRBC initiate the Pembina River Basin Task Team (PRBTT) to identify potential solutions to current flooding conditions. Many potential solutions have been discussed, culminating in December 2024 with the PRBTT report “A Way Forward For Flooding Concerns At The International Border.” The report recommends that an engineering assignment cost shared by Manitoba and North Dakota be commissioned immediately to conduct further investigation and to develop functional and preliminary engineering design for select structural and non-structural alternatives. Alternatives will be evaluated using criteria established by the PRBTT to identify the most viable option or combination of options for addressing flooding issues along the Pembina River in North Dakota, based on how effectively they meet the goals outlined in that report.

Both U.S. and Manitoba have reviewed the report and agreed to proceed with a hydrology and hydraulics study. Manitoba, DWR, and RRBC are consulting with USACE to start the study. USACE is working on developing a statement of work and has secured one-year of funding for this project. Future USACE funding is likely available but not guaranteed currently. A virtual meeting was held among RRBC, USACE, Manitoba representatives,

and DWR staff on April 27, 2026. During the meeting, USACE presented information on the data collection to date, and progress on the modeling. It was noted at the meeting that more effort is needed related to data collection in Manitoba. The scope of work, when developed by USACE, will require Manitoba and DWR review and approval. The scope of work from USACE is still pending.

DWR, USACE, and Pembina County Water Resource District representatives met in Pembina on June 3, 2026, to discuss the border dike as well as the ongoing landowner issue at the border approximately 2 miles west of the Pembina US-Canadian Port and conducted a site visit. Unfortunately, considerable rain the day prior in the area made the border sites impassable, so a site visit was delayed to a future date.

Northern Red River Study

The RRB occupies the flat lakebed of former glacial Lake Agassiz. River gradients are extremely low, decreasing from just over 1 foot per mile south of Grand Forks, to approximately 0.2 feet per mile at the US-Canadian border. Flooding in the RRB is primarily influenced by the northward river flow and minimal gradient.

In 2023, the North Dakota Department of Transportation (NDDOT), in partnership with the Minnesota Department of Transportation (MnDOT) and USACE, began working to enhance transportation resilience in the northern RRB during flooding events by identifying projects that reduce the frequency and duration of interstate and state highway closures. The cooperative effort focuses on major transportation corridors within a study area extending from approximately Grand Forks to the US-Canadian border with the ultimate goal of developing alternatives that can be evaluated for feasibility and prioritized for implementation.

A Technical Advisory Committee (TAC) was formed for the project to advise on the study scope, execution, and findings. DWR has an advisory representative on the TAC. The last TAC meeting was held virtually on March 19, 2026, and a public meeting was held at the Alerus Center, Grand Forks, on April 21, 2026. During both meetings, the project team: (1) summarized the highway raise corridor prioritization process, (2) provided an overview of the existing conditions baseline hydraulic model, and (3) selected 15 grade raise alternatives that will be moved for further hydraulic evaluation. The study is expected to be completed in mid-2027.

At the public meeting held on April 21, 2026, members of the Border Township Associative Group (BTAG) expressed concerns about the alternatives presented by NDDOT. The BTAG group played a key role in securing the funding for the study during the 2023 Legislative Session, which was appropriated to NDDOT. It is DWR's understanding that the current scope of the NDDOT study does not align with BTAG's expectations.

To address BTAG's concerns, a meeting between DWR staff, NDDOT staff, key legislators, and BTAG members discussing the scope of the current study through NDDOT was held June 1, 2026. The meeting concluded that funding for a comprehensive

Red River Update Memo

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July 20, 2026

study for the area involving NDDOT and DWR may be pursued at the next legislative session. The current study will continue to completion.

RH:YC:/2261



Figure 1: Red River Basin General Map

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
FROM: Reice Haase, Secretary
SUBJECT: Mouse (Souris) River Update
DATE: July 17, 2026


For Reice Haase

Hydrologic Conditions and Reservoir Status

Summer rains have continued to maintain all reservoirs, except Rafferty, near and sometimes above Full Supply Level (FSL) this summer. Current flows in the Souris Basin in North Dakota are in the normal to above normal range according to the U.S. Geological Survey National Water Dashboard. The latest information from the U.S. and Canadian Drought Monitors shows zero drought designations in the basin.

In Saskatchewan, Boundary Reservoir is 0.6 feet below FSL. Saskatchewan Water Security Agency (WSA) operated the diversion canal, which diverts water from Boundary Reservoir to Rafferty Reservoir, from March 13 to April 29 and from June 10 to the present.

Rafferty Reservoir is 1.2 feet below FSL and has not made releases. Approximately 30% of the gauged inflow to Rafferty Reservoir this year has been diverted water from Boundary Reservoir (Long Creek runoff).

Grant Devine Reservoir is 0.8 feet below FSL. Releases from Grant Devine Dam occurred from April 1 to May 8 and from May 22 to the present to manage the reservoir at approximately FSL and to meet water sharing obligations with North Dakota.

In North Dakota, Lake Darling is at FSL. Releases occurred from March 18 to May 11 and from June 9 to the present to manage the reservoir at approximately FSL and to meet water sharing obligations with Eaton Irrigation District near Towner this spring.

At J. Clark Salyer National Wildlife Refuge, much of the gauged inflow to the refuge this year has been passed to Manitoba. Current releases to Manitoba are approximately 815 cfs and have averaged 354 cfs since June 1. The minimum flow requirement is 20 cfs from June 1 to October 31.

Reservoir status as of July 16, 2026, in the Souris River Basin is illustrated in Figure 1, along with approximate channel capacity of the mainstem in North Dakota.

International Souris River Board (ISRB)

On June 24, 2026, the ISRB meeting was held in Weyburn, Saskatchewan. It has been mentioned at previous State Water Commission (SWC) meetings that endeavors this year under the ISRB that are of particular interest to DWR include development of a scope of work for reviewing the North Dakota-Manitoba water sharing agreement (under the Natural Flow and Apportionment Committee) and development of an Adaptive Management Plan (under the Adaptive Management Committee).

The scope of work to review the North Dakota-Manitoba water sharing agreement is ongoing under a subcommittee of the Natural Flow and Apportionment Committee. The goal is to submit a report to the ISRB at their February 2027 meeting.

For developing the Adaptive Management Plan, an engagement workshop was held in Weyburn, SK, the same week as the ISRB's June 2026 meeting. Approximately 20-25 people participated. It is expected that the consultant will provide the Adaptive Management Plan later this year.

The next regular meeting of the ISRB will be held in Bismarck on February 24, 2027. The summer meeting is scheduled for June 23, 2027, including a potential tour of the NAWS Biota Water Treatment Plant that week. The ISRB monitors and reports to the International Joint Commission on numerous aspects of the Souris River.

Water Management Agencies (WMA)

WMA is a group that operates parallel to the ISRB and is focused on issues related to the *Agreement between the Government of Canada and the Government of the United States of America for Water Supply and Flood Control in the Souris River Basin* (1989 Agreement). The 1989 Agreement stipulates the maintenance and operating obligations of the United States and Canada for the Souris Basin Project (Rafferty, Grant Devine, Boundary, and Lake Darling Dams).

It was mentioned at the previous SWC meeting that it is expected work will be initiated on two significant issues this year under the WMA, which includes the consultation process for improvements to Rafferty Dam and development of Reservoir Regulation Manuals for the Canadian reservoirs.

In June, WSA provided information on future work to increase the spillway capacity at Rafferty Dam. WSA intends to complete this project in 2028. The consultation process for this work will be ongoing in 2026-2027 with the goal of understanding how any obligations to the United States might be affected during the project construction. Under the 1989 Agreement, this is considered a "maintenance curtailment" that requires a one-year notice before proceeding with construction.

In June, WSA shared a draft Reservoir Regulation Manual (RRM) for Rafferty Dam with WMA. Due to concerns about consistency of the RRM with the 1989 Agreement, WMA

July 17, 2026

plans to meet in-person this fall with the Governments (U.S. Department of State and Global Affairs Canada). The 1989 Agreement requires the development of RRM's with consultation from interested states and provinces. Completing RRM's for Rafferty and Grant Devine Dams would address a long-standing, Canadian non-compliance issue with the 1989 Agreement.

Mouse River Enhanced Flood Protection Project (MREFPP)

The Souris River Joint Board (SRJB) sponsored Mouse River Enhanced Flood Protection Project (MREFPP) is a basin-wide project to reduce flood risk in the Mouse River Basin within North Dakota.

At their June meeting, the SRJB received updates on the various phases of the MREFPP:

- Construction is ongoing for phases Downtown/Eastwood Park (MI-6) and Roosevelt Park and Zoo (MI-7).
- Improvements at Mouse River Park Bridge are expected to be complete this September.
- Construction is ongoing at the Velva Bridge.
- Design team is working towards 100% design plans for the Maple Diversion (MI-4), which are expected to be complete in winter of 2026/2027.
- Preliminary investigations and design have started for several subdivision levees - Brooks Robinwood, Apple Grove, Chaparelle, Eastside Estates, and Talbotts (this levee to be removed).

More information about the MREFPP can be accessed at:

<https://www.mouseriverplan.com/>.

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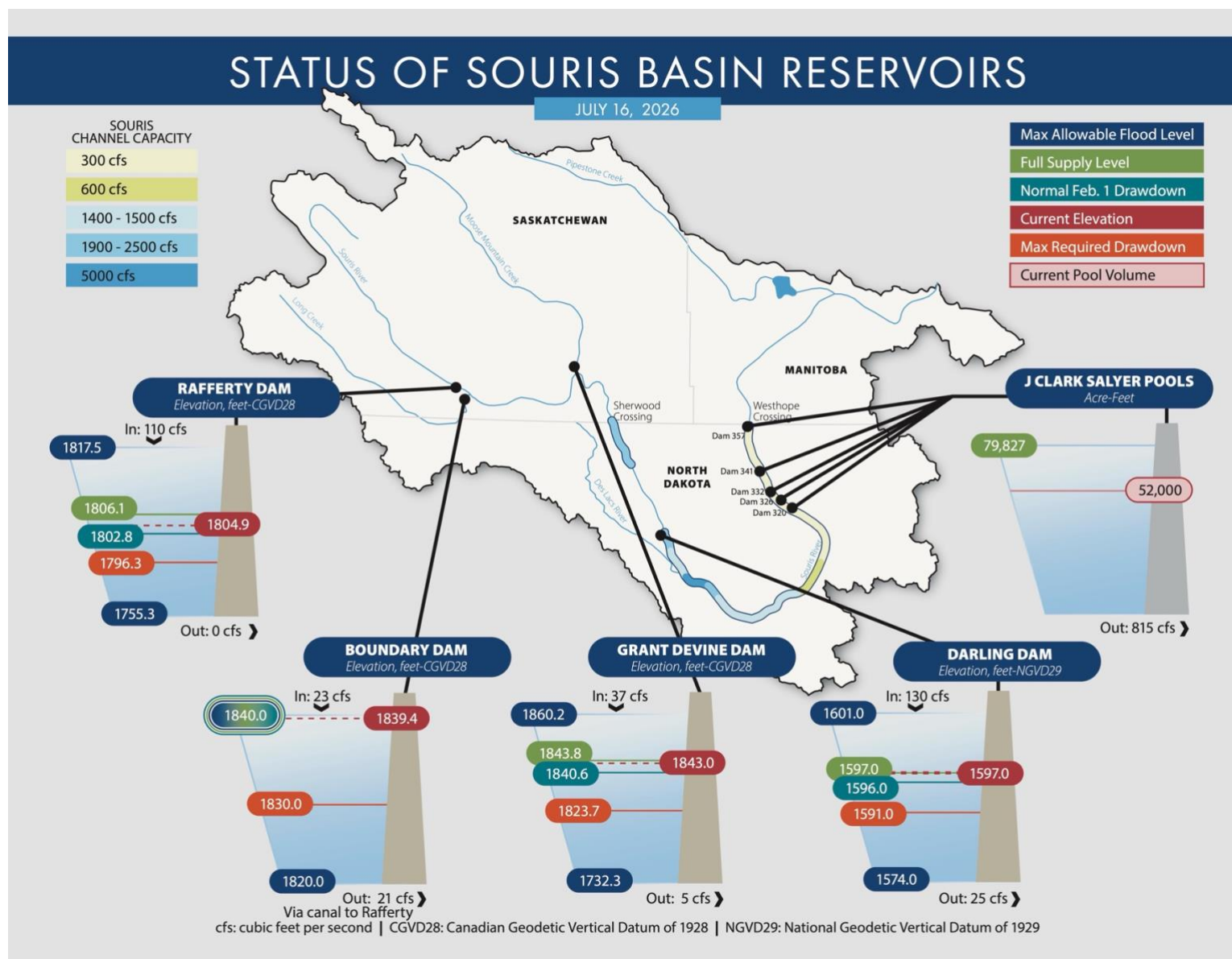


Figure 1. July 16, 2026, Reservoir Status in the Souris River Basin.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission

FROM: Reice Haase, Secretary

SUBJECT: Missouri River Update

DATE: July 20, 2026


For Reice Haase

System/Reservoir Status

Table 1 shows that Fort Peck Lake, Lake Sakakawea, and Lake Oahe are below their averages for this time of year by around nine, twelve, and eight feet, respectively. System storage is below average given the levels of the upper three reservoirs, which make up 90% of Missouri River System storage. All 16.3 MAF of flood control storage, plus an additional 7.2 MAF, is available in the Missouri River System to capture runoff.

Table 1. Current and historical reservoir elevations and total system storage.

	Reservoir Elevation (feet msl)			Total System Storage (MAF) ⁽¹⁾
	Fort Peck	Lake Sakakawea	Lake Oahe	
July 20, 2026	2,224.2	1,828.1	1,597.3	49.0
One-Year Ago	2,226.2	1,834.1	1,598.9	51.8
	July 31, 2026, Reservoir Statistics (period of record: 1967-2025)			
Average	2,233.1	1,840.4	1,605.2	58.7
Record High [year]	2,250.2 [1975]	1,854.8 [1975]	1,618.3 [1997]	71.8 [1975]
Record Low [year]	2,202.3 [2007]	1,815.5 [2006]	1,573.4 [2006]	37.7 [2006]

(1) MAF – Million Acre-Feet. More storage indicates more water is in the system.

Missouri River Runoff Forecasts

Future runoff depends on several factors including soil moisture and basin precipitation. Figure 1 from the National Drought Mitigation Center (NDMC) shows that a large portion of the Missouri River basin is experiencing drought. The extent and intensity of drought in the basin has decreased while the drought conditions have expanded in North Dakota since the last State Water Commission meeting on June 9, 2026. The National Weather Service (NWS) Climate Prediction Center's Seasonal Drought Outlook released on July 16, 2026, indicates drought conditions are expected to persist in western and eastern North Dakota through the fall.

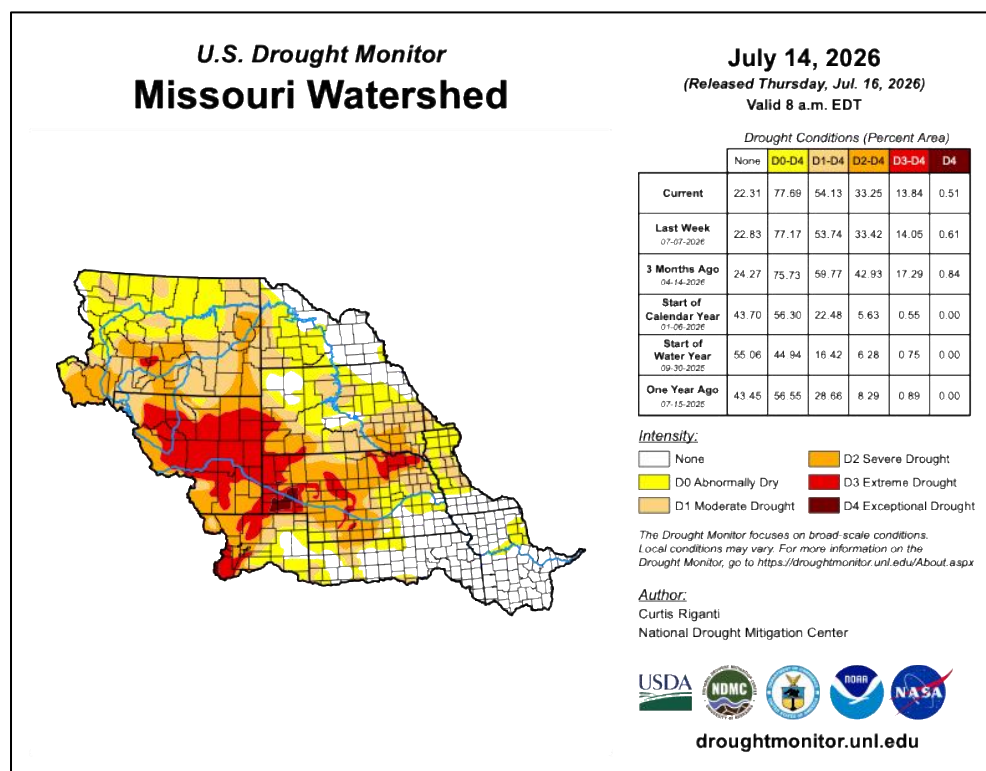


Figure 1. Drought conditions throughout the Missouri River basin as of July 14, 2026.
Graphic is courtesy of the NDMC.

Figure 2 from the NWS' Climate Prediction Center shows soil moisture anomaly, the difference between current soil moisture and long-term averages. Soils are currently drier than average throughout the Missouri River basin.

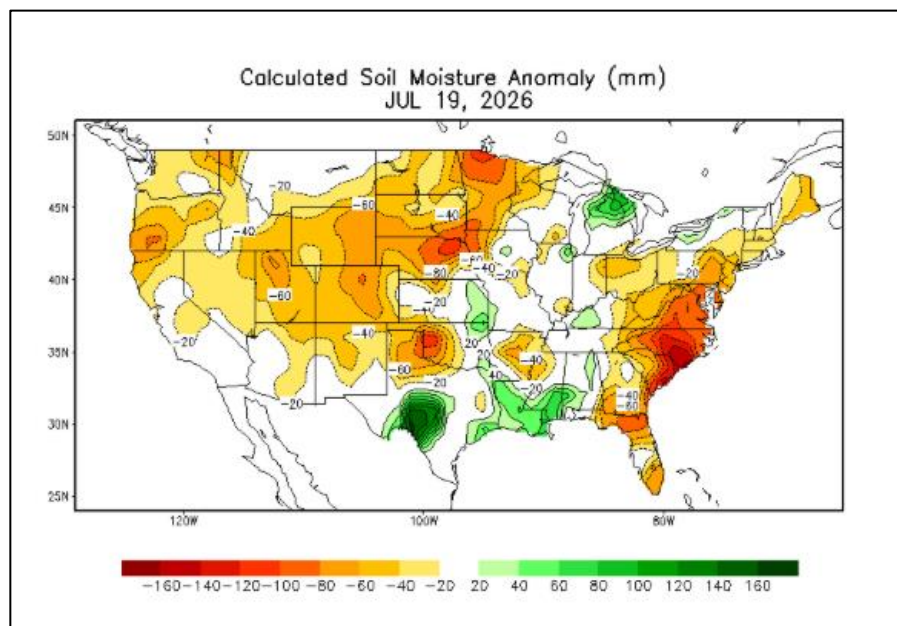


Figure 2. Soil moisture anomaly of the United States. Graphic is courtesy of the NWS Climate Prediction Center.

Mountain Snowpack

Mountain snowpack is responsible for a majority of Missouri River runoff in the months of May, June, and July. All the mountain snowpack from last winter has melted in the Missouri River basin.

El Niño conditions have formed in the Pacific Ocean. El Niños typically bring warmer and drier conditions to the upper Missouri River basin. The El Niño conditions are expected to persist through spring 2027.

Based on current soil conditions, snowpack levels, and the climate outlook, the United States Army Corps of Engineers (USACE) forecast issued on July 1, 2026, estimates Missouri River System runoff will be 15.5 MAF, or 60 percent of average, for the year. This forecast may change if there is significant precipitation or if drought worsens across the basin.

Missouri River Basin Reservoirs in ND

Lake Sakakawea is currently at an elevation of 1,828.1 feet msl, with inflows of 13,000 cubic feet per second (cfs) and outflows of 17,900 cfs. The current USACE forecast anticipates Garrison releases will remain at 18,000 cfs through the summer, which is around 7,000 cfs below average for the summer months. The water surface elevation of Lake Sakakawea is expected to decline for the rest of the year.

Figure 3 shows the status of federally operated reservoirs in the Missouri River basin in North Dakota as of July 20, 2026.

Snake Creek Embankment

As mentioned in previous updates, the Department of Water Resources (DWR) has continually advocated for USACE to choose a structural repair measure as the preferred alternative in the Snake Creek Embankment (Embankment) Dam Safety Modification Study (DSMS). A structural fix would restore the Embankment to its full design capabilities and would protect North Dakota water supply projects and the authorized purposes of the Garrison Diversion Unit.

On January 12, 2026, USACE informed the DWR and Garrison Diversion Conservancy District, that based on new research, Embankment foundation conditions make the likelihood of an Embankment failure or Lake Audubon drawdown more unlikely than previously believed. Based on that analysis, USACE is recommending a less invasive structural alternative to mitigate against potential Embankment failure. Specifically, USACE is recommending installation of new relief wells in the Embankment to further reduce the likelihood of an Embankment failure or reservoir drawdown. The relief wells will be overdesigned to address the State of North Dakota's reliability and maintenance concerns on the relief wells. The DWR agrees that installation of new relief wells is an appropriate method to protect North Dakota's water supplies dependent on the Embankment.

The DWR participated in a DSMS update call with USACE on May 28, 2026. USACE had planned to complete the 35-percent design for the relief wells and finalize the DSMS this year. USACE informed the DWR on the call that they did not receive funding to complete the relief well design and DSMS this year and would stop working on the study until they received funding. The DWR was informed that Senator Cramer's office has worked with USACE headquarters to reprogram funds to complete the DSMS.

Missouri River Potential Intake Locations Investigations

The DWR and HDR Engineering, Inc. (HDR) signed a contract for the Missouri River Potential Intake Locations Field Investigation Phase 2 on April 15, 2026. The signed contract with HDR included 6 sites: a site near Trenton, a site within Douglas Creek Bay, a site near Riverdale, a site near Stanton, a site near New Town, and a site near Williston. After evaluation, no feasible intake locations near Williston were identified and reduced the investigations to five sites.

HDR is developing field investigation plans for each of the sites. Each plan will describe the field investigations that will be conducted to verify the site for intake feasibility. HDR has begun the landowner outreach and permitting process for 4 sites. DWR is leading the tribal nation coordination for the site near New Town. HDR will begin field investigations once landowner permissions and permits are received. Of note are the USACE's Archaeological Resources Protections Act (ARPA) permits, which are required at all sites except near Trenton and Stanton. ARPA permit approval is expected to take longer than previously anticipated. ARPA permit applications require a 60-day initial review to determine if the applicant can proceed with a cultural resources survey.

Missouri River Update Memo

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July 20, 2026

Pending landowner permissions and other unforeseen delays, field investigation is expected to be completed for the Trenton and Staton site this year. It is likely the investigation at the Riverdale and Douglas Bay site will be completed this year while the investigation at the New Town site will likely be pushed into 2027.

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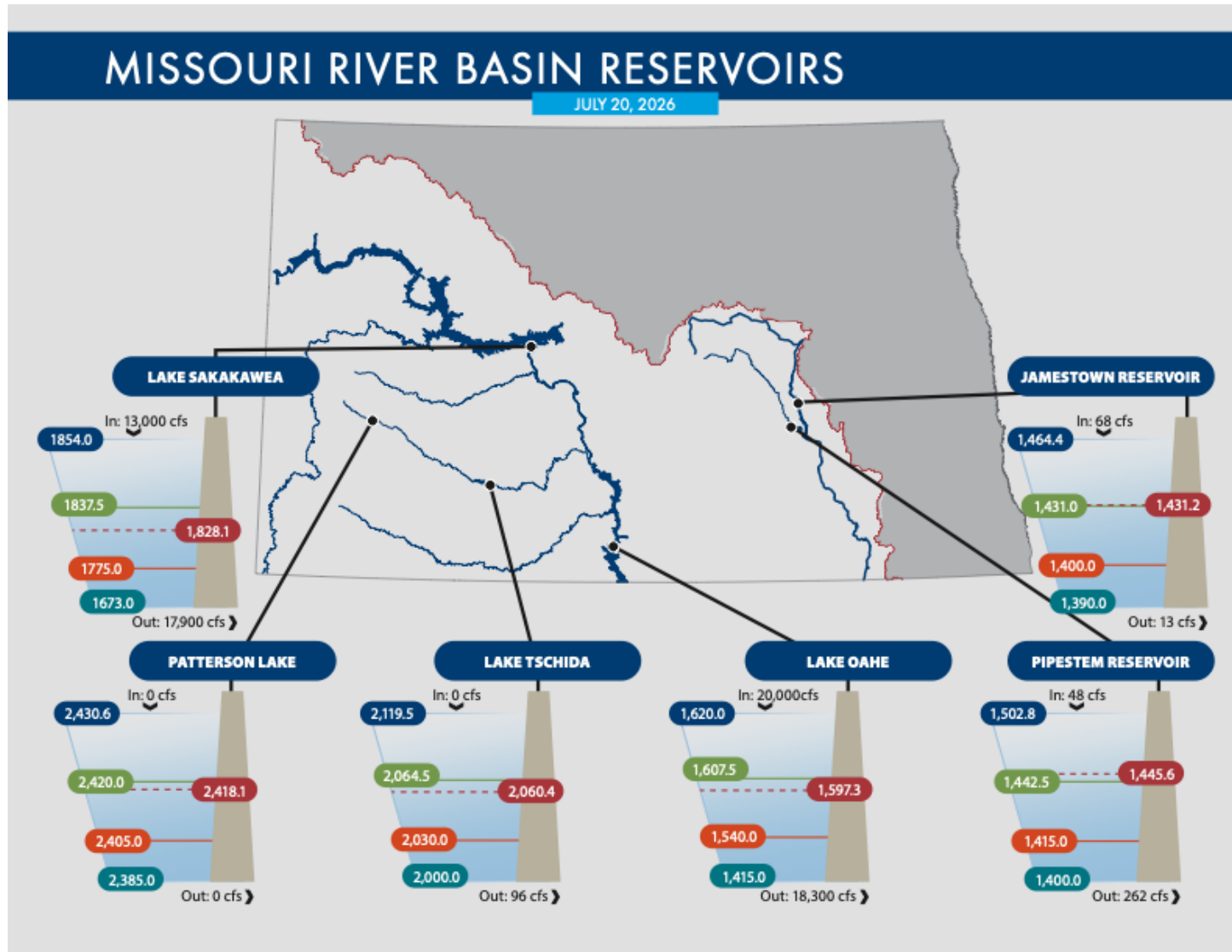


Figure 3. Status of reservoirs in the basin as of July 20, 2026.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
FROM: Reice Haase, Secretary
SUBJECT: NAWS – Project Update
DATE: July 23, 2026


For Reice Haase

Updates from the last meeting memo are shown in bold italics.

CONSTRUCTION UPDATE

NAWS Contract 6-1A Intake Modifications to Snake Creek Pumping Plant

Contract 6-1A Intake Modifications to Snake Creek Pumping Plant (SCPP) includes three equipment procurement contracts, Demolition Contract, and Construction Contract.

The equipment procurement contracts included a delivery date of March 1, 2024, for all equipment excluding the backup generator which had a delivery date of March 1, 2025. The March 1, 2024, and March 1, 2025, delivery dates were not met by any of the equipment procurement contractors. All equipment included in the procurement contracts are now delivered to the site.

The Contract 6-1A Demolition Contract is substantially complete as of December 20, 2024. Final Change Order No. 5 that shifted punch list items on the Demolition Contract to the Construction Contract has been executed by all parties. The final contract cost with all five change orders is \$4,482,158, an increase of \$645,858 from the original contract price.

The Milestone 1 completion date on the Construction Contract which is for construction of all work excluding installation of the generator when awarded was June 30, 2024. The Substantial Completion date for all work was July 30, 2025, and the Final Completion date was August 31, 2025. Because of the delays due to the submittal review process and the equipment delivery, the completion date of June 30, 2024, was not met by the contractor.

Change Order #1 on the Construction Contract added a small amount of remaining demolition work to the Construction Contract, changed pipe coatings to a 2-part fusion bonded epoxy coating, and addresses coating removal on the formed suction intake. Change Order #1 also extended the completion dates and increased the liquidated damages if those dates are not met. Through Change Order #1, the Milestone 1 completion date which is for all work except the installation of the generator was extended to July 11, 2025. Substantial Completion was extended to September 5, 2025, and Final Completion was extended to October 5, 2025. Change Order #2, among other minor changes, included the coatings removal and recoating of the Snake Creek Pumping

Plant's Unit 1 discharge tunnel. Due to the extensive scope of work that was added by this Change Order, the completion dates were extended. Through Change Order #2, the Milestone 1 completion date which is for all work except the installation of the generator was extended to December 11, 2025. Substantial Completion was extended to February 5, 2026, and Final Completion was extended to March 7, 2026. The contract cost with the executed two change orders is \$35,642,149, an increase of \$1,478,249 from the original contract price.

Discharge tunnel piping installation and design changes needed to accommodate unexpected discoveries during construction has resulted in delays. Due to the design changes, a significant electrical related Work Change Directive (WCD No. 5) was issued to the Contractor on December 5, 2025.

Startups of major electrical equipment including the Motor Control Center, Switchgear, and Variable Frequency Drives were completed. Issues identified during startups are currently being addressed. The installation of the discharge piping is complete. On May 14, 2026, pressure testing of the discharge tunnel piping was attempted when a leak developed at a dismantling joint gasket. After the pipe was drained to assess the leak, a section of the pipe shifted off its supports. On May 20, 2026, the pipe section was lifted and restored to its supports. The incident investigation remains ongoing to determine the root cause of the pipe displacement.

Following the pressure test incident, additional lateral and vertical supports were installed to prevent pipe movement and ensure the piping remains properly seated on the spring supports. The dismantling joint gasket involved in the initial failure was replaced, and a subsequent pressure test was conducted on July 9. During testing, a different dismantling joint gasket failed at approximately 320 psig. The failed dismantling joint has now been removed and replaced with a spool piece. Pump and pressure testing is expected to begin the week of July 27. The pressure test will be considered successful upon maintaining 375 psig for four hours with no leakage.

The NAWS pumps and the two SCPP pumps are powered from separate, identical electrical breakers. During July, two breakers failed - one serving the NAWS pump and one serving the SCPP. Because these breakers are obsolete, three replacement breakers were sourced and procured after the initial failure through eBay. As of July 22, all pump breakers are operational. DWR will work with Garrison Diversion Conservancy District to identify and implement a permanent breaker repair or replacement solution to improve long term system reliability.

DWR continues to note the importance of completing the project in a timely manner before the Biota Water Treatment Plant is ready for water from the lake.

NAWS Snake Creek Pumping Plant Discharge Pipeline Contract 2-1E

Contract 2-1E includes the discharge pipeline that connects the Snake Creek Pumping Plant (SCPP) to the NAWS raw water transmission pipeline. The scope of work involves construction of approximately 2,100 feet of 36" ductile iron pipe.

The pressure testing of the pipeline was completed May 12, 2025, and walk through for developing the punch list for achieving Substantial Completion was completed July 23,

2025. The contract cannot achieve Substantial Completion until the pumps inside the Snake Creek Pumping Plant are operational, which as discussed previously, has been delayed.

NAWS Permanent Intake and Screen Structure Contract 1-1A

The scope of work for Contract 1-1A includes the construction of a new NAWS raw water intake, large diameter intake pipeline with isolation valve, steel intake bulkhead, small diameter airburst, and chemical feed pipelines in Lake Sakakawea outside the existing Bureau of Reclamation's (Reclamation) Snake Creek Pumping Plant.

This contract was divided into Contract 1-1A Contract No. 1 – Dredging, Pipeline, and Facility Construction and Contract 1-1A Contract 2 – Isolation Valve Construction. Bids for these Contracts were opened July 21, 2025. The contract award and the funding allocation was approved by the SWC at its June and August 2025 meetings. The preconstruction conference for this contract was held October 10, 2025.

In the fall and winter of 2025, the contractor focused on equipment procurement and submittals. The Contractor mobilized to the site in spring. The contractor has submitted a request for extension of the Substantial Completion date of November 25, 2026, due to the lead time involved for the specified valve on the contract. The request from the Contractor is under review with Houston Engineering, Inc. (HEI), and they will provide a recommendation to DWR for consideration. The Contractor is proposing some changes to the site plan which required additional permission from the United States Army Corps of Engineers (USACE). The Contractor's proposed changes have been discussed with USACE and Bureau of Reclamation staff. USACE has provided Section 408 approval for those changes ***along with the regulatory permit approval.***

Construction activities began this spring with work on the retention pond and temporary access road. Construction was temporarily paused while the review of critical submittals required from the Contractor as the condition of the temporary construction permit from the USACE are submitted and approved. ***After approval of some submittals, construction has resumed with barge assembly. The Contractor has requested a one year schedule extension and that request is under review..***

NAWS Contract 7-2A/4-1A Biota Water Treatment Plant (BWTP)

NAWS Contract 7-2A/4-1A generally includes construction of a new concrete, steel, and precast BWTP, for which contracts were awarded in February 2021 and the Notices to Proceed for the general and electrical construction were issued in March 2021. Site work, including excavation and grading, began in April 2021.

The General Contractor has removed the defective filter underdrains. Replacement underdrains were delivered on May 18, 2026, and initial installation activities are underway. Ovivo, the filter underdrain manufacturer, was scheduled to be on-site on May 26 to provide additional installation oversight.

Installation of the filter underdrains has been completed. The initial functional test conducted on June 4 was unsuccessful. Since that time, the manufacturer has provided additional recommendations to address the issue; however, all

subsequent functional tests have also failed across all four filters. DWR has directed the contractor to resolve the deficiencies by July 31, 2026.

The General Contract's Substantial Completion Date was extended to December 2, 2024, via Change Order 6. Table 1 shows the change orders signed to date on the BWTP Contracts.

Table 1 change orders signed to date on the BWTP Contracts

Contract	Change Orders (CO)	Value of COs	Total Contract Cost	CO Percent of Contract
General	8	\$ 1,253,891.92	\$ 39,081,091.92	3.2%
Electrical	7	\$ 761,784.08	\$ 7,350,165.08	10.4%
Mechanical	7	\$ 158,371.62	\$ 5,072,578.62	3.1%
UV	1	\$ -	\$ 707,125.00	0.0%
DAF	3	\$ (40,709.50)	\$ 1,803,160.50	-2.3%

Few Work Change Directives that incorporate revisions required and approved by Department of Environmental Quality (DEQ) have been issued to the construction contractors. One of the revisions required from DEQ is the installation of sewer drain field and a holding tank for the shop floor drain discharge. DWR will manage this revision requested by DEQ outside the construction contract. A request for informal bids was sent to sewer installation contractors in Ward and McClean counties. Dig It Up Backhoe Service, Inc. has been awarded the contract to complete this work and is expected to begin work this summer.

NAWS Contract 4-4B/5-4B Bottineau Reservoir and Booster Pump Station

The Bottineau and Souris Reservoir and Pump Stations contracts consist of a one million-gallon ground storage reservoir and pump station at the intersection of State Highways 5 and 14 south of Souris and a three million-gallon ground storage reservoir and pump station roughly four miles west of the connection to Bottineau. The final pipeline contract climbs roughly 300 feet in elevation from the location of the Souris Reservoir and Pump Station to the connection to Bottineau. The final design flows for both the City of Bottineau and All Seasons Water Users District northwest of Bottineau will require both storage and pumping to meet water demands. Bids were opened February 7, 2023, for the Bottineau reservoir and pump station. At the February 13, 2023, SWC meeting, the Commission authorized the Secretary to award the contracts.

The reservoir contract achieved Substantial Completion November 8, 2024. Three change orders totaling \$11,744.00 were added to the contract. Final payment has been made and the contract has been closed out.

The pump station contract achieved Substantial Completion February 19, 2025. To date, five Change Orders totaling a decrease of \$1,695.81 have been added to the Bottineau Pump Station Contract. HEI, Inc. recently communicated to DWR that not all of the equipment provided by the Contractor are Buy America Build America compliant which was part of the contract specifications due to federal funding used for this contract. A formal letter has been sent to the Contractor explaining the non-conformance and DWR is awaiting a response on the proposed solution.

Radio Upgrades in the Bottineau Segment

DWR staff directed HEI, Inc. and Preferred Controls Inc. to develop an invitation for bids for completing communication system improvements in the Bottineau Segment. DWR staff executed a contract with Main & Holmes Electric for installation only, while the required materials were planned to be procured directly by DWR.

The installation work was initially expected to be completed by December 31, 2025. However, due to delays in receiving some of the necessary equipment, Main & Holmes Electric requested a contract amendment to extend the completion date to February 16, 2026. ***DWR staff have received all materials required for the upgrade and are awaiting a schedule for installation from Main & Holmes, the installation contractor.***

OPERATIONS UPDATE

City of Minot Cybersecurity Breach

On March 14, 2026, the City of Minot experienced a cybersecurity breach involving their firewall which resulted in a ransomware virus downloaded onto their system. City of Minot's and NAWS project's Supervisory Control Data and Acquisition (SCADA) had limited connectivity to share critical operational data. As a precaution, the connectivity was immediately terminated when the breach occurred.

Following the incident, extensive scans were completed on the NAWS server to verify that the NAWS SCADA system had not been compromised. All scans confirmed the system was secure, and the NAWS SCADA system was returned to full operation on March 17, 2026. During the period the NAWS SCADA system was offline, the system operations were maintained in "hydraulic" mode, which relies on local controllers to meet designated set points. This mode functioned effectively; however, without interconnecting communication, the overall system could not fully optimize performance.

Connectivity with the City of Minot's SCADA system remains disabled as a precaution. As a result, NAWS operations staff cannot view data points from the High Service Pump Station. This limitation has minimal short-term impact on NAWS operations.

Several fact-finding meetings have been held, and additional meetings will continue to develop an action plan. The objective is to address the following items:

1. Maintain separation between the Minot and NAWS SCADA systems from a connectivity standpoint, while still enabling the secure exchange of critical information.
2. Refine communication procedures to ensure a clear and efficient response in the event of a future security breach.

3. Conduct a detailed review of the NAWS SCADA system with subject matter experts to confirm the system is as robust and resilient as possible.
4. Continue knowledge sharing with the City of Minot to ensure both parties remain aligned on best practices and system management.

DWR is coordinating with its SCADA subconsultant to establish a secure backup process for the NAWS SCADA data. The SCADA subconsultant is also evaluating options to restore the shared data between the City of Minot and NAWS servers without directly connecting the servers.

High Service Pump Station

As discussed in prior meetings, a 250 hp pump (City HSP#1) that became inoperable in March 2025 was rebuilt in August 2025, and another 250 hp pump (City HSP#3) that failed in August 2025 is currently at a shop facility in South Dakota for rebuild, with repairs expected to be completed soon. The Replacement and Extraordinary Maintenance (REM) fund was approved to cover the repair expenses for these two pumps. In mid-December, a 350 hp pump (NAWS HSP#1) also became inoperable. The pump and motor have been removed from the High Service Pump Station (HSPS); the motor has been rebuilt and returned to the HSPS, and the pump was transported to a South Dakota shop for repairs. Due to extensive repairs needed and hours logged on the pump, a quote was also received for a replacement pump. The replacement pump lead time is estimated at 10 - 15 weeks. A second quote was requested from an alternate supplier, as well as a different shop at Billings to rebuild the pump.

The machine shop in Billings specializes in vertical turbine pump repairs and subsequently obtained favorable pricing and lead times for pump refurbishment services. Based on this evaluation, NAWS HSP #3 was transported to Billings for inspection and rebuild activities.

Following disassembly and inspection, it was determined that both the upper and lower bowl assemblies were beyond repair and require replacement. During procurement efforts for the replacement components, it was identified that the pump model is obsolete. The pump manufacturer is currently evaluating availability and preparing a quote for the required obsolete replacement parts. ***A pump replacement was determined to be the most cost effective solution and offers a shorter lead time than repairing the existing pump. The replacement pump was ordered on July 1 and is expected to be delivered within 12 to 14 weeks following approval of the equipment submittals which is underway.***

Booster Pump Station #4, Pump #2 VFD replacement

Booster Pump Station #4, Pump #2 VFD has been replaced and commissioned. The pump is back in operation.

Isolation Vault 2 Repairs

Quotes for repairs to Isolation Vault 2 due to flooding that occurred in December 2025 are currently being sought and a request to approve the repair project to be an eligible Replacement Extraordinary Maintenance project is included as a separate agenda item.

All Seasons Water Users District (ASWUD) Capacity Request

DWR staff received a request for capacity confirmation from ASWUD. The request is for confirmation of NAWS's ability to supply a total flow rate of 1,250 gallons per minute for ASWUD's peak uses and projected demands under full buildout conditions for the Bottineau County Expansion. A meeting between ASWUD, DWR, and Houston Engineering Inc. (HEI) was completed to fully understand the request and the timeline for the need.

HEI noted to DWR that the existing NAWS distribution system and the current design for the Souris Reservoir and Pump Station does not have the capacity to deliver a total flow rate of 1,250 gallons per minute to ASWUD. DWR requested an analysis and Class V cost estimate from HEI for providing ASWUD with 1,250 gpm. HEI has determined that improvements to HSPS, Lansford Pump Station, and Bottineau Pump Station, an additional inline booster pump station east of Renville Corner, and revised Souris Reservoir and Pump station configuration are necessary to provide ASWUD with 1,250 gpm. The Class V cost estimate from HEI for these changes is approximately \$7 million. ***ASWUD has been issued a formal response to the capacity request detailing the analysis.***

Agreements with City of Minot

DWR staff has begun to work on developing various agreements with the City of Minot. At this time, the identified agreements include: an Operations and Maintenance Agreement for the HSPS, and a Water Service Agreement with the City of Minot. Additional agreements may be identified as discussions progress.

Operations and Maintenance Agreement for the HSPS is discussed under a separate agenda.

Potential Agreement with Garrison Diversion Conservancy District (GDCCD)

DWR staff will review the needs for emergency sequence of operations necessary at SCPP and determine if assistance from GDCCD staff is necessary for the operations of the NAWS intake and an agreement will be drafted accordingly. ***DWR and GDCCD staff met at the SCPP on July 9 to discuss operations and an agreement will be developed soon.***

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: SWPP – Project Update
DATE: July 23, 2026


For Reice Haase

Updates from last Commission meeting memo are shown in bold italics.

Supplementary Raw Water Intake:

Bartlett & West/AECOM (BW/AECOM), the engineer for the Southwest Pipeline Project (SWPP) was authorized to develop a Preliminary Design Report (PDR) with analysis of alternatives for completing the supplementary raw water intake for the SWPP through Specific Authorization (SA) 239. Progress is being made on the development of the PDR. ***An amendment to the scope of SA 239 was executed. The amendment adds the following scope of works: discussion of the different contract delivery methods for completing the construction of the supplementary raw water intake, and the development of a plan for additional geotechnical exploration along the northern alignment.***

DWR staff had meetings with US Army Corp of Engineers (USACE) and US Bureau of Reclamation (USBR) in December and January discussing the different alternatives under consideration in the PDR. Neither agency has expressed any significant concerns with the alignments under development. DWR is also discussing with USBR the potential for them to continue being the lead federal agency for the project. Based on the preliminary information shared by USBR staff, the remaining federal Municipal, Rural, and Industrial funding must be allocated to the supplementary raw water intake project for them to continue being the lead federal agency for the project.

Contracts 1-1B & 1-1C Existing Intake Capacity Expansion:

This project will replace pumps inside both Basin Electric Power Cooperative (Basin) and the SWPP pump stations to take advantage of the amended agreement with Basin that allocated increased capacity to the SWPP. ***Two of the three Contract 1-1B contracts have been executed. At the June State Water Commission (SWC) meeting, award of the contracts on Contract 1-1C was approved. A memo correcting the award recommendation and funding authorization is included as a separate agenda item. Notice of Award has been issued to all three Contract 1-1C contracts and contract documents delivery is expected soon from the contractors.***

Distribution Capacity Expansion:

Southwest Water Authority (SWA) and SWC implemented a three-pronged plan to meet the distribution capacity needs of SWPP. The three prongs include:

- Prong 1. Improvements to the transmission facilities from the Ray Christenson Pump Station to the first tanks in the distribution system, which were completed in 2022. The West Zone Transmission improvements were added to Prong 1 in 2022.
- Prong 2. Addressing the waiting list users by implementing hydraulic improvements like a booster pump station, parallel piping, and water reservoirs at strategic locations.
- Prong 3. Canvassing targeted service areas for users interested in signing up for rural water and design of a rural distribution system for those areas.

Prong 1 – West Zone Transmission Improvements:

The West Zone transmission improvements include main transmission pipeline improvements, improvements to the Ray Christensen, Fryburg, and Beach pump stations, and a new reservoir west of Medora.

At the October 2024 SWC meeting, moving forward with developing bid ready documents for the design with the next nominal pipe size above identified needs with 25 percent additional capacity design was approved. Since the October meeting, SWPP's consultant engineer BW/AECOM was requested to provide a phasing analysis for completing construction of the West Zone capacity expansion. This is a necessary step to determine the implementation plan for building out the infrastructure needed in the West Zone with budget constraints.

The draft West Zone Preliminary Design Report includes the phasing analysis and designates improvements necessary to realize the incremental capacity achieved from the upgrades at the Ray Christensen Pump Station (RCPS) throughout the West Zone infrastructure as Phase 1. BW/AECOM is developing SAs that will create bid ready plans for infrastructure improvements included in Phase I of the West Zone Capacity Improvements project.

Ray Christensen Pump Station (RCPS) Preliminary Design Report (PDR):

The RCPS houses pumps for the West, South, North and East zones. Long term upgrades to the RCPS include improvements to the pumps for the South zone and North and East zone as well. SA 242 authorized BW/AECOM to complete PDR for the RCPS. SWA has reached out to communities and other users in the South and North and East zones to determine their projected future water needs.

Based on information provided by SWA, BW/AECOM has completed the future water-needs analysis for the South, North, and East Zones.

For the North and East Zones, the current allocation is 1,229 gpm. The analysis shows an additional 383 gpm in identified needs. DWR staff is authorizing BW/AECOM to complete the PDR using the identified needs plus an additional 50% for "blue sky" capacity, resulting in a future design allocation

For the South Zone, the current allocation is 2,118 gpm. The analysis identifies an additional 550 gpm in future needs. Applying the 50% “blue sky” factor to the identified need results in a projected allocation of 2,943 gpm. However, BW/AECOM recommends a future design allocation of 3,118 gpm, which includes:

- ***2,118 gpm (current allocation),***
- ***550 gpm (identified additional needs), and***
- ***450 gpm to account for the City of Bowman (300 gpm) and Perkins County (150 gpm).***

The 450 gpm noted above is not dedicated to the City of Bowman or Perkins County, but is used to aid in developing a conservative future allocation estimation. Staff welcomes Commissioner feedback on these proposed future capacity estimates for the project.

Contract 5-19 Buffalo Gap Reservoir:

This project is to construct a 500,000 gallon water storage tank located approximately 10 miles west of Medora to improve service capacity to the segment of the West Zone known as the Medora Service Area.

Contract Value	Substantial Completion Date	Approved Change Orders	Cost of Approved Change Orders
\$ 2,111,000	June 15, 2026	None	0

The tank has been operational since December 2025. Final punch list items and administrative items remain before the contract can be closed out.

Prong 2 -Strategic Hydraulic Improvements:

Contract 7-2B North New England Hydraulic Improvements:

Following the June 2024 SWC meeting that approved proceeding with final design of the hydraulic improvement project in the north New England Service Area, SA for completing the bid ready documents for this project was executed with BW/AECOM.

The North New England Hydraulic Improvements project scope includes about five miles of rural pipeline, six pressure reducing vaults (PRVs), and two pressure booster stations. The project will allow over 100 waitlist properties to connect to the system.

Contract Value	Substantial Completion Date	Approved Change Orders	Cost of Approved Change Orders
\$ 1,934,708.82	October 30, 2026	None	0

The project bid opening was July 2025 and the construction contract with Wagner Construction (Wagner) was signed in September 2025. The project has a completion date of fall 2026. The booster stations included in the contract are lengthy lead time items.

The contractor has now substantially completed the installation of all of the approximately 5 miles of pipeline included in the project. Installation of the six PRVs is underway. Delivery of the two boosters is still anticipated to be early October with installation expected soon after delivery.

Dunn County Hydraulic Improvements Preliminary Engineering Design:

In 2025, Dunn County (County) agreed to fund a Preliminary Engineering Design to identify the projects and associated costs required to serve all rural waitlist users in the county. The County committed to this study to determine whether any water system expansion projects could be pursued with County funding and incorporated into the SWPP.

The Preliminary Engineering Report (PER) identifies seven hydraulic service areas within the County, four of which serve the majority of the users. It estimates approximately \$9 million in system improvements would be required to serve the 105 rural users currently on the waitlist. Estimated cost per user varies significantly by service area. It should be noted that the cost estimates reflect only the hydraulic upgrades needed to enable future hookups, the individual service line costs to each property are not included.

The PER was provided to the County's designated representative in April. Since then, meetings have been held with DWR staff to review the report's findings and address questions from the County. ***The County is working with SWA staff to contact all of the waitlisted users to help with their decision making.***

South Fairfield Hydraulic Improvements:

Following the prioritization matrix update, the South Fairfield service area ranked the highest. DWR staff has directed BW/AECOM to move forward with completing preliminary engineering design of strategic hydraulic improvements necessary to serve the waitlisted users in the South Fairfield Service Area. The preliminary engineering design details and commitment from the waitlist users will be bought before the SWC before proceeding with bid ready documents.

July 23, 2026

Prong 3 – Rural Distribution System Improvements

Burt and Hebron Service Area Expansion:

In February 2021, SWA voted to proceed with a signup campaign in the Burt and Hebron service areas including Lake Tschida. SWC concurred with that request in April 2021.

As of July 2026, in the Burt-Hebron service area there are 936 signups with 299 around Lake Tschida and 637 in rural areas. The preliminary design for the Burt-Hebron Service Area expansion is divided into seven sub areas: the Hebron Service area divided into Hebron Rural, North Tschida, and Curlew Butte pocket areas. The Burt Service area is divided into Burt Rural, South Tschida, Burt VFD pocket area, and service to Flasher. The analysis for service to Flasher is not completed yet.

Following the February 2024 SWC action to increase the maximum cost per Equivalent Service Unit (ESU) limit to \$75,890 within the project's Feasibility Criteria, the SWA took action at their March 2024 meeting. The action focused on a project in the Hebron Rural area while also looking at the potential to develop a smaller project in the Burt Rural area that could be constructed with the \$11.2 million included in the 2023-2025 budget for Burt-Hebron Service Area expansion.

BW/AECOM completed a preliminary design that includes signups that meet the distance of three quarters of a mile, a distance that could be met with a maximum per ESU amount of \$75,980 approved by the SWC in February 2024.

Contract 7-5C Hebron Rural Expansion:

At the June 2026 SWC meeting, award of Contract 7-5C, Bid Schedule 1A and 1B was to Carstensen Contracting; and Contract 7-5C, Bid Schedule 2 to Abbot, Arne, and Schwindt Inc. was approved. Contract documents with Carstensen Contracting has been executed. DWR is awaiting contract documents for Contract 7-5C Bid Schedule 2.

Metallic Line Replacement and Assessment Progress:

Assessment and evaluation of metallic pipeline to determine the extent of Microbiologically Induced Corrosion (MIC) is continuing. Evaluation includes exploratory excavation to confirm presence or absence of MIC at locations where MIC are suspected to be likely. SWA hired BEK to conduct these exploratory excavations at ten locations, about ten miles southwest of Dodge in the fall of 2024. The excavation revealed MIC consistent with what has been observed before.

Submittal set of documents for SWPP Contract 2-2I, which includes replacement of two segments measuring 2,000 ft and 400 ft of 30" raw water pipeline, is currently under DWR and SWA staff review. The project is planned to be advertised for bids in August. Additional details on this project are covered under a separate memo.

Southwest Water Treatment Plant (SWTP) Expansion:

This project is to construct a 12 Million Gallons per Day (MGD) expansion to the existing SWTP at Dickinson to get the SWTP to its ultimate design capacity of 18 MGD. This project will allow for the retirement of a nearly 70-year-old Dickinson Water Treatment Plant currently used for SWPP.

Since the June SWC meeting, the precast walls have been installed and the building is visibly taking shape above ground. Work in the basement has focused on application of wall coatings, pipe installation, and running electrical conduit. The recycled water pump station was installed in early July. Upcoming work will include setting the roof's structural steel and continuing with additional piping and electrical installation.

Contract 3-2H Change Order Summary is noted below:

Bid Price	No. of Approved Change Orders (CO) s	Cost of Approved COs	Current Contract Cost	Approved COs as a % of Bid Price
\$86,382,500	3	\$679,430.84	\$87,061,930.84	0.8%

SWTP project picture below taken on July 21, 2026



Raw Water Implementation Study:

BW/AECOM is making progress on SA 246, which includes an update to the raw water upgrades implementation plan completed in 2014; an alternative service study to Net-Zero, the Richardton ethanol facility; and a study of the expansion of SWPP raw water conveyance infrastructure. Based on the cost-sharing agreement with Gevo, the parent company for Net-Zero for SA 246, monthly update meetings are held between DWR, BW/AECOM, and Gevo.

The Implementation Plan Update report as part of the study has been finalized. Since then, the study has progressed into evaluating the alternatives. Alternative #1, which examines the improvements and costs associated with increasing the water supply to Gevo's Net Zero Richardton facility by 500 gallons per minute, has been completed in draft form and is under DWR and Gevo review. Gevo has inquired the availability of additional capacity from the project before infrastructure improvements are completed. DWR staff analyzed the historic water demand and projected water demand for the project and has noted that no additional capacity is available at this time while some additional capacity may be available after the existing intake improvement project and the raw water pipeline replacement project are completed.

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