

**State Water Commission Meeting
#238 Lewis and Clark Room, Bank of North Dakota
1200 Memorial Hwy., Bismarck, ND
Thursday, October 8, 2026 – 1:00 p.m. CT**

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AGENDA

- 1:00 – 1:02 A. Roll Call
1. Pledge of Allegiance
 2. Conflicts of Interest
- 1:02 – 1:03 B. **Consideration of Agenda**
- 1:03 – 1:05 C. Consideration of Minutes
1. **Draft Minutes for the August 18, 2026, SWC Meeting**
 2. **Draft Minutes for the August 26, 2026, Special SWC Meeting**
 3. **Draft Minutes for the September 16, 2026, Pre SWC Meeting**
- 1:05 – 1:15 D. SWC Secretary Update (Reice Haase) – No Attachment
- 1:15 – 1:20 E. **Final Navigability Determinations** (Aaron Carranza)
- 1:20 – 1:25 F. Financials (Chris Kadrmas)
- 1:25 – 1:30 G. Southwest Pipeline Project (SWPP) (Sindhuja S.Pillai-Grinolds)
1. **Ray Christiansen Pump Station Upgrades Prelim Design Report—Design Decision**
 2. **Contract 2-2I Raw Water Main Transmission Pipeline Replacement—Funding Auth**
- 1:35 – 1:40 H. Drought Disaster Livestock Water Supply Assistance Program (Cory Drevecky)
- 1:40 – 1:45 I. Cost-Share Project Funding Availability Update (Duane Pool)
- 1:45 – 2:00 J. **Four-Year Progress Reports** (Abigail Franklund)
- | | |
|----------------------------|---|
| City of Neche | Neché Levee FEMA Certification Project |
| Red River Joint WRD | Lower Red Basin Regional Detention Study |
| Pembina County WRD | Crystal Flood Risk Reduction Project |
| Pembina County WRD | Cavalier Flood Risk Reduction Projects |

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:

2:00 – 2:05	K. Water Supply – Rural (Julie Prescott)			
	1. SEWUD	West WTP Phase 2	\$514,100	PC
	L. Water Supply – Municipal (Julie Prescott)			
	1. Grenora	WTP Improvement	\$30,000	PC
	2. Steele	Water Main Replacement	\$124,200	PC
	3. Almont	Drinking Water and Sanitary Sewer	\$47,540	C

AGENDA

2:05 – 2:10	M. Water Supply Municipal (Julie Prescott)			
	1. McVille	McVille WTP Rehabilitation	\$1,022,580	C
2:10 – 2:15	N. General Water (Abigail Franklund)			
	<i>Projects Deferred Pending Available Funding</i>			
	1. GDCCD	LA 10 Irrigation Project	\$1,052,642	C
	O. Water Supply (Municipal) (Julie Prescott)			
	<i>Projects Deferred Pending Available Funding</i>			
	1. Casselton	Downtown Improvements Project	\$525,218	C
	2. Harwood	North Main Water Loop	\$491,129	C
	3. Grafton	Water System Replacement Phase I	\$2,556,064	C
	4. Regent	Main Avenue Reconstruction	\$644,705	C
	5. Watford City	2026 Water Main Replacement	\$2,130,923	C
	6. West Fargo	1 st Avenue E Reconstruction	\$1,136,346	C
	7. West Fargo	Meadow Ridge Reconstruction Phase I	\$1,120,118	C
	8. Rolla	WTP Improvements	\$15,000	O
	9. Binford	Water & Wastewater System Improvements	\$300,000	PC
	10. Mandan	Intake Phase III Study	\$135,000	O
	11. Stanley	Capital Improvements Project IV	\$95,460	PC
2:15 – 2:20	P. Red River Valley Water Supply Project Update – Duane Dekrey			
2:20 – 2:25	Q. Mouse River Enhanced Flood Protection Project Update – Ryan Ackerman/Dave Ashley			
2:25 – 3:00 (5 min each)	R. 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 (Sindhuja S.Pillai-Grinolds)

3:00 – 3:05 S. Legal Updates (Matt Sagsveen)

3:05 – 3:10 T. **Federal MR&I Program – ENDAWS FY2026 Funding** (Julie Prescott)

U. 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
August 18, 2026

The ND State Water Commission (Commission or SWC) held a meeting at the ND State Capitol, Pioneer Room, 1st Floor Judicial Wing, 600 E Boulevard Ave, Bismarck, ND, and via phone conference on August 18, 2026. Governor Armstrong called the meeting to order at 1:00 PM. A quorum was present. The board opened the meeting by reciting the Pledge of Allegiance.

State Water Commission Members Present:

Governor Armstrong, Chairman
Lt. Governor Strinden, Acting Chairman (1:28 PM)
Doug Goehring, ND Agriculture Commissioner
Michael Anderson, Lower Red River Basin
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
Jay Volk, Lower Missouri River Basin
April Walker, Upper Red River Basin (online)
Jason Zimmerman, Mouse 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 86 people present online and in person.

DROUGHT DISASTER LIVESTOCK PROGRAM

Governor Armstrong signed an executive order declaring a drought disaster and activating the State Emergency Operations Plan. The order also directed the State Water Commission to administer the Drought Disaster Livestock Water Supply Assistance Program (DDLWSAP). Governor Armstrong asked the Commission to approve \$2 million for the program for cost-share assistance for new water wells, rural water connections, pipeline extensions, pasture taps, and other costs. Each producer is eligible for cost-share on up to three projects and may be reimbursed up to 65%, but no more than \$10,000 of the eligible cost for each project. Livestock producers in counties impacted by a drought rating of D2 (severe) or higher, and adjacent counties and tribal nations will be eligible for the program.

The following motion was made:

Moved by Commissioner Goehring and seconded by Commissioner Anderson the Commission reactivate, in accordance with the drought disaster declaration issued by the Governor of North Dakota, the Drought Disaster Livestock Water Supply Assistance Program (DDLWSAP) effective August 18, 2026, for counties designated D2 and those adjacent

as identified in the declaration and, authorize \$2,000,000 for the 2026 DDLWSAP, consisting of the remaining \$1,713,564 in carryover funding from the 2021-23 biennium and \$286,436 from the 2025-27 discretionary fund.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Volk, Walker, Zimmerman, Goehring, and Governor Armstrong voted aye. There were no nay votes. The motion carried.

COST-SHARE AND GOVERNANCE AND FINANCE POLICY DISCUSSION

Governor Armstrong emphasized the need to reform the cost-share policy citing the finite nature of oil and gas tax revenues and the increasing demands on the Resources Trust Fund. Two philosophies for cost-share were discussed: maintaining high percentages and funding fewer projects or lowering percentages to fund more projects and maximize statewide impact. Governor Armstrong stated the latter aims to stretch resources and leverage local and federal investment. The Commission was urged to prioritize maximizing the return on state dollars, supporting more communities, and leveraging additional investment, rather than focusing solely on high cost-share percentages. Governor Armstrong referenced a recent example where a lower cost-share percentage allowed funding for an additional community, demonstrating the benefits of flexible policy. The cost-share policy should be tied to project priorities, local responsibility, affordability, and sound financial decisions, avoiding unaffordable projects reliant on state bailouts.

The importance of long-term financial planning was stressed, moving away from biennium-based management and considering impacts 5, 10, and 15 years ahead. Governor Armstrong called for governance structures that clarify operational and financial responsibilities for regional water systems, align risk with decision-making, and ensure accountability to users. The state should not indefinitely bear growing financial risk. The Commission was encouraged to consider new governance models for major water systems (SWPP, NAWS, Red River Valley Water Supply), and to be open to change despite lobbying and pushback from those benefiting from the current structure. Leadership was defined as making responsible decisions for the long-term benefit of North Dakota, not just preserving comfortable arrangements. Commissioners were expected to challenge recommendations and propose alternatives if needed.

Governor Armstrong highlighted the need for financial discipline, partnership, and prioritization, noting that success should be measured by the amount of water infrastructure built, not by cost-share percentages. The Commission was thanked for engaging seriously in the process, with the expectation that decisions would be made for the state's long-term benefit.

CONSIDERATION OF THE AGENDA

Commissioner Veeder moved to remove item H3. Ransom Co WRD: Fort Ransom Dam Modification from the consent agenda. The motion was seconded by Commissioner Zimmerman and passed by unanimous vote.

Commissioner Frith moved to approve the August 18, 2026, meeting agenda as amended. The motion was seconded by Commissioner Volk and passed by unanimous vote.

DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

Commissioner Walker disclosed a potential conflict of interest with agenda item H1. Burke Co WRD: North Star Dam Removal due to her employment with Barr Engineering.

CONSIDERATION OF MEETING MINUTES

Commissioner Goehring moved to approve the June 9, 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 July 23, 2026, Pre-Commission meeting minutes as written. The motion was seconded by Commissioner Volk and passed by unanimous vote.

COMMISSION SECRETARY UPDATE

Reice Haase, DWR Director, Commission Secretary, provided an update on State Water Commission funding obligations, carryover funds, and the ongoing cost-share policy and governance and finance studies. The Large Regional, Municipal, and Rural Water buckets are substantially or fully obligated, with the current meeting agenda expected to fully obligate the General Water bucket. The Discretionary bucket will be used to fund the activated drought disaster livestock program. Haase reported that \$282.8 million of prior biennium carryover funds has been spent, leaving \$287.2 million remaining. Haase also reported that meetings have been held in all eight basins and public comments have been reviewed as part of developing a revised cost-share policy. The draft policy will address the state's current budget realities and is not expected to mirror the Deloitte recommendations exactly. An implementation plan for the cost-share and governance and finance recommendations is expected to be presented to the Water Topics Overview Committee on September 17, with additional discussions with the Commission planned throughout the remainder of the year and potential Commission action anticipated at the December meeting. The NAWA Authority submitted a resolution supporting Deloitte Option 1, which would provide the Authority with additional responsibility and the ability to hire an executive director. Haase will meet with the Southwest Water Authority in September to discuss the Deloitte recommendations and obtain feedback. The Garrison Diversion Conservancy District and Lake Agassiz Water Authority submitted resolutions supporting Deloitte Option 3 for the Red River Valley Water Supply Project, which would place ownership of the project with the State Water Commission while continuing to contract with Garrison to complete the project. Haase also reported receiving positive feedback on Option 3 from the mayors of Grand Forks, Fargo, and West Fargo during the basin meetings.

FINANCIAL REPORT

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

The oil extraction tax deposits total \$207,191,407 estimated through July 2026 for the 2025-27 biennium, which is \$19,193,675 above the projected biennium revenue of \$187,997,728 through July 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 1-1C: Modifications to Existing Intake Pump Stations—Award and Funding Authorization Update

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. 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.

The following motion was made:

Moved by Commissioner Goehring and seconded by Commissioner Volk the Commission allocate \$3.02 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 \$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.

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

Contract 2-2I: Metallic Raw Water Pipeline Replacement—Award Authorization

Froseth discussed plans to replace approximately 2,500 feet of microbiologically affected ductile iron pipeline near Dodge. Project plans and specifications have been completed, and bids were advertised beginning August 4, with bid opening scheduled for the following week. Due to the project's time-sensitive nature, staff requested pre-authorization for the contract award, allowing Secretary Haase to award the contract following the bid opening and prior to the October State Water Commission meeting. The project is intended to allow pipe to be ordered for installation in late winter or early spring, with potential dewatering work occurring this fall. Staff recommended using contractor-procured pipe rather than owner-procured pipe, as previous owner procurement did not provide a time savings and would affect available tax-exemption benefits. Funding authorization will be requested at the October SWC meeting.

The following motion was made:

Moved by Commissioner Goehring and seconded by Commissioner Veeder the Commission authorize the Secretary to award Contract 2-2I, Raw Water Main Transmission Pipeline Replacement, to the lowest responsible bidder.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Volk, Walker, Zimmerman, Goehring, 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:

High Service Pump Station—Operations and Maintenance Agreement

Hicks presented the proposed High Service Pump Station Operations and Maintenance Agreement between the State Water Commission and the City of Minot, with an anticipated effective date of January 1, 2027. The agreement formalizes the roles and responsibilities of the City of Minot and the Department of Water Resources for the pump station, which serves the City of Minot and the NAWS Regional Water System. The City of Minot will be responsible for day-to-day operations, routine and preventive maintenance, SCADA alarm response, and maintaining maintenance records, while the Department of Water Resources will retain ownership responsibilities and be responsible for electricity costs, property taxes, insurance, and administration of the existing NAWS reserve fund. The City will provide bi-monthly maintenance reports and operational data to the Department. Cost-sharing will be based on average water usage from 2023 through 2025, with Minot accounting for 87% and the NAWS system accounting for 13% of usage. Accordingly, the Department will reimburse the City for approximately 13% of annual operations and maintenance costs, with the percentage updated annually based on the preceding three years of water usage. The agreement remains subject to legal review and approval by the Minot City Council. Staff recommended that the State Water Commission authorize the Secretary to finalize and execute the agreement with the City of Minot.

The following motion was made:

Moved by Commissioner Zimmerman and seconded by Commissioner Goehring the 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.

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

Replace and Extraordinary Maintenance—Isolation Vault #2 & Raw Water Transmission Line Repairs

Hicks presented two requests for reimbursement from the NAWS Replacement and Extraordinary Maintenance (REM) Fund. The first request was for repairs to Isolation Vault No. 2, which was discovered completely flooded in December 2025, resulting in damage to electrical and instrumentation equipment. An investigation determined that low pressure at the Minot Sundre Booster Station was likely the cause of the incident. DWR has been working with the City of Minot to ensure appropriate discharge pressure is maintained to prevent a recurrence. The estimated cost to restore the electrical and instrumentation components is just over \$110,000. The second request involved a raw water transmission line failure that occurred on August 4 near Totten Trail while water was being conveyed from the lake to the Biota Water

Treatment Plant. The repair has been completed at an estimated cost of approximately \$30,000, and a failure analysis is underway to help prevent recurrence. Hicks reported that the current NAWS REM Fund balance is \$4,558,130 as of May 31 and recommended that the State Water Commission approve use of REM funds for both the Isolation Vault No. 2 repairs and the raw water transmission line repair.

The following motion was made:

Moved by Commissioner Zimmerman and seconded by Commissioner Anderson the Commission approve isolation vault #2 repairs and raw water transmission line repairs as eligible Replacement and Extraordinary Maintenance projects.

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

STATE COST-SHARE REQUESTS

General Water

Commissioner Anderson discussed the General Water project: Ransom County Water Resource District—Fort Ransom Dam Modifications. Commissioner Anderson requested that the Ransom County item be removed from the consent agenda to allow additional discussions between the Ransom County Water Resource District and DWR staff regarding potential coordination on the dam rehabilitation project. Commissioner Anderson requested Ransom County to work collaboratively with DWR on the project and noted that coordination among dam rehabilitation projects help avoid duplicative efforts and reduce project costs. DWR staff were recognized for taking a proactive role in exploring opportunities for coordination and cooperation among the projects.

Dr. Duane Pool, DWR Planning and Education Division Director, provided an update on DWR's Operation Safe Flow initiative, which was initiated late last year to evaluate several low-head dams, including the Ransom County Fort Ransom Dam. DWR engaged a consulting firm to complete preliminary design evaluations, and the agency's construction crew also developed an estimate for dam removal. Three alternatives are being considered: private removal of the dam, removal by DWR's construction crew, or mitigation of the existing structure by leaving it in place and constructing rock riffles downstream. The rock riffle alternative was the option presented by the Ransom County Water Resource District at the time of application, with an estimated project cost of \$457,500 and a required 25% local cost-share. DWR subsequently provided the district with information regarding the other alternatives, including an estimated \$237,000 cost for DWR's construction crew to remove the dam. The Ransom County Water Resource District has not yet made a final decision regarding the contracting option. Dr. Pool noted that, given the Commission's longstanding priority of addressing low-head dams and the associated public safety concerns, DWR is prepared to use its own staff and construction crew to remove the dam at no cost to the local water resource district. Dr. Pool emphasized that many of these structures are legacy dams inherited by local districts and that the Fort Ransom Dam presents significant life-safety concerns.

**Ransom Co WRD: Fort Ransom Dam Modification
(SWC Project No. 0275)**

\$457,500

Ransom County Water Resource District (WRD) requested 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.

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

Moved by Commissioner Goehring and seconded by Commissioner Frith, DWR staff work with the Ransom County Water Resource District (WRD) to evaluate options for low head dam removal of the Fort Ransom Dam, including coordination with DWR for potential state-led removal. The Commission further approved Ransom County WRD's request for state cost-share participation in the Fort Ransom Dam modification project at 75% of eligible costs, with a state cost-share amount not to exceed \$457,500. This approval is contingent upon the availability of funding.

Commissioners Anderson, Frith, Hansen, Odermann, Veeder, Volk, Walker, Zimmerman, Goehring, 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

Burke Co. WRD	North Star Dam Removal	\$185,282
GDGD	MM 10R Irrigation Project	\$253,729

General Water (Conveyance)

Pembina Co WRD	Drain 4 Stabilization	\$100,609
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Water Supply (Discretionary)

Medora	New Water Storage Reservoir	\$784,156
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Water Supply (Municipal)

City of Underwood	Water System Improvements	\$450,074
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There were no questions, and the following motion was made:

Moved by Commissioner Veeder and seconded by Commissioner Hansen the Commission approve the Consent Agenda items as presented.

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

GENERAL WATER, WATER SUPPLY, AND DEFERRED PROJECT FUNDING

Dr. Pool 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

General Water (Discretionary)

Abigail Franklund, DWR Cost-Share Program Manager, presented the following general water (discretionary) project.

Pembina Co WRD: Pembina City Dam Modifications (SWC Project No. 0299)

\$1,185,243

Pembina County Water Resource District (WRD) requested construction cost-share assistance for the Pembina City Dam Modification 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.

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

Moved by Commissioner Odermann and seconded by Commissioner Anderson the Commission fund the request from the Pembina County Water Resource District for state cost-share participation in the Pembina City Dam Modification project at 75% of eligible costs, not to exceed \$1,185,243. This approval is contingent on available funding.

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

General Water (Conveyance)

Franklund presented the following general water (conveyance) projects.

Cass County Joint WRD: Cass County Drain 13 Outlet Improvements (SWC Project No. 1069)

\$165,000

North Cass Water Resource District (WRD) requested preconstruction cost-share funding for the Cass County Drain 13 Outlet Improvements 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 bridge at the 20th Street SE crossing with two 14-foot by 12-foot reinforced concrete box culverts.

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

Moved by Commissioner Goehring and seconded by Commissioner Hansen the Commission fund the request from the North Cass Water Resource District for state cost-share participation in the Cass County Drain 13 Outlet Improvements project at 60% of eligible costs, not to exceed \$165,000. This approval is contingent on available funding.

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

**North Cass WRD: Cass County Drain 26 Improvements \$279,626
(SWC Project No. 1079)**

North Cass Water Resource District (WRD) requested construction cost-share for the Cass County Drain 26 Channel Improvement project. The purpose of the project is to replace culverts and reconstruct a half mile of channel in Sections 27 and 28 of Wiser 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.

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

Moved by Commissioner Zimmerman and seconded by Commissioner Goehring the Commission fund the request from the North Cass Water Resource District for state cost-share participation in the Cass County Drain 26 Channel Improvement project at 60% of eligible costs, not to exceed \$279,626. This approval is contingent on available funding.

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

**Richland Co WRD: Drain 4 (33) Improvements \$127,218
(SWC Project No. 1178)**

The Richland County Water Resource District (WRD) requested construction cost-share for the Richland County Drain 4 (33) Reconstruction project. Drain 4 Lateral 33 is a combined drain system with a north and south outlet discharging into 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.

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

Moved by Commissioner Odermann and seconded by Commissioner Anderson the Commission fund the request from the Richland County Water Resource District for state cost-share participation in the Richland County Drain 4 (33) Improvement project at 60% of eligible costs, not to exceed \$127,218. This approval is contingent on available funding.

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

Water Supply (Rural/Regional)

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

Northeast RWD: User and Reservoir Expansion \$1,277,607 (SWC Project No. 2050NOE)

Northeast Regional Water District requested 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 the Walhalla Meter Station.

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 Goehring the Commission approve the request from the Northeast Regional Water District for an additional state cost-share participation in the User and Reservoir Expansion project in the amount of \$1,277,607, or 75% of eligible costs, with total cost-share not to exceed \$2,799,856. 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.

WAWSA: R&T Stanley and Little Knife Bay \$646,650 (SWC Project No. 1973)

The Western Area Water Supply Authority requested 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.

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 Veeder the Commission approve the request from the Western Area Water Supply Authority for state cost-share participation in the R&T Water District

Stanley Part II Alt II and Little Knife Bay project at 75% of eligible rural costs, and 60% of eligible extra-territorial area costs, not to exceed \$646,650. 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.

Grenora	Water Treatment Plant Improvement	\$30,000
Steele	Water Main Replacement Phase I	\$124,200
Almont	Drinking Water and Sanitary Sewer	\$47,540
Cassellton	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
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

WESTERN AREA WATER SUPPLY AUTHORITY (WAWSA) PROJECT UPDATE

Chris Barke, WAWSA Executive Director, presented the WAWSA project update detailing ongoing and upcoming projects across five counties, including pipeline installations, pump station upgrades, and coordination with the US Forest Service, with construction and funding timelines outlined for each project.

LEGAL UPDATES

Matthew Sagsveen, Attorney General's Office, 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 August 18, 2026, meeting at 3:30 PM. The next State Water Commission meeting will be held on September 16, 2026, at 1:00 PM CT .

Michelle Strinden, Lieutenant Governor
Acting Chairman, State Water Commission

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

MINUTES

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North Dakota State Water Commission Special Meeting via Microsoft Teams August 26, 2026

The ND State Water Commission (Commission or SWC) held a special meeting via Microsoft Teams on August 26, 2026. Lt. Governor Strinden called the meeting to order at 1:00 PM. 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
Doug Goehring, ND Agriculture Commissioner
Michael Anderson, Lower Red River Basin
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
Jay Volk, Lower Missouri River Basin
April Walker, Upper Red River Basin
Jason Zimmerman, Mouse River Basin

Others Present:

Reice Haase, Director, ND Dept. of Water Resources (DWR or Department) and Commission Secretary
Patrick Fridgen, DWR Deputy Director
Jen Verleger, DWR General Counsel
DWR Staff
Approximately 32 people present online.

CONSIDERATION OF THE AGENDA

Commissioner Zimmerman moved to approve the August 26, 2026, special meeting agenda as presented. The motion was seconded by Commissioner Anderson and passed by unanimous vote.

DROUGHT DISASTER LIVESTOCK PROGRAM

Reice Haase, DWR Director, stated the Drought Disaster Livestock Water Supply Assistance Program (DDLWSAP) was activated on August 18, 2026. The Commission authorized \$2,000,000, consisting of the remaining \$1,713,564 in carryover funding from the 2021-23 biennium and \$286,436 from the 2025-27 discretionary fund. During the current activation, the program has received applications from 191 producers to develop 221 reliable livestock water supply projects, and the Department of Water Resources has obligated approximately \$1,012,027 in cost-share funding for 122 approved projects. Approximately \$967,973 remains in currently appropriated funding from the August 18, 2026, activation. There are an additional 97 applications awaiting staff review for an estimated \$807,311, leaving approximately \$160,662 available for the DDLWSAP.

The following motion was made:

Moved by Commissioner Goehring and seconded by Commissioner Veeder the Commission appropriate, in accordance with the drought disaster declaration issued by the Governor of North Dakota, an additional \$2,000,000 for the Drought Disaster Livestock Water Supply Assistance Program, for a total of \$4,000,000 for the 2026 program activation.

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

EXECUTIVE SESSION

Under Authority of NDCC § 44-04-19.1(9) for Attorney Client Consultation regarding Northwest Area Water Supply Biota Water Treatment Plant

It was the recommendation of Lt. Governor Strinden that further discussion relating to the Northwest Area Water Supply Biota Water Treatment Plant be held in Executive Session, under the provisions of NDCC § 44-04-19.1(9), for the purpose of attorney consultation. The Commission invited the following to participate in the Executive Session:

State Water Commission Members Present:

Lt. Governor Strinden, Acting Chairman
Doug Goehring, Commissioner, ND Agriculture Commissioner
Michael Anderson, Lower Red River Basin
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
Jay Volk, Lower Missouri River Basin
April Walker, Upper Red River Basin
Jason Zimmerman, Mouse River Basin

Others Present:

Reice Haase, DWR Director and Commission Secretary
Patrick Fridgen, DWR Deputy Director
Jen Verleger, DWR General Counsel
Sindhuja S. Pillai Grinolds, DWR Water Development Division Director
Brandon Hicks, NAWS Project Manager
Shana Brost, Administrative Officer
Chris Kadrmas, DWR Administration Division Director
Abby Ebach, DWR Policy Advisor
Aaron Weber, Policy Advisor, Governor's Office
Ben Gehrig, DWR Data & Technology Services
Caryn Boisen, Larson King (DWR Outside Counsel)

Moved by Commissioner Zimmerman and seconded by Commissioner Volk that under the provision of NDCC § 44-04-19.1(9), the Commission proceed into Executive Session on August 26, 2026, at 1:08 PM for the purpose of attorney consultation relating to the Northwest Area Water Supply Biota Water Treatment Plant.

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

Following attorney consultation regarding the Northwest Area Water Supply Biota Water Treatment Plant, Lt. Governor Strinden reconvened the open session of the Commission meeting at 1:34 PM.

Lt Governor Strinden indicated that the Commission provided guidance to staff and legal counsel during the executive session, and that no motions were made.

There being no further business to come before the Commission, Lt. Governor Strinden adjourned the August 26, 2026, special meeting at 1:35 PM. The next State Water Commission meeting will be held on September 16, 2026, at 1:00 PM CT.

Michelle Strinden, Lieutenant Governor
Acting Chairman, State Water Commission

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

**North Dakota State Water Commission
Pre-Commission Meeting
September 16, 2026**

The North Dakota State Water Commission (Commission or SWC) held a Pre-Commission meeting via Teams and in-person on September 16, 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
Jeff Frith, Devils Lake Basin (online)
Steve Hansen, James River Basin
James Odermann, Little Missouri, Upper Heart, and Upper Cannonball River Basins (online)
Gene Veeder, Upper Missouri River Basin (online)
Jason Zimmerman, Mouse River Basin (online)

COMMITTEE MEMBERS ABSENT:

Jay Volk, Lower Missouri River Basin
April Walker, Upper Red River Basin

OTHERS PRESENT:

Reice Haase, Director ND Department of Water Resources (DWR), Commission Secretary
Patrick Fridgen, DWR Deputy Director
John Paczkowski, State Engineer
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.

Final Navigability Determinations

Aaron Carranza, DWR Regulatory Division Director, presented an informational item regarding the fourth and final step in the navigability determination process for six currently claimed navigable waters: the Bois de Sioux River, Missouri River, Mouse River, Red River of the North, Upper Des Lacs Lake, and Yellowstone River.

The process is being conducted in compliance with the 2019 legislation establishing a four-step process between DWR and SWC to transparently communicate the need for, preliminary findings of, and final report regarding navigability determinations.

Upon completion of the navigability study, on May 12, 2026, DWR opened a 60-day comment period in accordance with NDCC § 61-33-05.1(2)(a). DWR received no comments. After the 60-day comment period, DWR held a public hearing on July 14, 2026, in accordance with NDCC § 61-33-05.1(2)(b). DWR received no comments.

Southwest Pipeline Project (SWPP)

Sindhuja S.Pillai-Grinolds, DWR Water Development Division Director, explained the Ray Christensen Pump Station (RCPS) houses pumps for the West, South, North and East Zones. 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 for the West Zone Transmission Improvements. West Zone Transmission Improvements include improvements to the RCPS. Long term upgrades to the RCPS include improvements to the pumps for the South zone and North and East Zone as well. Specific Authorization 242 authorized BW/AECOM to complete a Preliminary Design Report for the RCPS. Southwest Water Authority (SWA) 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 gallons per minute (gpm). The future water needs analysis shows an additional 383 gpm in identified needs. Adding an additional 50% for “blue sky” capacity to the identified needs, results in a future design allocation of 1,804 gpm.

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, South Dakota (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.

Approval will be requested for the recommended design capacity for the South Zone and North and East Zones at the October State Water Commission Meeting.

Northwest Area Water Supply (NAWS)

In response to an inquiry from Commissioner Walker, Brandon Hicks, NAWS Project Manager, presented information on NAWS’s Supervisory Control and Data Acquisition (SCADA) system and cybersecurity. SCADA combines hardware and software to allow operators to monitor and control water systems locally and remotely, including adjusting setpoints for seasonal demand changes.

Following a cybersecurity issue at the Minot water treatment plant in March, NAWS system’s SCADA provider and developer, PCI took the SCADA system offline for two to three days, performed a complete system scan, and restored operations. When the SCADA system was offline, the system worked with local hydraulic controls allowing uninterrupted water supply to the NAWS customers.

Hicks noted ongoing efforts such as disconnecting NAWS and Minot data communications, limiting web browser access, updating firewalls, multi-factor authentication, along with continued evaluation and involvement of subject matter experts is important for the NAWS customers.

Drought Disaster Livestock Water Supply Assistance Program

Cory Drevecky, DWR Water Resource Planner, stated following Governor Kelly Armstrong’s drought emergency declaration, the SWC activated the Drought Disaster Livestock Water Supply Assistance Program (DDLWSAP) to provide financial assistance to livestock producers experiencing water supply challenges due to drought conditions.

The DDLWSAP was activated on August 18, 2026. The Commission authorized \$2 million for the program, consisting of the remaining \$1,713,564 in carryover funding from the 2021–23 biennium and \$286,436 from the 2025–27 discretionary fund. Due to strong program demand, the Commission authorized an additional \$2 million in discretionary funds during a special Commission meeting on August 26, 2026, bringing total available program funding to \$4 million.

Before the application portal closed on September 1 due to limited funding, an additional \$91,215 in eligible funding requests had been submitted but not yet approved. To avoid denying these requests solely because available program funds had been fully obligated, staff recommended that the Secretary authorize additional funding. Secretary Haase approved \$84,255 in previously obligated 2021–23 biennium funding for livestock water improvements on state lands, along with \$6,960 in discretionary funding, providing the full \$91,215 needed to fund the remaining requests.

Four-Year Progress Reports

- **City of Natchez: Natchez Levee FEMA Certification Project**
Total Cost-Share \$355,106 Unused Balance: \$245,469.30
- **Red River Joint WRD: Lower Red Basin Regional Detention Study**
Total Cost-Share \$77,905 Unused Balance: \$31,327.44
- **Pembina County WRD: Crystal Flood Risk Reduction Project**
Total Cost-Share \$27,600 Unused Balance: \$27,600
- **Pembina County WRD: Cavalier Flood Risk Reduction Project**
Total Cost-Share \$28,800 Unused Balance: \$28,800
- **City of Killdeer: HWBL Water Expansion**
Total Cost-Share \$75,000 Unused Balance: \$58,800
- **All Season WUD: Rolla Area Booster**
Total Cost-Share \$26,000 Unused Balance: \$26,000

- **North Prairie WRD: Mountrail County Water Supply Phase 2**
Total Cost-Share \$3,086,000 Unused Balance: \$927,656.45

General Water

Franklund presented the following general water project to be presented at the October Commission meeting.

- **GDGD: LA10 Irrigation Project** **\$1,052,642**
The project sponsor requested a cost-share at 75 percent reimbursement for construction costs. The request will be deferred pending available funding.

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 rural and municipal water supply projects to be presented at the October Commission meeting. These projects are considered based on cost-share prioritization framework and available funding.

- **SEWUD: West Water Treatment Plant Phase 2** **\$514,00**
The project sponsor requested a cost-share at 75 percent reimbursement for preconstruction costs. The request will be on the consent agenda.
- **City of Grenora: Water Treatment Plant Improvement** **\$30,000**
The project sponsor requested preconstruction cost-share at 15 percent reimbursement after Department of Environmental Quality funding of 75 percent reimbursement. The request will be on the consent agenda.
- **City of Steele: Water Main Replacement** **\$124,200**
The project sponsor requested a cost-share at 60 percent reimbursement for preconstruction costs. The request will be on the consent agenda.
- **City of Almont: Drinking Water and Sanitary Sewer** **\$47,540**
The project sponsor requested a cost-share at 60 percent reimbursement for construction costs. The request will be on the consent agenda.

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

1. McVile	McVile WTP Rehabilitation	\$1,022,580	C
2. Casselton	Downtown Improvements Project	\$525,218	C
3. Harwood	North Main Water Loop	\$491,129	C
4. Grafton	Water System Replacement Phase I	\$2,556,064	C
5. Regent	Main Avenue Reconstruction	\$644,705	C
6. Watford City	2026 Water Main Replacement	\$2,130,923	C
7. West Fargo	1 st Avenue E Reconstruction	\$1,136,346	C
8. West Fargo	Meadow Ridge Reconstruction Phase I	\$1,120,118	C
9. Rolla	WTP Improvements	\$15,000	O
10. Binford	Water & Wastewater System Improvements	\$300,000	PC
11. Mandan	Intake Phase III Study	\$135,000	O
12. Stanley	Capital Improvements Project IV	\$95,460	PC

Governance and Finance Study

Haase discussed draft implementation plans for Southwest Pipeline Project (SWPP), Northwest Area Water Supply (NAWS), and Red River Valley Water Supply Project (RRVWSP) in response to the Regional Water Systems Governance and Finance Study.

SWPP: Option 2, supported by the Southwest Authority, maintains current governance model while leveraging capital repayment for long-term project financing, reducing reliance on the Resources Trust Fund for future construction needs.

NAWS: Option 1 for NAWS involves legislative changes to hire an executive director for the NAWS Authority, with the goal of building maturity within the NAWS Authority and transitioning NAWS Authority operational responsibilities from DWR.

RRVWSP: Option 3 proposes transferring project ownership and O&M (operations and maintenance) responsibility to the State Water Commission, while contracting with Garrison Diversion Conservancy District (GDCCD) for day-to-day operations. Both Lake Agassiz Water Authority (LAWA) and GDCCD have passed resolutions supporting the plan and detailed timelines for legislative and operational transitions.

Haase emphasized ongoing coalition building and stakeholder engagement. Commissioners discussed the development of long-term business and financial plans and rate structures.

DWR Cost-Share Study

Patrick Fridgen, DWR Deputy Director, presented revised recommendations from the cost-share policy study, reflecting public and stakeholder feedback, including tiered prioritization, adjusted cost-share percentages, disadvantaged community considerations, and project caps.

Fridgen stated the revised policy introduces Tier 1 (65%), Tier 2 (50%), and Tier 3 (40%) cost share levels, aligning replacement projects with prioritization tiers rather than a flat 25% as originally proposed by Deloitte. Projects in disadvantaged communities with populations under 10,000 are eligible for higher cost share percentages, utilizing Department of Environmental Quality affordability scoring mechanisms.

Commissioners debated the distinction between assessment drainage projects with positive assessment votes (eligible for higher cost share) and those funded through maintenance levies, emphasizing the benefits and communication challenges of each approach.

Fridgen stated recommendations include not implementing a \$5 million per project cap, obligating a \$260 million line of credit, and setting a 40% cost share cap for professional services, with case-by-case consideration for cost increase requests. Fridgen explained standardized definitions for project types are maintained, and sponsors are required to report back to the Commission if no activity occurs for two years, with emergency action plan compliance required for cost share eligibility.

There being no further items of discussion, the meeting adjourned at 2:57 PM.

Respectfully submitted,

Shana L. Brost, Executive Assistant

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
FROM: John Paczkowski, State Engineer
SUBJECT: Bois de Sioux River Navigability Determination Report
DATE: October 8, 2026



This memo serves as the Department of Water Resources' (Department) navigability determination report as required by North Dakota Century Code (N.D.C.C.) § 61-33-05.1(3) for the Bois de Sioux River.

During the 66th Legislative Assembly (2019), House Bill 1202 (HB1202) was passed. HB1202 created a formal process the Department must use in making navigability determinations via N.D.C.C. § 61-33-05.1. This process included engagement with the State Water Commission (SWC) at key decision points during public meetings.

In accordance with N.D.C.C. § 61-33-05.1(1), Department staff appeared before the SWC October 8, 2020, to consult and demonstrate the public need and purpose for the navigability determination of all currently claimed navigable waters (N.D.C.C. § 61-33-01(3)).

The 68th Legislative Assembly (2023) appropriated up to \$180,000 to the Department to contract out the navigability investigation of six navigable waters. Those waters were:

1. Bois de Sioux River
2. Missouri River
3. Mouse River
4. Red River of the North
5. Upper Des Lacs Lake
6. Yellowstone River

The Department entered into a contract with JE Fuller on April 12, 2024, to conduct a navigability study on these six waterbodies.

Upon completion of the navigability study, on May 12, 2026, the Department opened a 60-day comment period in accordance with N.D.C.C. § 61-33-05.1(2)(a). The Department received no comments. After the 60-day comment period, the Department held a public hearing on July 14, 2026, in accordance with N.D.C.C. § 61-33-05.1(2)(b). The Department received no comments.

Bois de Sioux River Navigability Study Summary

Historical records included documentation of a variety of uses before and at statehood including recreational and commercial boating, fishing, fur trapping, and transportation of people and

goods between what is now Minnesota and North Dakota and between Canada and the United States. There were no documented stream gages on the Bois de Sioux River until 1919, but gage records from 1919 to present show average water flows sufficient for water passage, especially during the spring high flows. Prior to statehood two prominent fur trading companies had established posts on Lake Traverse, which the Bois de Sioux River drains, and ran their businesses north and south from that location reaching all the way to Cananda. Post statehood, in 1930, two teenagers journaled their voyage from Minneapolis to the Hudson Bay by canoe where they wrote about navigating the Bois de Sioux River.

JE Fuller's opinion was that based on gage records and historical data collected, "the Bois de Sioux River was navigable in its entirety within the entirety of North Dakota at statehood on November 2, 1889."

Final Determination of Navigability of the Bois de Sioux River

Based on the historical information the Department previously collected, in conjunction with the data JE Fuller collected in their Bois de Sioux River study, the Department reaffirms that the Bois de Sioux River is navigable in its entirety within North Dakota.

Background information available to view at the following link (http://ftp.swc.nd.gov/_YUloFk9EwZVBdR) and at the Department office.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
FROM: John Paczkowski, State Engineer
SUBJECT: Missouri River Navigability Determination Report
DATE: October 8, 2026



This memo serves as the Department of Water Resources' (Department) navigability determination report as required by North Dakota Century Code (N.D.C.C.) § 61-33-05.1(3) for the Missouri River.

During the 66th Legislative Assembly (2019), House Bill 1202 (HB1202) was passed. HB1202 created a formal process the Department must use in making navigability determinations via N.D.C.C. § 61-33-05.1. This process included engagement with the State Water Commission (SWC) at key decision points during public meetings.

In accordance with N.D.C.C. § 61-33-05.1(1), Department staff appeared before the SWC October 8, 2020, to consult and demonstrate the public need and purpose for the navigability determination of all currently claimed navigable waters (N.D.C.C. § 61-33-01(3)).

The 68th Legislative Assembly (2023) appropriated up to \$180,000 to the Department to contract out the navigability investigation of six navigable waters. Those waters were:

1. Bois De Sioux River
2. Missouri River
3. Mouse River
4. Red River of the North
5. Upper Des Lacs Lake
6. Yellowstone River

The Department entered into a contract with JE Fuller on April 12, 2024, to conduct a navigability study on these six waterbodies.

Upon completion of the navigability study, on May 12, 2026, the Department opened a 60-day comment period in accordance with N.D.C.C. § 61-33-05.1(2)(a). The Department received no comments. After the 60-day comment period, the Department held a public hearing on July 14, 2026, in accordance with N.D.C.C. § 61-33-05.1(2)(b). The Department received no comments.

Missouri River Navigability Study Summary

Robust historical records include documentation of a variety of uses before and at statehood including recreational and commercial boating, fishing, fur trapping, and transportation of people, soldiers, and goods along the Missouri River from Montana to the Mississippi River.

Gage records from 1928 through 1965 show consistent water flow sufficient for water passage. Several Native American villages, government forts, fur trader posts, and settlements along with several businesses that relied upon the river are recorded along the extent of the Missouri River within North Dakota. Despite the lack of gage records prior to statehood, there are extensive records showing a variety of boats, including dugout canoes, keelboats, and ferries used for travel and commerce dating back to the 1730s.

JE Fuller's opinion was that based on gage records and historical data collected, "the Missouri River was navigable in its entirety within the entirety of North Dakota at statehood on November 2, 1889."

Final Determination of Navigability of the Missouri River

Based on the historical information the Department previously collected, in conjunction with the data JE Fuller collected in their Missouri River study, the Department reaffirms that the Missouri River is navigable in its entirety within North Dakota.

Background information available to view at the following link (<http://ftp.swc.nd.gov/YUloFk9EwZVBdR>) and at the Department office.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
FROM: John Paczkowski, State Engineer
SUBJECT: Mouse (Souris) River Navigability Determination Report
DATE: October 8, 2026



This memo serves as the Department of Water Resources' (Department) navigability determination report as required by North Dakota Century Code (N.D.C.C.) § 61-33-05.1(3) for the Mouse (Souris) River.

During the 66th Legislative Assembly (2019), House Bill 1202 (HB1202) was passed. HB1202 created a formal process the Department must use in making navigability determinations via N.D.C.C. § 61-33-05.1. This process included engagement with the State Water Commission (SWC) at key decision points during public meetings.

In accordance with N.D.C.C. § 61-33-05.1(1), Department staff appeared before the SWC October 8, 2020, to consult and demonstrate the public need and purpose for the navigability determination of all currently claimed navigable waters (N.D.C.C. § 61-33-01(3)).

The 68th Legislative Assembly (2023) appropriated up to \$180,000 to the Department to contract out the navigability investigation of six navigable waters. Those waters were:

1. Bois De Sioux River
2. Missouri River
3. Mouse River
4. Red River of the North
5. Upper Des Lacs Lake
6. Yellowstone River

The Department entered into a contract with JE Fuller on April 12, 2024, to conduct a navigability study on these six waterbodies.

Upon completion of the navigability study, on May 12, 2026, the Department opened a 60-day comment period in accordance with N.D.C.C. § 61-33-05.1(2)(a). The Department received no comments. After the 60-day comment period, the Department held a public hearing on July 14, 2026, in accordance with N.D.C.C. § 61-33-05.1(2)(b). The Department received no comments.

Mouse (Souris) River Navigability Study Summary

Historical records included documentation of a variety of uses before and at statehood, including recreational and commercial boating, fishing, fur trapping, and transportation of people

and goods both within Canada and the United States. Stream gage records from 1903 to 2024 show average water flows sufficient for water passage. By 1820, several small posts, along with larger forts, were built along the Mouse River, mostly within Canada, but a few were documented near Minot and Velva, North Dakota. Fur traders were recorded to travel cross-country from Canada to the United States using the Mouse River and traversing to the Red River Valley and back by establishing winter posts, staying close to the river during the winter months, and using the river during early spring high-flows to transport their furs.

JE Fuller's opinion was that based on gage records and historical data collected, "the Mouse River was navigable in its entirety within the entirety of North Dakota at statehood on November 2, 1889."

Final Determination of Navigability of the Mouse River

Based on the historical information the Department previously collected, in conjunction with the data JE Fuller collected in their Mouse River study, the Department reaffirms that the Mouse River is navigable in its entirety within North Dakota.

Background information available to view at the following link (http://ftp.swc.nd.gov/_YUloFk9EwZVBdR) and at the Department office.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
FROM: John Paczkowski, State Engineer
SUBJECT: Red River of the North Navigability Determination Report
DATE: October 8, 2026



This memo serves as the Department of Water Resources' (Department) navigability determination report as required by North Dakota Century Code (N.D.C.C.) § 61-33-05.1(3) for the Red River of the North.

During the 66th Legislative Assembly (2019), House Bill 1202 (HB1202) was passed. HB1202 created a formal process the Department must use in making navigability determinations via N.D.C.C. § 61-33-05.1. This process included engagement with the State Water Commission (SWC) at key decision points during public meetings.

In accordance with N.D.C.C. § 61-33-05.1(1), Department staff appeared before the SWC October 8, 2020, to consult and demonstrate the public need and purpose for the navigability determination of all currently claimed navigable waters (N.D.C.C. § 61-33-01(3)).

The 68th Legislative Assembly (2023) appropriated up to \$180,000 to the Department to contract out the navigability investigation of six navigable waters. Those waters were:

1. Bois De Sioux River
2. Missouri River
3. Mouse River
4. Red River of the North
5. Upper Des Lacs Lake
6. Yellowstone River

The Department entered into a contract with JE Fuller on April 12, 2024, to conduct a navigability study on these six waterbodies.

Upon completion of the navigability study, on May 12, 2026, the Department opened a 60-day comment period in accordance with N.D.C.C. § 61-33-05.1(2)(a). The Department received no comments. After the 60-day comment period, the Department held a public hearing on July 14, 2026, in accordance with N.D.C.C. § 61-33-05.1(2)(b). The Department received no comments.

Red River of the North Navigability Study Summary

Historical records included documentation of a variety of uses before and at statehood including recreational and commercial boating, fishing, fur trapping, and transportation of people and goods between what is now Minnesota and North Dakota and between Canada and the United

States. Stream gages on the Red River of the North date back to 1882. With over 140 years of flow data, there is sufficient data that shows average water flows sufficient for water passage, especially during the spring high flows. The Moorhead/Fargo area was a hub before and after statehood for moving goods and people and the Red River of the North was integral for shipping supplies and furs north and south between the U.S. and Canada.

JE Fuller's opinion was that based on gage records and historical data collected, "the Red River of the North was navigable in its entirety within the entirety of North Dakota at statehood on November 2, 1889."

Final Determination of Navigability of the Red River of the North

Based on the historical information the Department previously collected, in conjunction with the data JE Fuller collected in their Red River of the North study, the Department reaffirms that the Red River of the North is navigable in its entirety within North Dakota.

Background information available to view at the following link (http://ftp.swc.nd.gov/_YUloFk9EwZVBdR) and at the Department office.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
FROM: John Paczkowski, State Engineer
SUBJECT: Upper Des Lacs Lake Navigability Determination Report
DATE: October 8, 2026



This memo serves as the Department of Water Resources' (Department) navigability determination report as required by North Dakota Century Code (N.D.C.C.) § 61-33-05.1(3) for the Upper Des Lacs Lake.

During the 66th Legislative Assembly (2019), House Bill 1202 (HB1202) was passed. HB1202 created a formal process the Department must use in making navigability determinations via N.D.C.C. § 61-33-05.1. This process included engagement with the State Water Commission (SWC) at key decision points during public meetings.

In accordance with N.D.C.C. § 61-33-05.1(1), Department staff appeared before the SWC October 8, 2020, to consult and demonstrate the public need and purpose for the navigability determination of all currently claimed navigable waters (N.D.C.C. § 61-33-01(3)).

The 68th Legislative Assembly (2023) appropriated up to \$180,000 to the Department to contract out the navigability investigation of six navigable waters. Those waters were:

1. Bois de Sioux River
2. Missouri River
3. Mouse River
4. Red River of the North
5. Upper Des Lacs Lake
6. Yellowstone River

The Department entered into a contract with JE Fuller on April 12, 2024, to conduct a navigability study on these six waterbodies.

Upon completion of the navigability study, on May 12, 2026, the Department opened a 60-day comment period in accordance with N.D.C.C. § 61-33-05.1(2)(a). The Department received no comments. After the 60-day comment period, the Department held a public hearing on July 14, 2026, in accordance with N.D.C.C. § 61-33-05.1(2)(b). The Department received no comments.

Upper Des Lacs Lake Navigability Study Summary

Historical records included documentation of a variety of uses before and at statehood including recreational and commercial boating, fishing, fur trapping, and a ferry large enough to carry two

teams of horses and their weighed down wagons named the Will-o'-the-Wisp. There were no early gages on Upper Des Lacs Lake, but there is sufficient records showing pre and early statehood navigation and the need for a bridge due to increased settlement in the area.

JE Fuller's opinion was that based on gage records and historical data collected, "the Upper Des Lacs Lake was navigable in its entirety within the entirety of North Dakota at statehood on November 2, 1889."

Final Determination of Navigability of the Upper Des Lacs Lake

Based on the historical information the Department previously collected, in conjunction with the data JE Fuller collected in their Upper Des Lacs Lake study, the Department reaffirms that the Upper Des Lacs Lake is navigable in its entirety within North Dakota.

Background information available to view at the following link (<http://ftp.swc.nd.gov/YUloFk9EwZVBdR>) and at the Department office.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
FROM: John Paczkowski, State Engineer
SUBJECT: Yellowstone River Navigability Determination Report
DATE: October 8, 2026



This memo serves as the Department of Water Resources' (Department) navigability determination report as required by North Dakota Century Code (N.D.C.C.) § 61-33-05.1(3) for the Yellowstone River.

During the 66th Legislative Assembly (2019), House Bill 1202 (HB1202) was passed. HB1202 created a formal process the Department must use in making navigability determinations via N.D.C.C. § 61-33-05.1. This process included engagement with the State Water Commission (SWC) at key decision points during public meetings.

In accordance with N.D.C.C. § 61-33-05.1(1), Department staff appeared before the SWC October 8, 2020, to consult and demonstrate the public need and purpose for the navigability determination of all currently claimed navigable waters (N.D.C.C. § 61-33-01(3)).

The 68th Legislative Assembly (2023) appropriated up to \$180,000 to the Department to contract out the navigability investigation of six navigable waters. Those waters were:

1. Bois De Sioux River
2. Missouri River
3. Mouse River
4. Red River of the North
5. Upper Des Lacs Lake
6. Yellowstone River

The Department entered into a contract with JE Fuller on April 12, 2024, to conduct a navigability study on these six waterbodies.

Upon completion of the navigability study, on May 12, 2026, the Department opened a 60-day comment period in accordance with N.D.C.C. § 61-33-05.1(2)(a). The Department received no comments. After the 60-day comment period, the Department held a public hearing on July 14, 2026, in accordance with N.D.C.C. § 61-33-05.1(2)(b). The Department received no comments.

Yellowstone River Navigability Study Summary

Historical records included documentation of a variety of uses before and at statehood including recreational and commercial boating, fishing, fur trapping, and transportation of people and freight between what is now Montana and North Dakota. Stream gages on the Yellowstone

River date back to 1910 with sufficient data that shows average water flows sufficient for water passage, especially during the spring high flows. Several steamboat transportation businesses operated on the Yellowstone River and the Missouri River advertising low stream flow passage carrying freight and military supplies to the several settlements and military posts located along the rivers.

JE Fuller's opinion was that based on gage records and historical data collected, "the Yellowstone River was navigable in its entirety within the entirety of North Dakota at statehood on November 2, 1889."

Separately, in State ex rel. N. Dakota State Eng'r v. Leland, the court accepted that the Yellowstone River was navigable at the time of statehood. 2026 ND 99, ¶ 4, 36 N.W.3d 522 ("After trial, the court entered an order deciding the Yellowstone River was navigable at statehood.")

Final Determination of Navigability of the Yellowstone River

Based on the historical information the Department previously collected, in conjunction with the data JE Fuller collected in their Yellowstone River study, the Department reaffirms that the Yellowstone River is navigable in its entirety within North Dakota.

Background information available to view at the following link (<http://ftp.swc.nd.gov/YUloFk9EwZVBdR>) and at the Department office.

TO: Lt. Governor Michelle Strinden & North Dakota Water Commission Members
FROM: Reice Haase, Director-Secretary
SUBJECT: Financial Updates
DATE: October 8, 2026



Glossary

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

2025–2027 Resources Trust Fund

Oil extraction tax deposits total \$249,414,362 estimated through September 2026 for the 2025-27 biennium. This is \$33,588,556 **above** the projected biennium revenue of \$215,825,806 through September 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 \$36.8 million through September 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 September 23, 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.

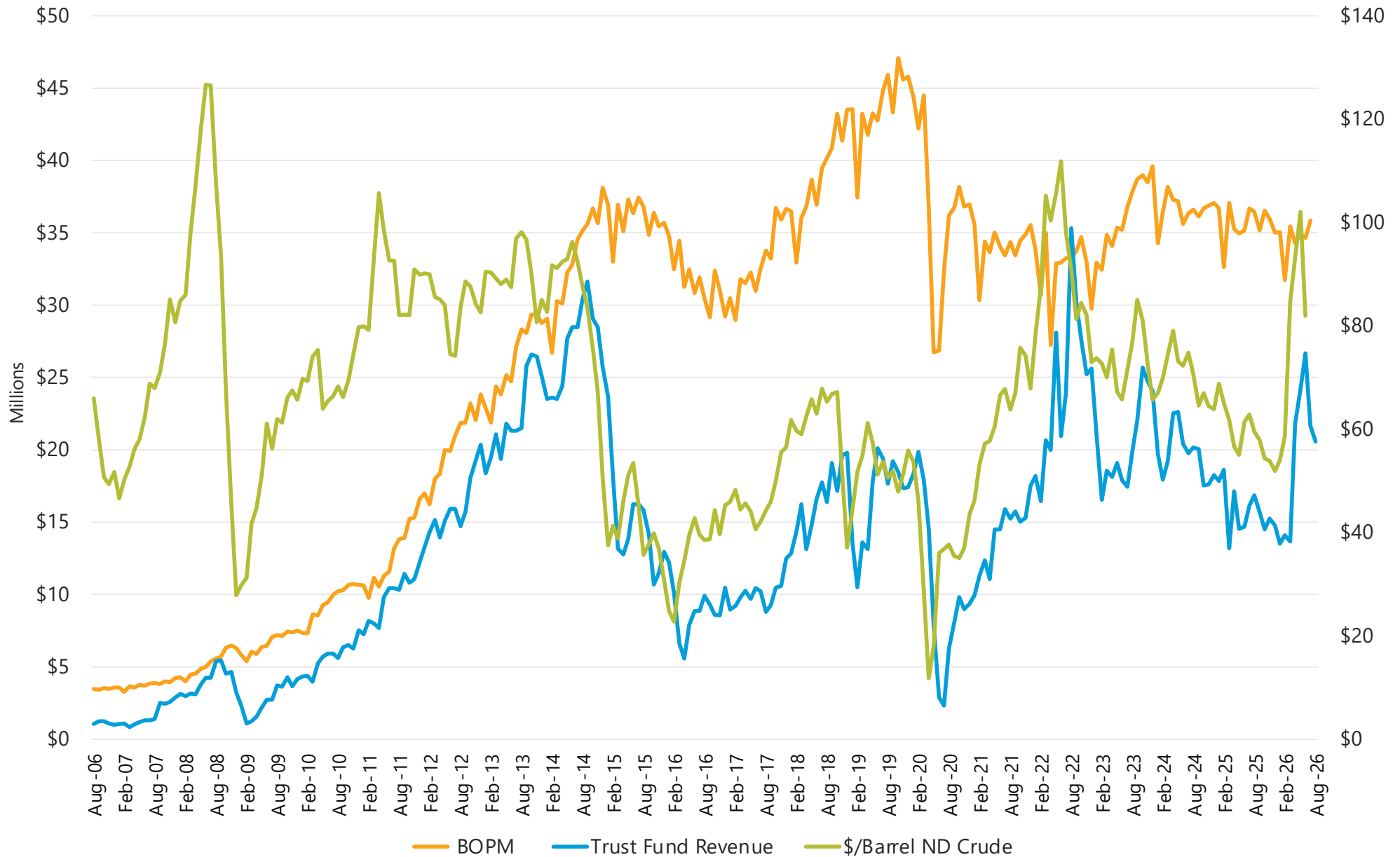
Unobligated Carryover-Previous biennium funding, not associated with a project released to the Resource Trust Fund.

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

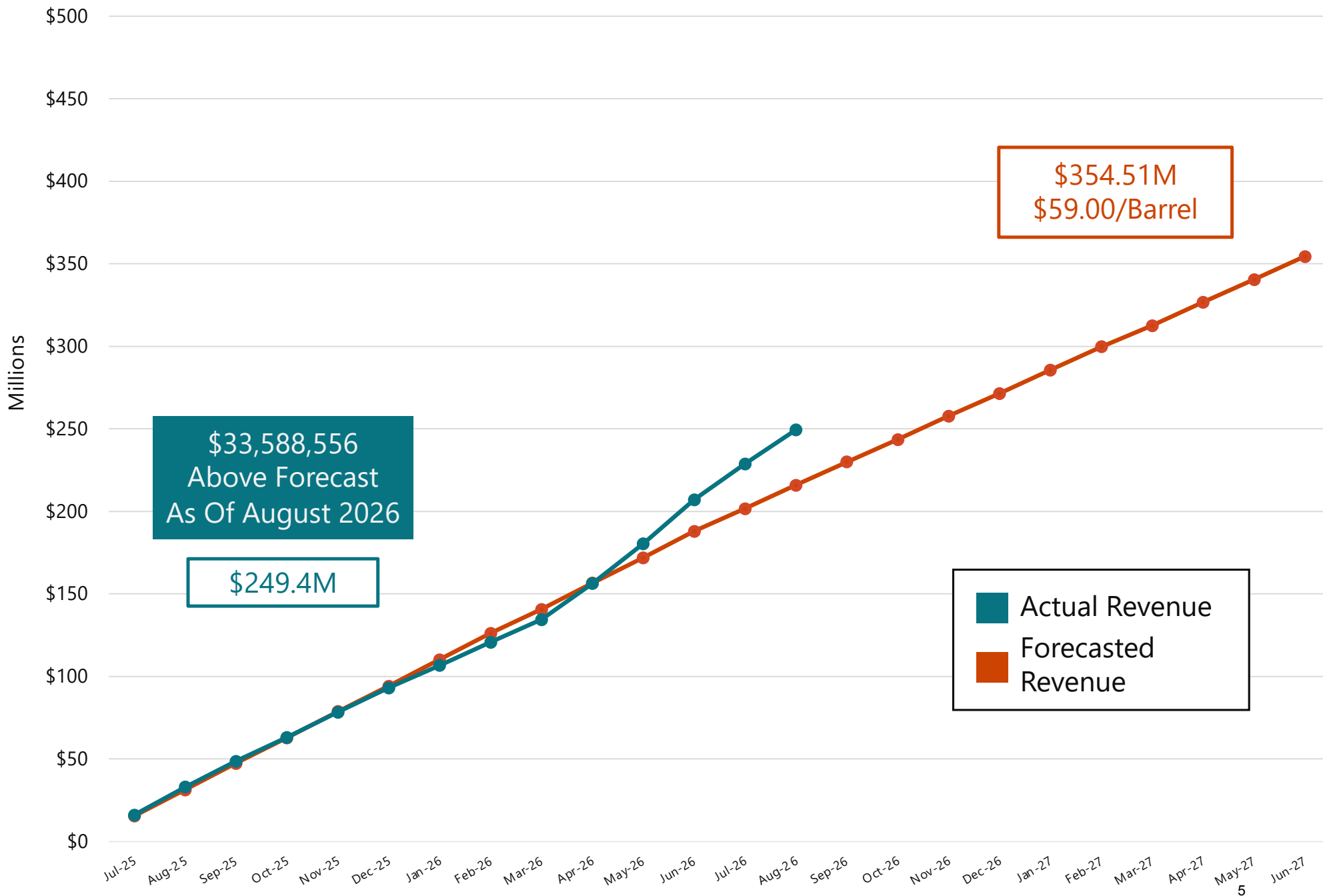
Water Infrastructure Revolving Loan Fund (WIRLF) Eligibility-Approval by the State Water Commission of the eligibility of projects to apply for a Water Infrastructure Revolving Loan in compliance with cost share and statutory authority. Final loan approval is by the Bank of North Dakota.

RESOURCES TRUST FUND REVENUE

AUGUST 2006 - AUGUST 2026



RESOURCES TRUST FUND REVENUE

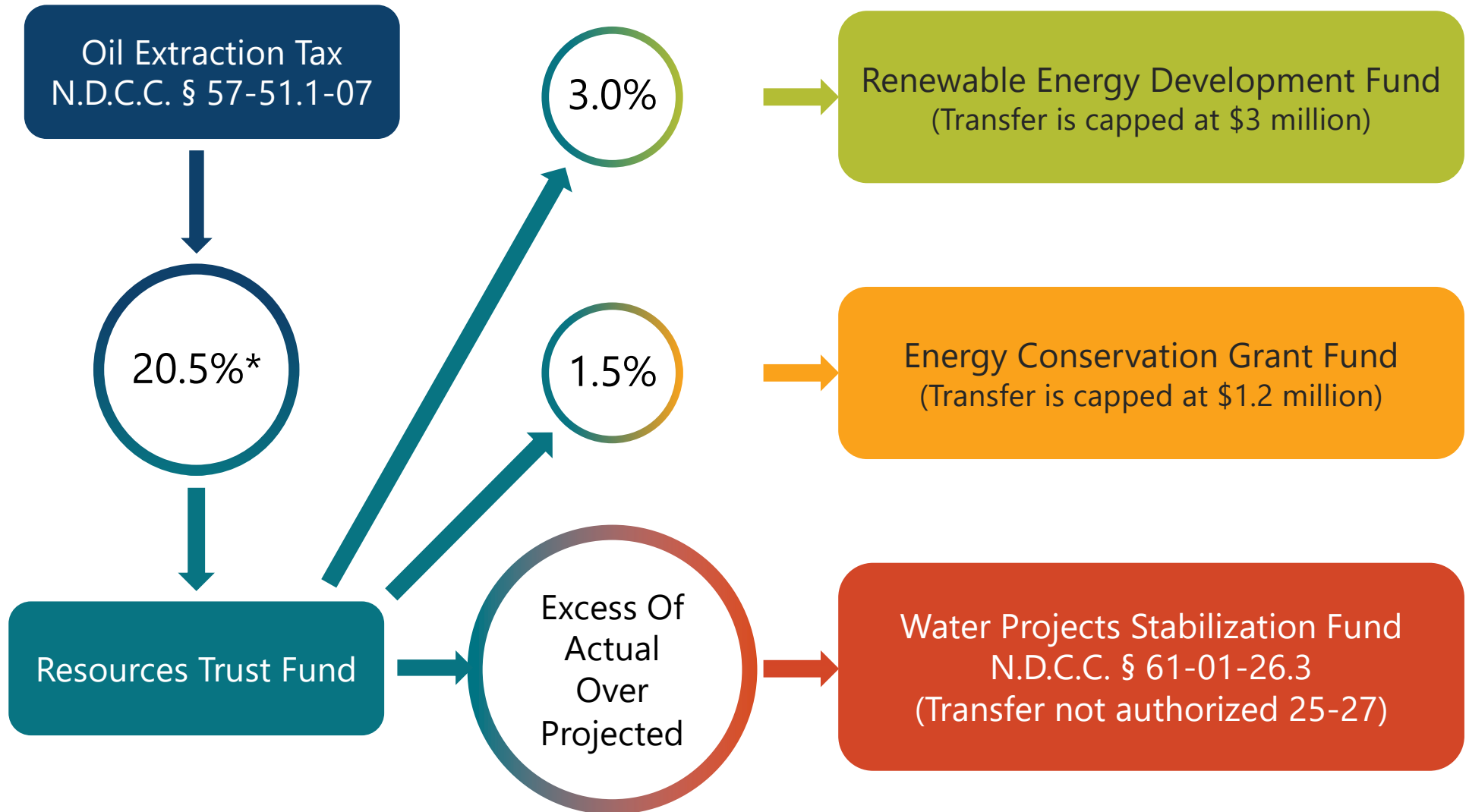


OIL EXTRACTION REVENUE
FOR THE 2025 - 2027 BIENNIUM

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	24,185,879	120,929		24,064,949
JULY, 2026	15,966,930	79,835		15,887,095	26,693,238	133,466		26,559,772
AUGUST, 2026	13,685,940	68,430		13,617,510	21,648,593	108,243		21,540,350
SEPTEMBER, 2026	14,142,138	70,711		14,071,427	20,574,366	55,800		20,518,566
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	\$249,414,362	\$1,200,000.00	\$3,000,000	\$245,214,362

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

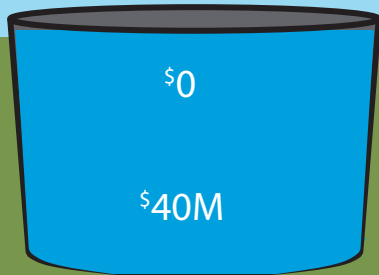


*Through September 2026, \$36.8 million has accumulated because of the additional 0.5% of oil extraction tax.

2025-27 PURPOSE FUNDING

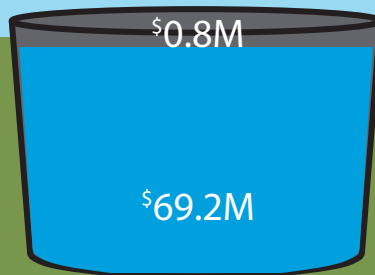
JULY 2025-SEPTEMBER 2026

\$40M



Water Supply
Municipal

\$70M



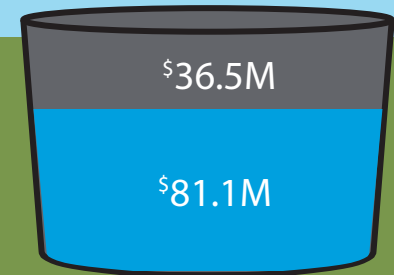
Water Supply
Rural

\$245M



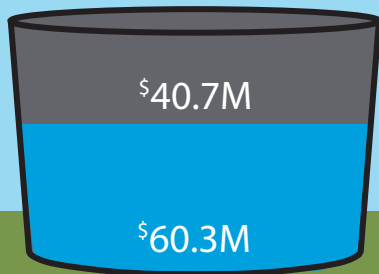
Regional
Water Supply

\$117.6M



Flood Control Projects

\$101M



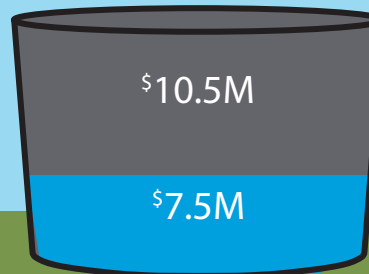
*SWPP

\$12.59M



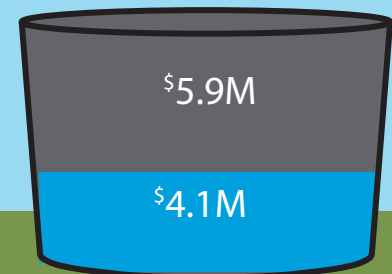
NAWS

\$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 October 8, 2026

2025-2027
Unobligated
Appropriation
09-23-26

Carryover
Turnback
06-30-25

Flood Control		Unobligated Appropriation	\$ 36,500,000	\$ 29,430,526
		Cost-Share		
1				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ 36,500,000	\$ 29,430,526

General Water		Unobligated Appropriation	\$ -	\$ 1
		Cost-Share		
1				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ -	\$ 1

General Water - Conveyance			\$ 10,536,838	\$ -
		Cost-Share		
1				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ 10,536,838	\$ -

Water Supply - Municipal		Unobligated Appropriation	\$ -	\$ 1,223,661
		Cost-Share		
PC 1	L-1: Grenora: WTP Improvement			\$ 30,000.00
PC 2	L-2: Steele: Water Main Replacement			\$ 124,200.00
C 3	L-3: Almont: Drinking Water and Sanitary Sewer			\$ 47,540.00
C 4	N-1: McVile: McVile WTP Rehabilitation			\$ 1,021,920.00
		Current Requests	\$ -	\$ 1,223,660
		Estimated Unobligated Appropriation =	\$ -	\$ 1

Water Supply - Rural		Unobligated Appropriation	\$ 813,603	\$ 1,253,725
		Cost-Share		
PC 1	K-1: SEWUD: West WTP Phase 2			\$ 514,100
		Current Requests	\$ -	\$ 514,100
		Estimated Unobligated Appropriation =	\$ 813,603	\$ 739,625

Regional Water Supply		Unobligated Appropriation	\$ 21,810,211	\$ 208,209
		Cost-Share		
1				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ 21,810,211	\$ 208,209

PURPOSE FUNDING SUMMARY
State Water Commission Cost-Share
for October 8, 2026

2025-2027 Unobligated Appropriation 09-23-26	Carryover Turnback 06-30-25
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Discretionary		Unobligated Appropriation	\$ 5,855,015	\$ 329,219
		Cost-Share		
1				
		Current Requests	\$ -	\$ -
		Estimated Unobligated Appropriation =	\$ 5,855,015	\$ 329,219

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	\$ 142,831,454	\$ 36,391,489
		Current Requests	\$ -	\$ 1,737,760
		Estimated Unobligated Appropriation =	\$ 142,831,454	\$ 34,653,729
		Total Current Requests	\$ -	\$ 1,737,760

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

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

September 23, 2026

	2023-2025 CARRYOVER	2025-2027 APPROPRIATION	TOTAL	SWC/Secretary APPROVED	UNOBLIGATED APPROPRIATION
MUNICIPAL WATER SUPPLY:					
MUNICIPAL WATER SUPPLY	99,817,883	40,000,000	139,817,883	139,817,883	0
UNOBLIGATED MUNICIPAL/REG WATER SUPPLY	1,223,661	0	1,223,661		1,223,661
Total	101,041,544	40,000,000	141,041,544	139,817,883	1,223,661
% OBLIGATED		100%	99%		
RURAL WATER SUPPLY:					
RURAL WATER SUPPLY	40,772,842	69,186,397	109,959,239	109,959,239	0
UNOBLIGATED RURAL WATER SUPPLY	1,253,725	813,603	2,067,328		2,067,328
Total	42,026,567	70,000,000	112,026,567	109,959,239	2,067,328
% OBLIGATED		99%	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	18,189,789	44,641,258	44,641,258	0
UNOBLIGATED REGIONAL WATER SUPPLY	208,209.40	21,810,211	22,018,420		22,018,420
Total	138,591,827	245,000,000	383,591,827	361,573,407	22,018,420
SWC				25	397
		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	8,970,271	0	8,970,271	8,970,271	0
PROPERTY ACQUISITIONS	0	0	0	0	0
UNOBLIGATED FLOOD CONTROL	29,430,526	36,500,000	65,930,526		65,930,526
Total	154,143,328	117,600,000	271,743,328	205,812,802	65,930,526
% OBLIGATED		69%	76%		
SUBTOTAL	447,482,682	490,988,000	938,470,682	836,693,909	101,776,774
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	10,360,748	3,388,000	13,748,748	13,748,748	0
GENERAL WATER - CONVEYANCE	1,318,668	4,463,162	5,781,830	5,781,830	
UNOBLIGATED GENERAL WATER	1	10,536,838	10,536,838		10,536,838
Total	11,679,416	18,388,000	30,067,416	19,530,578	10,536,838
% OBLIGATED		18%	46%		
DISCRETIONARY FUNDING:					
DISCRETIONARY FUNDING PROJECTS	12,895,452	4,144,985	17,040,437	17,040,437	0
UNOBLIGATED DISCRETIONARY	329,219	5,855,015	6,184,234		6,184,234
Total	13,224,671	10,000,000	23,224,671	17,040,437	6,184,234

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

September 23, 2026

	2023-2025 CARRYOVER	2025-2027 APPROPRIATION	TOTAL	SWC/Secretary APPROVED	UNOBLIGATED APPROPRIATION
% OBLIGATED		41%	73%		
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	1,032,449,760	166,235,943

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

September 23, 2026

	SWC/Secretary APPROVED	EXPENDITURES	UNPAID APPROVALS
WATER SUPPLY:			
MUNICIPAL WATER SUPPLY	139,817,883	46,773,324	93,044,559
RURAL WATER SUPPLY	109,959,239	51,978,486	57,980,753
TOTAL	249,777,122	98,751,810	151,025,312
REGIONAL WATER SUPPLY:			
RED RIVER VALLEY	316,932,148	119,707,002	197,225,146
WESTERN AREA WATER SUPPLY	44,641,258	26,914,061	17,727,197
TOTAL	361,573,407	146,621,063	214,952,343
FLOOD CONTROL:			
MOUSE RIVER	146,492,435	50,802,101	95,690,334
MOUSE RIVER HB1431	16,089,452	13,889,708	2,199,744
VALLEY CITY	19,285,671	913,731	18,371,941
LISBON	124,974	97,998	26,976
OTHER FLOOD CONTROL	8,970,271	2,470,965	6,499,305
TOTAL	205,812,802	68,638,449	137,174,353
GENERAL WATER:			
WATER CONVEYANCE	5,781,830	1,684,600	4,097,230
GENERAL WATER	13,748,748	5,957,058	7,791,690
TOTAL	19,530,578	7,641,658	11,888,920
SUBTOTAL	579,297,911	225,325,803	353,972,108
STATE OWNED PROJECTS:			
SWPP CAPITAL ASSETS	147,263,299	45,595,962	101,667,337
NAWS CAPITAL ASSETS	31,033,031	9,950,470	21,082,562
DEVILS LAKE OUTLET	8,717	0	8,717
TOTAL	178,305,047	55,546,431	122,758,616
DISCRETIONARY FUNDING:			
DISCRETIONARY FUNDING PROJECTS	17,040,437	7,540,517	9,499,920
BASINWIDE PLAN IMPLEMENTATION:			
BASINWIDE PLAN IMPLEMENTATION	410,367	108,537	301,830
TOTALS	1,032,449,760	384,848,465	647,601,295

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission 
FROM: Reice Haase, Secretary
SUBJECT: SWPP – Ray Christensen Pump Station Upgrades Preliminary Design Report – Design Decision
DATE: September 23, 2026

The Ray Christensen Pump Station (RCPS) houses pumps for the West, South, North and East Zones. 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 for the West Zone Transmission Improvements. West Zone Transmission improvements include improvements to the RCPS. Long term upgrades to the RCPS include improvements to the pumps for the South Zone and North and East Zones as well. Specific Authorization 242 authorized BW/AECOM to complete the Preliminary Design Report 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 gallons per minute (gpm). The future water needs analysis shows an additional 383 gpm in identified needs. Adding an additional 50% for "blue sky" capacity to the identified needs, results in a future design allocation of 1,804 gpm.

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, South Dakota (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.

Recommendation:

I recommend the State Water Commission approve the future design capacity allocation in the Ray Christensen Pump Station's Preliminary Design Report to be 1,804 gallons per minute for the North and East Zones and 3,118 gallons per minute for the South Zone.

RH:SSP:/1736-99

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission 
FROM: Reice Haase, Secretary
SUBJECT: SWPP – Contract 2-2I Raw Water Main Transmission Pipeline
Replacement — Funding Authorization
DATE: September 22, 2026

Background/Discussion:

Southwest Pipeline Project, Contract 2-2I, Raw Water Main Transmission Pipeline Replacement, Dodge to Richardton generally consists of furnishing and installing 1,964 linear feet of 42-inch Class 250 ductile iron pipe (DIP) with a bonded coating system; and removing and replacing 540 linear feet of 30-inch Class 250 DIP with a bonded coating system. It also includes furnishing 200 linear feet of additional 30-inch Class 250 DIP with bonded coating; furnishing 40 linear feet of additional 42-inch Class 250 DIP with bonded coating system; furnishing and installing reinforced concrete pipe weights; furnishing and installing 4 concrete manholes with appurtenant items; 4 owner-coordinated tie-ins to existing 30-inch DIP with restrained fittings and concrete thrust blocks; furnishing and installing restraining harnesses on the existing pipeline near tie-in locations; furnishing and installing all cathodic protection items, including joint bonds, test stations, and insulating couplers; furnishing and installing joint closures as shown on the drawings; and furnishing and installing all other related appurtenances as required by the Project Drawings, Specifications, and Contract Documents. This project requires the contractor to provide and install a stamped dewatering plan, prepared by a North Dakota registered professional engineer, for the creek crossing as shown in the Contract Documents. The documents include a Bid Alternate to furnish and install 1,960 linear feet of controlled low strength material for abandoning the existing 30-inch pipeline. The project is located in Dunn County, North Dakota, approximately 7 miles southwest of Dodge, and east of 8680 12th Street SW.

Contract Award:

At the August 18, 2026, State Water Commission (SWC) meeting, the SWC authorized the Secretary to award Contract 2-2I to the lowest responsible bidder.

Bids for this project were opened on August 25, 2026. Two bid packages were received. The low bid was submitted by PWS from Brooklyn Park, MN, and the other bidder was BEK Consulting, from Dickinson, ND. Based on the evaluation of bids completed by the SWPP's consulting engineer Bartlett & West/AECOM, the low bidder PWS is not considered a responsible bidder due to the lack of relevant experience in large metallic pipeline installation. The other bid received was \$1,289,479.08 higher than the low bid from PWS. After discussing the attached evaluation of bids with the Department of Water Resources' (DWR) legal counsel, staff agrees with not awarding the contract to PWS. The contract will be awarded to BEK Consulting, in the amount of \$6,673,490 along with the Bid Alternate.

Funding:

At the August 2022 SWC meeting, the Commission approved guidance for SWPP's Replacement and Extraordinary Maintenance (REM) fund, noting that the REM fund will provide a portion of the replacement costs for Capital Projects, which includes metallic pipeline replacement projects. It is understood that the portion to be funded by the REM fund is the local cost-share expected for similar projects under the SWC's cost-share policy, which currently for regional water systems like SWPP is 25%.

At the February 2025 SWC meeting, SWC approved a policy whereby the DWR would be the lead agency for managing replacement of Capital Projects with SWA reimbursing DWR, the REM fund's share for the replacement project.

SWPP Contract 2-2I includes replacement of the 1,964 linear feet of existing 30-inch ductile iron pipe with 42-inch ductile iron pipe. The upsizing of the pipeline is for long-term hydraulic capacity improvements and would be funded 100% by the SWC as the Owner of SWPP.

SWPP Contract 2-2I includes furnishing and installation costs for both 30-inch and 42-inch ductile iron pipeline. Based on the bid costs submitted by BEK Consulting, the cost for upsizing the pipeline from 30-inch to 42-inch is \$600 per linear foot, resulting in a total upsizing cost of \$1,178,400 which will be 100% funded by SWC. The remaining contract cost of \$5,495,090 will be split 75% from SWC and 25% from the REM funds. REM

reimbursement will be requested from SWA based on incurred construction costs for the contract and construction management costs.

The table shows the estimated funding allocation breakdown between SWC and REM funds.

Description	Cost	Contingency	Estimated SWC Funding	Estimated SWA REM Cost
Contract 2-2I Contract Cost	\$6,673,490.00	-	-	-
Contract cost for upzing the pipe from 30-inch to 42-inch	\$1,178,400.00	5%	\$1,237,320.00	0
Remaining Contract Cost	\$5,495,090.00	5%	\$4,327,383.38	\$1,442,461.13
Construction Administration Cost (15% of total Contract Cost)	\$1,001,023.50	0	\$750,767.63	\$250,255.88
		Total	\$6,315,471.00	\$1,692,717.00

Recommendation:

I recommend the State Water Commission approve replacement costs included in SWPP Contract 2-2I as an eligible Replacement and Extraordinary Maintenance project with cost-share of 25% from the SWPP's REM funds and allocate \$6.32 million to the Southwest Pipeline project from the funds appropriated in the 2025-2027 biennium for the SWPP Contract 2-2I, Raw Water Main Transmission Pipeline Replacement, Dodge to Richardton.



September 21, 2026

North Dakota State Water Commission
Attn: Mr. Justin Froseth, P.E., Project Manager
1200 Memorial Highway
Bismarck ND 58504

**SUBJECT: SWPP Contract 2-2I Raw Water Main Transmission Pipeline Replacement
Dodge to Richardton
Evaluation of Received Bids
W.O. 3033.A47**

Justin:

On Tuesday, August 25, 2026, bids were opened for Southwest Pipeline Project (SWPP) Contract 2-2I, Raw Water Main Transmission Pipeline Replacement Dodge to Richardton. The scope of work generally consists of furnishing and installing 1,964 linear feet of 42-inch Class 250 ductile iron pipe (DIP) with a bonded coating system; removing and replacing 540 linear feet of 30-inch Class 250 DIP with a bonded coating system; furnishing 200 linear feet of additional 30-inch Class 250 DIP with bonded coating; furnishing 40 linear feet of additional 42-inch Class 250 DIP with bonded coating system, furnishing and installing reinforced concrete pipe weights; furnishing and installing 4 concrete manholes with appurtenant items, 4 owner-coordinated tie-ins to existing 30-inch DIP with restrained fittings and concrete thrust blocks; furnishing and installing restraining harnesses on the existing pipeline near tie-in locations; furnishing and installing all Cathodic Protection items, including joint bonds, test stations, and insulating couplers; furnishing and installing joint closures as shown on the drawings; and furnishing and installing all other related appurtenances as required by the Project Drawings, Specifications, and Contract Documents. This project requires the contractor to provide and install a stamped dewatering plan, prepared by a North Dakota registered professional engineer, for the creek crossing as shown in the Contract Documents. The documents include a Bid Alternate to furnish and install 1,960 linear feet of controlled low strength material for abandoning the existing 30-inch pipeline. The project is located in Dunn County, North Dakota, approximately 7 miles southwest of Dodge, ND, and east of 8680 12th Street SW.

Two bid packages were received for SWPP Contract 2-2I. Both bids appear to be in accordance with the Invitation for Construction Bids and the Bid Documents. These two bids are considered responsive bids. A tabulation of the bid results is attached. A copy of the bid tab has been provided to all bidders and other interested parties. A summary of the bids received is shown on the table below.

SOUTHWEST PIPELINE PROJECT CONTRACT 2-2I RAW WATER MAIN TRANSMISSION PIPELINE REPLACEMENT DODGE TO RICHARDTON		
Bidder	Base Bid	Amount Higher Than Low Bid
PWS Brooklyn Park, MN	\$5,286,853.72	-
BEK Consulting Dickinson, ND	\$6,469,650.00	+ \$1,182,796.28 22.4%
Engineer's Estimate	\$6,618,325.00	+ \$1,331,471.28 25.2%

SOUTHWEST PIPELINE PROJECT CONTRACT 2-2I RAW WATER MAIN TRANSMISSION PIPELINE REPLACEMENT DODGE TO RICHARDTON		
Bidder	Alternate Bid	Amount Higher Than Low Bid
PWS Brooklyn Park, MN	\$5,384,010.92	-
BEK Consulting Dickinson, ND	\$6,673,490.00	+ \$1,289,479.08 24.0%
Engineer's Estimate	\$6,745,725.00	+ \$1,361,714.08 25.3%

Based on our review of the apparent low bid received from PWS, Inc., the cost difference between the Engineers Estimate and the PWS bid is predominately in the cost to furnish and install the 42” Ductile Iron pipe. This bid item includes the ductile iron material and Pritec Coating along with the excavation, installation, and backfill requirements of the Contract. Comparing the bid item for furnishing and installing 42” ductile iron pipe with bid pricing for furnishing 42” ductile iron pipe, the difference in material pricing equates to \$410,768 while the installation cost difference is \$762,997.00. The PWS bid was supplied by Core and Main versus the second low bid was received from BEK and it was supplied by Ferguson. Both of the received bids are in accordance with the Invitation for Construction Bids and the Bid Documents.

Article 18.04 of the Instruction to Bidders states “If Owner awards the Contract for the Work, such award will be to the responsible Bidder submitting the lowest responsive Bid determined to be in the best interest of Owner, including any or no Bid Alternates.”

BW/AECOM utilizes the EJCDC C-451 Qualifications Statement which is required to be included with the Bid as it plays a significant role in the evaluation of Bids along with Bidder’s prior history with DWR and BW/AECOM to determine if a Bidder is considered responsible. This Qualification Statement provided with the Bid includes information such as licensing, safety, surety, and insurance information as well as construction experience information and a list of proposed key individuals for this project along with their resumes.

This project includes some unique characteristics that add layers of complexity. The project includes the installation of approximately 400 feet of 42” Ductile Iron Pipe to be installed with open excavation methods in an area that will be challenging with high water environmental conditions that requires dewatering. This project requires all pipe to be installed via open excavation methods due to the need to install cathodic protection and joint closures after each segment of pipe is installed in place. Another unique aspect is the requirement that the existing raw water pipeline shutdowns are limited to 12 hours or less and need to occur outside the peak operation season of May 15th to September 15th. These limitations apply to the 42” tie-ins as well as the installation of 540 feet of 30” pipeline. The 30” pipeline is to be removed and installed in place of the existing pipeline and if the Contractor is not able to remove and install the entire segment in a 12-hour duration, the contract allows the construction work to be sequenced and planned such that this work can be installed in multiple shutdowns.

Looking beyond the unique aspects of this project, BW/AECOM believes past experience with large diameter ductile iron projects is vital to the success of this project. This project requires line and grade installation with unrestrained sections of ductile iron pipe that necessitates careful planning and inherently has a low tolerance for error due to the use of joint deflections to maintain a planned pipeline profile. This project is not conducive to the allowance of installing additional fittings to account for field misalignment as the addition of fittings would also require joint restraints to be installed on either side of each fitting. This presents potential concerns with delays, especially for the portions of work that occur during pipeline outages. Due to these requirements, it is BW/AECOM’s opinion that Bidder’s must have experience with these more common aspects of this project.

Based on a review of the Qualification Statement submitted in the PWS, Inc Bid, PWS has worked with Bartlett & West, Inc. on numerous projects for Fort Berthold Rural Water (FBRW). On these FBRW projects, PWS has demonstrated experience with earthwork and site-development projects, with limited utility work. None of the FBRW projects completed by PWS involved the installation of ductile iron pipe. PWS's Qualifications Statement included references to three current projects and three references for similar projects. The references provided for similar projects included site development and utility work for an apartment building, site work and utility work for a commercial building, and utility relocations associated with the Southwest Light Rail project in Minneapolis, MN. BW/AECOM reached out to seven of the references provided and was able to contact five of them on four of the listed projects. Two of the references were for the Southwest Light Rail project. Based on discussions with these references, the work on this project consisted of water main relocations, sanitary sewer relocations, and storm sewer relocations. The listed reference in PWS's Qualification Statement, Mr. Dale Evans with Lunda Construction, stated he was not involved in the construction administration of the underground work on this project but was able to provide a contact for Mr. Aric Antil, who was the Underground Superintendent for CS McCrossan. BW/AECOM contacted Mr. Antil and he stated the work PWS performed on the light rail project had a limited ductile iron scope that related to the water main relocations. Further discussion indicated that this work was typical to smaller ductile iron relocations that are typical of municipal installations. Mr. Antil was familiar with line and grade installations of larger ductile iron pipe and stated the project with PWS did not have anything on the project that would be similar to our type of project. PWS was subsequently contacted to obtain more information regarding their ductile iron pipe experience. PWS indicated most of their ductile iron pipe experience has been associated with water main relocation work for the City of Minneapolis, such as the Southwest Light Project, and consisted primarily of 8"-12" ductile iron pipe relocations that involve concrete encasement. PWS indicated they have some experience with larger ductile iron pipe 18-24" although PWS stated this experience is not recent. Following this conversation, BW/AECOM obtained the standardized specifications and details published by the City of Minneapolis which indicated these projects utilized ductile iron with mechanical joint fittings with concrete encasement in sizes 6"-24". This is notable as this type of project with mechanical joint fittings and concrete encasement allows for fittings to be added as needed in the field without extensive planning and is vastly different from the scope of this SWPP project.

PWS also indicated in discussion that they have four PWS employees that have ductile iron experience. Of these individuals, two individuals had related ductile iron experience from the light rail project and two individuals have related experience from prior employments. A review of the key individuals listed in the provided PWS Qualifications Statement included a Project Manager with 7 years total experience with no notable ductile iron pipeline experience and a superintendent with less than 1 year of experience as a superintendent and 5 years of experience as an equipment operator. The Safety Manager listed in the PWS Qualification Statement is one of the individuals with prior employment experience on a ductile iron project completed in 2010. The other notable project experience came from an individual not listed in the Bid documents. This individual is the General Superintendent for PWS and has been employed at PWS since March 2025. This individual has experience from prior employment on three larger ductile iron pipe projects that were completed between 1993 and 2023.

Based on the qualification information submitted by PWS, the reference checks conducted by BW/AECOM, and the additional information provided by PWS regarding its ductile iron experience, BW/AECOM's assessment is that PWS has not demonstrated the experience that is considered to be similar in nature to the requirements for this project. Therefore, BW/AECOM is not able to consider PWS, Inc a responsible bidder for this project. It is thus BW/AECOM's opinion that an award to PWS, Inc for this project is not in the best interest of the Owner.

BW/AECOM has evaluated the second low Bidder, BEK Consulting, and BEK has provided a list of 16 projects currently under construction and provided a substantial list of similar project references dating back to 2014. This list includes several projects completed for Southwest Water Authority including Dry Creek Crossing Pipeline Replacement (Contract PP-2016-2), Decker Subdivision Pipeline Replacement (Contract PP-2020-1), and SWA 2-3A Pipeline Replacement (Contract PP-2022-1), and SWA 2-3F Pipeline Replacement-Goose Creek (Contract PP-2025-1). BEK has also completed the NAWs 2-4C Transmission project for the SWC. These projects are similar in nature to this project and BW/AECOM has firsthand knowledge that BEK has experience with these types of projects and is considered a responsible bidder. Subject to approval by your

legal counsel that the bid documents are in order from a legal standpoint, BW/AECOM has no reservations with recommending award of Contract 2-2I to BEK, other than the significant difference in bid amounts.

Acknowledging that this evaluation does not recommend award to PWS, the SWC may elect to award this project to the lowest responsible bidder, BEK Consulting, in the amount of \$6,673,490.00 for the Base Bid plus Bid Alternate 1 or could consider rebidding this project. Rebidding this Contract will require an adjustment of the Contract timelines which currently require substantial completion by May 31, 2027. This was identified as a project goal considering the significant corrosion observed in these areas with the exploratory excavations that occurred in 2023 and 2024. Rebidding would require the substantial completion date to be pushed back to the end of 2027 or the spring of 2028.

The contract documents require that the SWC award the contract, if awarded, within 60 calendar days after the bid opening as stipulated on the Bid Form. That date would be October 23, 2026.

Sincerely,

BARTLETT & WEST/AECOM

A handwritten signature in blue ink that reads "Tyson Decker". The signature is fluid and cursive, with the first name "Tyson" and last name "Decker" clearly distinguishable.

Tyson Decker, PE
Project Manager

Copy: SWA – Jen Murray
DWR- Sindhuja S. Pillai-Grinolds, P.E.
File: SWPP Contract 2-2I: 9.0

3456 East Century Avenue
BISMARCK, ND 58503
(701) 258-1110

DATE: AUGUST 25, 2026
LOCATION: ND DEPARTMENT OF WATER RESOURCES
CCI: 14,350.29

W.O. 3033.A47

Item No.	Description			Engineer's Estimate		PWS, INC. BROOKLYN PARK, MN		BEK CONSULTING DICKINSON, ND			
				Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount	Unit Price	Bid Amount
1	Mobilization, Demobilization, Bonding, Insurance, and Permits (no more than 5 percent of Contract Price)	EA	1	\$ 260,000.00	\$ 260,000.00	\$ 260,252.99	\$ 260,252.99	\$ 214,000.00	\$ 214,000.00		
2	Furnish and Install 42" Class 250 Ductile Iron Pipe with Bonded Coating System	LF	1,964	\$ 1,950.00	\$ 3,829,800.00	\$ 1,302.36	\$ 2,557,835.04	\$ 1,900.00	\$ 3,731,600.00		
3	Removal of Existing 30" DIP and Replacement of 540 feet of 30" Class 250 Ductile Iron Pipe with Bonded Coating System	LF	540	\$ 1,300.00	\$ 702,000.00	\$ 769.90	\$ 415,746.00	\$ 1,300.00	\$ 702,000.00		
4	Furnish and Installation of Dewatering System	EA	1	\$ 350,000.00	\$ 350,000.00	\$ 205,646.32	\$ 205,646.32	\$ 25,000.00	\$ 25,000.00		
5	Furnish and Installation of Tie Ins (Stations 511+83.60 and 491+80)	EA	2	\$ 150,000.00	\$ 300,000.00	\$ 232,909.67	\$ 465,819.34	\$ 272,000.00	\$ 544,000.00		
6	Furnish and Installation of Blowoff at Station 510+15	EA	1	\$ 80,000.00	\$ 75,000.00	\$ 139,985.76	\$ 139,985.76	\$ 119,000.00	\$ 119,000.00		
7	Furnish and Installation of CAV at Sta 502+15 and routing and final connection of Private water line from existing CAV	EA	1	\$ 40,000.00	\$ 40,000.00	\$ 56,604.46	\$ 56,604.46	\$ 97,000.00	\$ 97,000.00		
8	Furnish and Installation at Blowoff at 499+14	EA	1	\$ 80,000.00	\$ 80,000.00	\$ 138,628.84	\$ 138,628.84	\$ 119,000.00	\$ 119,000.00		
9	Removal and Disposal of Existing CAV and three (3) existing Blowoffs. Internal components are to be salvaged and provided to SWA and manhole removal.	EA	1	\$ 25,000.00	\$ 25,000.00	\$ 12,223.74	\$ 12,223.74	\$ 25,000.00	\$ 25,000.00		
10	Furnish and Installation of Tie-ins (Stations 464+80 and 469+80)	EA	2	\$ 30,000.00	\$ 60,000.00	\$ 10,530.79	\$ 21,061.58	\$ 31,000.00	\$ 62,000.00		
11	Furnish and Installation of Blowoff at Sta 467+74	EA	1	\$ 80,000.00	\$ 80,000.00	\$ 98,923.91	\$ 98,923.91	\$ 119,000.00	\$ 119,000.00		
12	Installation of Cathodic Protection Test Stations	EA	5	\$ 13,000.00	\$ 65,000.00	\$ 7,047.38	\$ 35,236.90	\$ 3,500.00	\$ 17,500.00		
13	Install Restrained Joint Harnesses on Existing pipe	EA	16	\$ 12,900.00	\$ 206,400.00	\$ 6,953.99	\$ 111,263.84	\$ 19,500.00	\$ 312,000.00		
14	Install Pipe Weights Sta 496+00 to 499+00	LF	425	\$ 765.00	\$ 325,125.00	\$ 1,532.52	\$ 651,321.00	\$ 550.00	\$ 233,750.00		
15	Furnish 30" Class 250 Ductile Iron Pipe with Bonded Coating System and Deliver to Owner	LF	200	\$ 850.00	\$ 170,000.00	\$ 409.65	\$ 81,930.00	\$ 530.00	\$ 106,000.00		
16	Furnish 42" Class 250 Ductile Iron Pipe with Bonded Coating System and Deliver to Owner	LF	40	\$ 1,250.00	\$ 50,000.00	\$ 859.35	\$ 34,374.00	\$ 1,070.00	\$ 42,800.00		
	Subtotal Base Bid (Items 1-16)				\$ 6,618,325.00		\$ 5,286,853.72		\$ 6,469,650.00		

Item No.	Description			Engineer's Estimate		PWS, INC. BROOKLYN PARK, MN		BEK CONSULTING DICKINSON, ND			
A1	Furnishing and Installing Controlled Low Strength Material in existing 30" pipeline	LF	1,960	\$ 65.00	\$ 127,400.00	\$ 49.57	\$ 97,157.20	\$ 104.00	\$ 203,840.00		
	Subtotal Base Bid and Alternate A1 Combined Bid				\$ 6,745,725.00		\$ 5,384,010.92		\$ 6,673,490.00		
	SUBCONTRACTORS										
	EARTHWORK										
	SEEDING					701 GREENER DICKINSON, ND		MIDWEST EROSION CONTROL DICKINSON, ND			
	CATHODIC PROTECTION										
	DEWATERING					GENERAL IRRIGATION & DEWATERING OAKES, ND					
	SUPPLIERS										
	PIPE, FITTINGS, ETC.					CORE & MAIN MINOT, ND		FERGUSON WATERWORKS BISMARCK, ND			
	MANHOLES AND PIPE WEIGHTS					RINKER MATERIALS MENOKEN, ND ENGINEERED CONCRETE PRODUCTS RAPID CITY, SD		ENGINEERED CONCRETE PRODUCTS RAPID CITY, SD			
	CATHODIC PROTECTION					CORE & MAIN MINOT, ND		FERGUSON WATERWORKS BISMARCK, ND			

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission 
FROM: Reice Haase, Secretary
SUBJECT: Drought Disaster Livestock Water Supply Assistance Program
DATE: September 23, 2026

Background & Description

Following Governor Kelly Armstrong's drought emergency declaration, the State Water Commission (Commission) activated the Drought Disaster Livestock Water Supply Assistance Program (DDLWSAP) to provide financial assistance to livestock producers experiencing water supply challenges due to drought conditions.

The DDLWSAP provides eligible livestock producers in designated counties with cost-share assistance of up to 65 percent of eligible project costs, not to exceed \$10,000 per project, with a maximum of three projects per applicant. Eligible projects include new wells, rural water system connections, pipeline extensions, pasture taps, pumps, generators, electrical or solar hookups, stock water tanks, contracted labor, materials, and equipment rentals for producer-completed work.

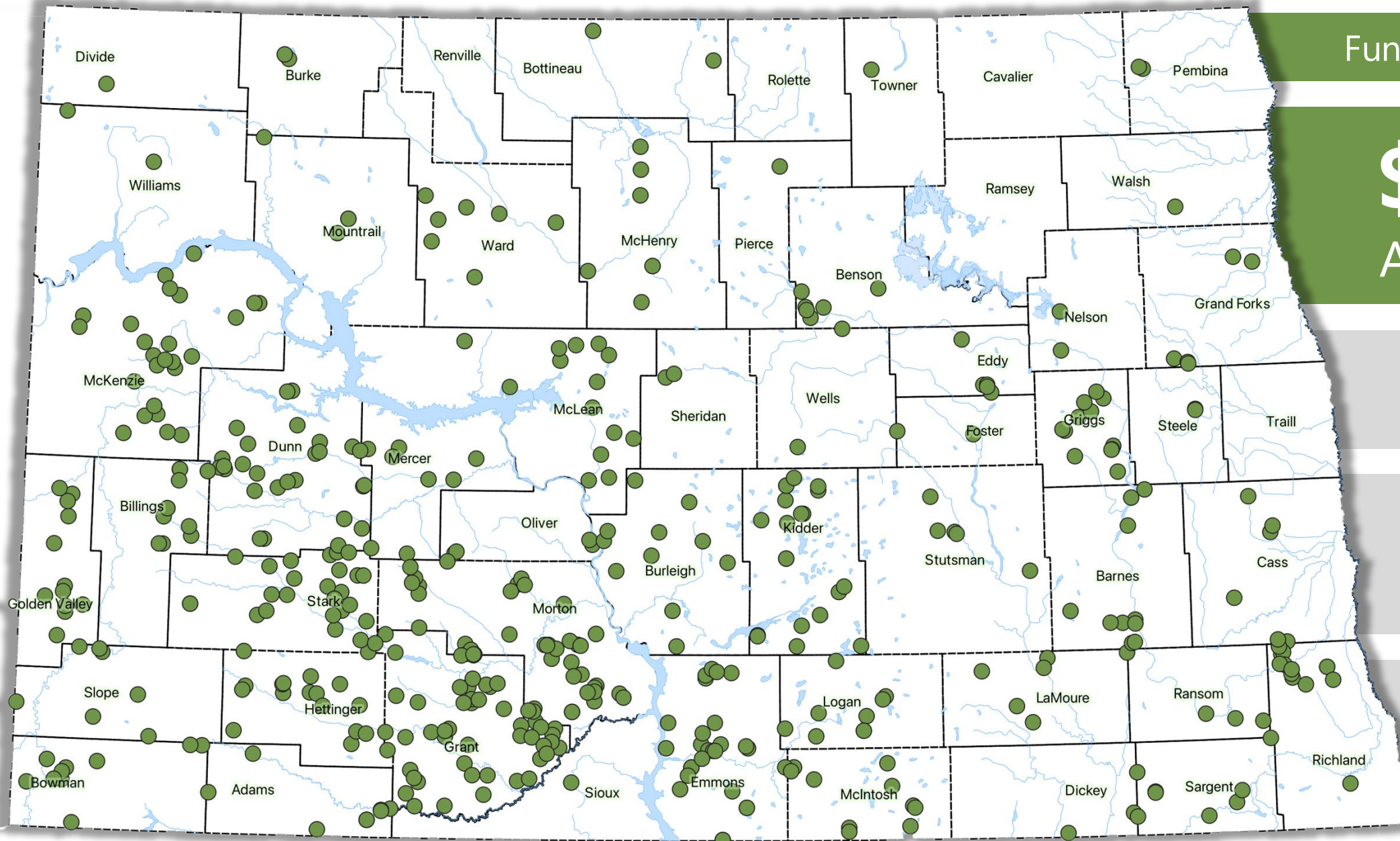
The DDLWSAP was activated on August 18, 2026. The Commission authorized \$2 million for the program, consisting of the remaining \$1,713,564 in carryover funding from the 2021–23 biennium and \$286,436 from the 2025–27 discretionary fund. Due to strong program demand, the Commission authorized an additional \$2 million in discretionary funds during a special Commission meeting on August 26, 2026, bringing total available program funding to \$4 million.

During the current activation, program administrators reviewed 503 applications from 398 applicants and approved 470 livestock water supply projects (map attached). The Department of Water Resources obligated approximately \$4 million in cost-share funding for approved projects.

Before the application portal closed on September 1 due to limited funding, an additional \$91,215 in eligible funding requests had been submitted but not yet approved. To avoid denying these requests solely because available program funds had been fully obligated, staff recommended that the Secretary authorize additional funding. Secretary Haase approved \$84,255 in recently deobligated 2021–23 biennium funding for State Land Board livestock water improvements, along with \$6,960 in discretionary funding, providing the full \$91,215 needed to fund the remaining requests.

The program remains active; however, all available funding has been fully obligated, and no additional applications are being accepted at this time.

RH/dp/cd:1851



Funded Projects

\$4.1M
APPROVED

Aug. 18
To Sept. 1

470
Projects

398
Applicants

DROUGHT DISASTER LIVESTOCK PROGRAM

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: Cost-Share Agreement Extension Requests – Flood Control & Water Supply
DATE: September 22, 2026



Under North Dakota Century Code (N.D.C.C.) § 61-02-14.3, an agreement for funding approved by the Commission to fund a water project under this chapter must require a progress report to the Commission at least every four years if the term of the project exceeds four years.

Accordingly, sponsors with projects nearing the end of a four-year term, or approaching an extension deadline, were provided one of the following three options:

1. Deobligate the remaining cost-share project funding.
2. Submit final project expenses for reimbursement and close out the project.
3. Provide a progress report to the Commission and request a cost-share agreement extension.

Attached for the Commission's review are the projects that have requested an agreement extension, along with the projects' associated progress reports.

Neché Levee Certification Project - City of Neche

This project is for preconstruction costs associated with the City of Neche's FEMA Levee Certification project, which includes final design of proposed upgrades to the existing levee protection system.

The main factors contributing to the project's extended timeline are the need to complete remaining tasks of their Highway 18 Project (a separate project from this cost-share project), ongoing efforts to build community support and secure funding, and focusing on design of the sanitary lift station improvements (the lift station is ineligible for cost share).

Cost-share for the project was approved on October 13, 2022, in the amount of \$355,106

for preconstruction costs. The remaining cost-share balance is \$245,469.30. The City of Neche is asking for the cost-share agreement to be extended four years to August 31, 2030.

Lower Red Basin Regional Detention Study - Red River Joint WRD

This project is a cooperative study between the Red River joint WRD and the Red River Watershed Management Board of MN to analyze the benefit of having water storage sites located throughout the basin to reduce peak flows on tributaries and the Red River mainstem. The USACE was contracted to do the hydrologic modeling and has completed a portion of the modeling.

The project was on a three-year hold because the USACE had expended all federal funds allocated to their portion of the project and were unable to fulfill their scope of work. As a result, significant time and coordination was spent redefining responsibilities and shifting tasks from the USACE to the non-federal partners. As of May 2026, a mutually agreed path forward was established, modeling and reporting tasks were assigned to non-federal partners, and the USACE is assisting with knowledge transfer to ensure the local teams can complete the work. Despite recently resuming progress, the accumulated delays mean the project is now expected to be completed by at least the end of 2027.

Cost-share for the project was approved on July 13, 2015, in the amount of \$45,000. On November 3, 2020, additional cost-share was granted in the amount of \$32,905, for a total amount of \$77,905. The remaining cost-share balance is \$31,327.44.

The project received a two-year extension on October 10, 2024, as requested. The WRD is asking for the cost-share agreement to be extended to December 31, 2027.

Crystal Flood Risk Reduction Project - Pembina County WRD

This project is for costs associated with a feasibility study to identify alternatives for addressing flooding from Cart Creek.

The cost-share project has been on hold for its entirety because the WRD was pursuing federal funding. In July 2026, FEMA finally awarded a scoping grant to the City of Crystal.

The total project cost of the feasibility study is \$184,000. The ineligible portion is the federal funding which is \$138,000. Cost-share for the project was approved on September 7, 2022, in the amount of \$27,600. The remaining cost-share balance is \$27,600. The WRD is asking for the cost-share agreement to be extended to December 31, 2027.

Cavalier Flood Risk Reduction Project - Pembina County WRD

This project is for costs associated with a feasibility study to identify alternatives for addressing flooding from the Tongue River.

The cost-share project has been on hold for its entirety because the WRD was pursuing federal funding. In July 2026, FEMA awarded a scoping grant to the City of Cavalier.

The total project cost of the feasibility study is \$192,000. The ineligible portion is the federal funding which is \$144,000. Cost-share for the project was approved on September 7, 2022, in the amount of \$28,800. The remaining cost-share balance is \$28,800. The WRD is asking for the cost-share agreement to be extended to December 31, 2027.

HWBL Water Expansion - City of Killdeer

This project is for the pre-construction costs associated with the design of 6,200-feet of 10-inch water main to meet the water needs of the HBWL industrial subdivision located south of the city and north of Highway 200. The subdivision is currently served through wells. Also, the new pipeline will provide a secondary water main for additional fire flow to a currently served area directly south of the subdivision.

Since February 2022, the project has been on hold for a few reasons. The City of Killdeer has debated whether to add more improvements to the project including a new concrete road, storm sewer, and sanitary sewer. In addition, the Killdeer City Commission has experienced turnover of four members since 2022. Lastly, the city has had many other improvement projects going on that have taken time and attention away from this project.

Cost-share for the project was approved February 11, 2021, in the amount of \$75,000. The remaining cost-share balance is \$58,800.

The project received its first two-year extension on October 10, 2024, as requested. No reimbursement requests have been submitted since the extension. The City of Killdeer is asking for the cost-share agreement to be extended to December 31, 2027.

Rolla Area Booster - All Seasons Water Users District

This project is for the pre-construction costs associated with the installation of a 50,000-gallon concrete reservoir and booster station one mile east of Rolla to increase pressure and provide additional capacity.

The project has been delayed pending a determination of source water. Water availability from NAWS remains uncertain. All Seasons has been in discussions with the town of Rolla to purchase water directly from them which would change the booster location.

Cost-share for the project was approved October 5, 2022, in the amount of \$26,000. The remaining cost-share balance is \$26,000. All Seasons is asking for the cost-share agreement to be extended to December 31, 2027.

Mountrail County Water Supply Phase II - North Prairie Regional Water District

This Phase II project is for pre-construction and construction of the transmission line between Parshall and Plaza, a booster station in Parshall, and a booster station in Plaza to supply the southeast corner of Mountrail County, Plaza, and western Ward County. Construction on the transmission pipeline and Parshall booster station is complete. North Prairie expects to bid the Plaza booster station in 2026 and complete construction in 2027.

Cost-share for the project was approved August 23, 2017, in the amount of \$3,086,000. The remaining cost-share balance is \$927,656.45.

The project received its first extension on October 13, 2022. North Prairie is asking for the cost-share agreement to be extended to December 31, 2027.

These projects, as presented, meet the guidelines of the Water Commission's cost-share policy. Therefore, the following requests are eligible for consideration:

- **Neché Levee Certification Project extension of the cost-share agreement to August 31, 2030;**
- **Lower Red Basin Regional Detention Study extension of the cost-share agreement to December 31, 2027;**
- **Crystal Flood Risk Reduction Project extension of the cost-share agreement to December 31, 2027;**
- **Cavalier Flood Risk Reduction Project extension of the cost-share agreement to December 31, 2027;**
- **Killdeer HWBL Water Expansion Project extension of the cost-share agreement to December 31, 2027;**
- **Rolla Area Booster Project extension of the cost-share agreement to December 31, 2027; and**
- **Mountrail County Water Supply Phase II Project extension of the cost-share agreement to December 31, 2027.**

Summary of Sponsors Requesting Cost-share Agreement Extensions for October 8, 2026, State Water Commission Meeting

Flood Control:

Neché Levee Certification Project

Sponsor	City of Neche (Pembina Co.)
Type	Preconstruction
Cost-share Approval Date	10/13/2022
Date of Last Extension Approved	-
Extension Period Approved	-
Approved Cost-share	\$355,106.00
Remaining Balance	\$245,469.30

Lower Red Basin Regional Detention Study

Sponsor	Red River Joint Water Resource District
Type	Study
Cost-share Approval Date	7/13/2015
Date of Last Extension Approved	10/10/2024
Extension Period Approved	2 years
Approved Cost-share	\$77,905.00
Remaining Balance	\$31,327.44

Crystal Flood Risk Reduction Project

Sponsor	Pembina County Water Resource District
Type	Study
Cost-share Approval Date	9/7/2022
Date of Last Extension Approved	-
Extension Period Approved	-
Approved Cost-share	\$27,600
Remaining Balance	\$27,600

Cavalier Flood Risk Reduction Project

Sponsor	Pembina County Water Resource District
Type	Study
Cost-share Approval Date	9/13/2022
Date of Last Extension Approved	-
Extension Period Approved	-
Approved Cost-share	\$28,800
Remaining Balance	\$28,800

Water Supply:**HWBL Water Expansion**

Sponsor	City of Killdeer
Type	Pre-construction
Cost-share Approval Date	2/11/2021
Date of Last Extension Approved	10/10/2024
Extension Period Approved	12/31/2026
Approved Cost-share	\$75,000
Remaining Balance	\$58,800

Rolla Area Booster

Sponsor	All Seasons WUD
Type	Pre-construction
Cost-share Approval Date	10/5/2022
Date of Last Extension Approved	-
Extension Period Approved	-
Approved Cost-share	\$26,000
Remaining Balance	\$26,000

Mountrail County Water Supply Phase II

Sponsor	North Prairie Regional Water District
Type	Pre-construction and Construction
Cost-share Approval Date	8/23/2017
Date of Last Extension Approved	10/13/2022
Extension Period Approved	4 years
Approved Cost-share	\$3,086,000
Remaining Balance	\$927,656.45

City of Neche, ND

531 E 5th Street ~ Neche, ND 58265

MAYOR: STUART SYMINGTON



Dear ND Department of Water Resources

I am writing to respectfully request an extension of the grant period for Neche Levee Certification Project #2189. We are seeking to extend the current project end date from August 2026 to August 2030

This extension is requested for several important reasons that will help ensure the successful completion and long-term effectiveness of the project.

First, additional time is needed to complete Phase 1 of the Highway 18 Project, which remains a key component of the work supported by this grant. While significant progress has been made, extending the grant period will allow us to finalize remaining Phase 1 activities and ensure all project deliverables are completed successfully and in accordance with project objectives.

Note, the Hwy 18 project is a separate preconstruction cost-share project and is part of the Sponsor's effort to receive FEMA accreditation. The Sponsor is working with NDDOT who has agreed to fund the construction. - DWR staff

Second, the extension will provide valuable time to continue building community support and securing funding for future phases of the project. Ongoing stakeholder engagement, public outreach, and funding development efforts are essential to maintaining project momentum and ensuring the long-term success of the overall Highway 18 initiative. Additional time will enable us to strengthen partnerships and pursue additional funding opportunities needed to advance subsequent phases.

Third, the project team is currently prioritizing the sanitary lift station phase, which is a critical infrastructure component necessary to support overall project implementation. Focusing resources and coordination efforts on this phase will help ensure that the lift station improvements are properly planned and executed, providing the foundation needed for future project development and maximizing the effectiveness of the grant investment.

Note, the sanitary lift station was not allowed as part of the 2022 cost-share approval, therefore it is treated as ineligible for reimbursement. - DWR staff

Cell: 701-238-3502

Email: stu.sym@gmail.com

City of Neche, ND

531 E 5th Street ~ Neche, ND 58265

MAYOR: STUART SYMINGTON



The requested extension will enable our team to:

- Complete all remaining Phase 1 Highway 18 Project tasks and deliverables.
- Continue outreach and engagement efforts to build community support.
- Pursue and secure funding opportunities for future project phases.
- Focus on the sanitary lift station phase and associated infrastructure improvements.
- Maximize the overall impact and long-term success of the project.

We remain committed to achieving the goals of this project and ensuring that grant funds are utilized effectively and responsibly. We appreciate your consideration of this request and welcome the opportunity to provide any additional information that may assist in your review.

Thank you for your continued support.

Sincerely,

A handwritten signature in black ink, appearing to read "Stuart Symington". The signature is fluid and cursive.

Mayor Stuart Symington

City of Neche

MEMORANDUM

TO: Governor Doug Burgum
Members of the State Water Commission
FROM: Andrea Travnicek, Ph.D., Secretary 
SUBJECT: NDSWC Cost-Share Request – City of Niche
Niche Levee Certification
DATE: September 28, 2022

Background & Description

The City of Niche (Sponsor) is requesting preconstruction cost-share for their Niche Levee Certification project (Project). The Project is a continuation of the Sponsor's effort to receive FEMA accreditation of the City's levee system. The Project will include hydraulic modeling, geotechnical investigations, culvert inspections, and preconstruction engineering.

Supplemental Information

Water Development Plan (Priority / Page)	Moderate / 33
Benefit-Cost Ratio	NR

(NR) Not Required

Schedule

Task	Dates
Study	Jun. 2015
Design	Oct. 2022
Bid	Jun. 2024
Construction	Jun. 2024
Completion	Jun. 2025

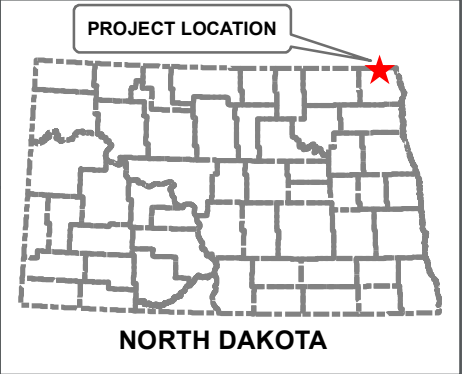
Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$361,430	\$0	\$361,430		
Eligible Cost	\$591,843	\$5,797,977	\$6,389,820		
Total	\$953,273	\$5,797,977	\$6,751,250		
Cost-Share 60% (Requested)*	\$355,106 \$502,964	\$3,478,786	\$3,833,892		\$355,106

*Includes cost-share on previously incurred costs.

This project meets requirements of the Water Commission's cost-share policy. Therefore, I recommend approval of this request by the City of Niche for state cost-share participation in the Niche Levee Certification project at 60 percent of eligible costs, not to exceed \$355,106. This approval is contingent on available funding.

AT:jsp/2189



	<table><tr><td>LEGEND Roadway Entrances</td><td> Pump Stations Gravity Culvert</td><td> Local Roads State Roads</td></tr><tr><td> Proposed Levee Alignment</td><td> Underground Telephone</td><td> County Line</td></tr></table>	LEGEND Roadway Entrances	Pump Stations Gravity Culvert	Local Roads State Roads	Proposed Levee Alignment	Underground Telephone	County Line	CITY OF NECHE LEVEE CERTIFICATION PROJECT PROPOSED PROJECT AREA
LEGEND Roadway Entrances	Pump Stations Gravity Culvert	Local Roads State Roads						
Proposed Levee Alignment	Underground Telephone	County Line						
		Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community	CS APPLICATION					



JOINT WATER RESOURCE DISTRICT

1201 Main Avenue West
West Fargo, ND 58078-1301

Phone: 701-298-2381
Fax: 701-298-2397
wrđ@casscountynđ.gov
www.redriverjointwrđ.org

SENT VIA EMAIL

August 24, 2026

Abigail Franklund
Cost-Share Program Manager
North Dakota Department of Water Resources
1200 Memorial Highway
Bismarck, ND 58504

Dear Ms. Franklund:

RE: Lower Red River Basin Regional Detention Study cost-share extension request
SWC Project No. 1705

The Red River Joint WRD (RRJWRD) appreciates the previous cost-share approval for the Lower Red River Basin Regional Detention Study and is pleased to provide a status update on the project. As the study is actively continuing, the RRJWRD anticipates being able to expend the available cost-share funding by the expiration of the current *Agreement for Cost-Share Reimbursement* with the State Water Commission. However, there are elements of the study that are out of the control of the RRJWRD, therefore, **the RRJWRD would like to request an extension of the *Agreement for Cost-Share Reimbursement* for the Lower Red River Basin Regional Detention Study.**

The Study is a cooperative effort between the RRJWRD of ND and the Red River Watershed Management Board (RRWMB) of MN. A Local Consulting Team (LCT) has been contracted by the RRJWRD and RRWMB to provide detailed hydrologic information for many proposed detention sites. The Red River Basin Commission has also contracted with the USACE, through the authority provided by Section 22 of the Water Resources Development Act, for them to develop hydraulic models of the lower end of each tributary and the Red River mainstem.

The comprehensive study within the Red River Basin will analyze the impact of potential distributed storage sites during 100-year flood event. This will assist local watershed planning and implementation of flood mitigation projects.

MEMBER WATER RESOURCE DISTRICTS

Ransom County
Richland County
Sargent County
Pembina County

Walsh County
Grand Forks County
Traill County
Barnes County

Maple River
North Cass
Southeast Cass

Rush River
Nelson County
Steele County

To date, the following tasks have currently been completed:

- Local Consulting Team (LCT)
 - Update HEC-HMS models from the Distributed Detention Studies for current conditions and expand input data to accommodate the 200-year and 500-year future flood scenarios.
 - Develop the existing conditions scenario within the HEC-HMS models.
 - Develop the 1997 storage conditions within the HEC-HMS models.
 - Develop the initial storage array within the HEC-HMS models.
 - Review and provide input to the USACE on 100-year hydrology.
 - Review and provide input to the USACE on HEC-RAS modeling updates.
 - Coordination with the USACE and the LCT through the Local Consultant Coordinator (HEI).
- Federal Tasks (USACE)
 - Updates to the Red River Mainstem HEC-RAS model based on previously provided recommendations from the LCT.
 - Develop 100-year flood scenario hydrology for the Red River mainstem.

We were notified that the USACE had expended all federal funds allocated to the project and were unable to fulfill their portion of the scope of work. That led to an extended “pause” in work progress on non-federal components of the project until a revised scope of work could be developed that still met the study objectives.

As of May 2026, we’ve arrived at a mutually agreed upon path forward between the USACE and the non-federal partners that shift tasks from the federal scope to the non-federal scope to complete the study. These tasks include:

- Routing the “with-storage” scenario through the HEC-RAS model using the USACE developed HEC-WAT framework.
- Communicate results to the USACE and local partners.
- Complete the final report for the study and file with the local partners.

The USACE will use any remaining funds to assist in transferring federal modeling knowledge to the LTC to ensure a smooth transition.

A path forward for the study has been determined and the study is actively continuing, however the past significant delays of the USACE work have affected each local consulting firm’s ability to accomplish work on tasks/subtasks. It appears that the delays will extend the project completion to at least the end of 2027.

We are disappointed in the delays, however we feel the completed study will provide valuable information. We understand that the HEC-RAS model being developed by the USACE may also be beneficial for the Oslo area study that is being pursued by the North Dakota Department of Transportation.

Abigail Franklund
Page 3
August 20, 2026

We will have a representative available at the September 17 Pre-Commission meeting and October 8 State Water Commission meeting to request a time extension and to answer any questions.

Please contact us if you have any questions. Thank you.

Sincerely,

RED RIVER JOINT WATER RESOURCE DISTRICT

Melissa Hinkemeyer

Melissa Hinkemeyer
Secretary

cc: Yaping Chi, North Dakota Department of Water Resources

Commission Date : 10/10/24
Commission Action : Approved (slbrost)

MEMORANDUM

Approved to extend cost-share agreements for requested timeframes, based on project sponsors making progress toward completion of projects in 2024-25.

TO: Governor Doug Burgum
Members of the State Water Commission
FROM: Andrea Travnicek, Ph.D., Secretary 
SUBJECT: Cost-Share Four-Year Progress Reports
DATE: September 24, 2024

Under North Dakota Century Code (N.D.C.C.) § 61-02-14.3, “an agreement for funding which is approved by the commission to fund a water project under this chapter must require a progress report to the commission at least every four years if the term of the project exceeds four years.”

Therefore, sponsors with projects nearing the end of a four-year term, or nearing an extension deadline, were contacted and provided one of the following three options:

1. Deobligate cost-share project funding.
2. Submit final project expenses for reimbursement and close out project.
3. Provide a progress report to the Commission and request a cost-share agreement extension.

Attached for the Commission’s review is a summary of the sponsors requesting an agreement extension and associated progress reports.

McHenry Laterals A and B (Bottineau County Water Resource District)

This project is for engineering and construction costs to construct Lateral Drains A and B off the existing McHenry Lateral Drain. Laterals A and B are each approximately 0.5 miles long. Most of the construction is complete. Items that remain are small amounts of channel slope grading, roadway repair, and seeding.

Cost-share for the project was approved October 8, 2020, in the amount of \$362,492. The remaining cost-share balance is \$125,347.75. The Water Resource District (WRD) expects to complete the final construction tasks this fall, therefore they request an extension of their cost-share agreement and retention of the balance through the end of the year.

Lower Red Basin Regional Detention Study (Red River Joint Water Resource District)

This project is a cooperative study between the Red River Joint WRD and the Red River Watershed Management Board of MN to analyze the benefit of having water storage sites located in the basin during 100-year, 200-year, and 500-year flood events, to reduce the peak flow on tributaries and the Red River mainstem by 20 percent. The USACE has been contracted to do the hydrologic modeling and has completed a portion of the modeling.

Cost-share for the project was approved on July 13, 2015, in the amount of \$45,000. On November 3, 2020, additional cost-share was granted in the amount of \$32,905, for a sum of \$77,905. The remaining cost-share balance is \$31,327.44. The WRD requests a two-year extension of their cost-share agreement and retention of the balance to provide additional time to complete the modeling and finalize the study.

September 17, 2024

Shortfoot Creek Watershed Planning Program (Sargent County Water Resource District)

This project is for the development of a watershed plan in conjunction with the NRCS to find solutions to the watershed's flooding problems. The project includes identifying the problems, providing solution alternatives, and developing a benefit-to-cost analysis for each alternative, which will be presented to the WRD and local stakeholders. The project has been delayed due to navigating federal requirements and the request to add environmental enhancements.

Cost-share for the project was approved on July 7, 2016, in the amount of \$154,000. The project received its first extension approved by the Commission on February 11, 2021. The remaining cost-share balance is \$6,209.06. Because the existing agreement's four-year term will expire on February 11, 2025, the WRD requests a one-year extension of their cost-share agreement and retention of the balance to finalize the watershed plan and have it approved by NRCS.

Killdeer HWBL Water Expansion (City of Killdeer)

This project is for preconstruction costs associated with the design of 6,200-feet of 10-inch water main to meet the water needs of the HBWL industrial subdivision located south of the city and north of Highway 200. The subdivision is currently served through wells. Also, the new pipeline will provide a secondary water main for additional fire flow to a currently served area directly south of the subdivision.

Since February 2022, the project has been on hold for a few reasons. The City of Killdeer has debated whether to add more improvements to the project including a new concrete road, storm sewer, and sanitary sewer. In addition, the Killdeer City Commission has experienced turnover of four members since 2022. Lastly, the city has had many other improvement projects going on that have taken time and attention away from this project.

Cost-share for the project was approved on February 11, 2021, in the amount of \$75,000. The remaining cost-share balance is \$58,800. The City of Killdeer requests an extension of their cost-share agreement through the end of 2026, and retention of the balance to complete final design.

I recommend extending cost-share agreements for the requested timeframes, based on the project sponsors making progress toward completion of their projects in 2024-2025.

AT:af/1753

INTEROFFICE MEMORANDUM

TO: John Paczkowski, P.E., Interim Chief Engineer-Secretary
Sarah Felchle, Accountant, Administrative Services
FROM: Patrick Fridgen, Director, Planning and Education
SUBJECT: NDSWC Cost-Share Request — Red River Joint Water Resource District
Lower Red River Regional Detention Study
DATE: October 26, 2020

The Red River Joint Water Resource District (Sponsor) has requested additional cost-share for their Lower Red River Regional Detention Study.

The study will analyze the regional benefit provided to the Red River mainstem for distributed storage within the US portion of the Red River watershed. The goal of the study is to determine the extent of tributary storage necessary to attain a 20 percent reduction of peak flows on the Red River mainstem.

The original cost estimate was \$130,000. The Chief Engineer approved \$45,000 in cost-share at 35 percent of eligible costs on July 13, 2015. The updated cost estimate is now \$222,585. Additional costs are due in part to the added analyses of 200-year and 500-year events.

The total cost of the overrun is \$92,585. The Sponsor is requesting an additional cost-share of \$32,905 in state funds as a hydrologic study. The recommendation is a cost-share of \$32,905 at 35 percent of the eligible costs. The total cost-share approved would then be \$77,905.

This project meets the requirements of the Water Commission's cost-share policy. Therefore, I recommend the Chief Engineer approve this cost overrun request for funding by Red River Joint Water Resource District for an additional \$32,905 at 35 percent of eligible costs which would be a total cost-share of \$77,905. The additional funding will come from carryover funds. This approval is subject to the availability of funds.

Approval Signature and Date  11/03/2020

PF:JSP:BN/2055

MEMORANDUM

TO: Governor Doug Burgum
Members of the State Water Commission 
FROM: John Paczkowski, P.E., Interim Chief Engineer/Secretary
SUBJECT: NDSWC Cost-Share Request – Red River Joint Water Resource District
Lower Red River Regional Detention Study
DATE: Sept 24, 2020

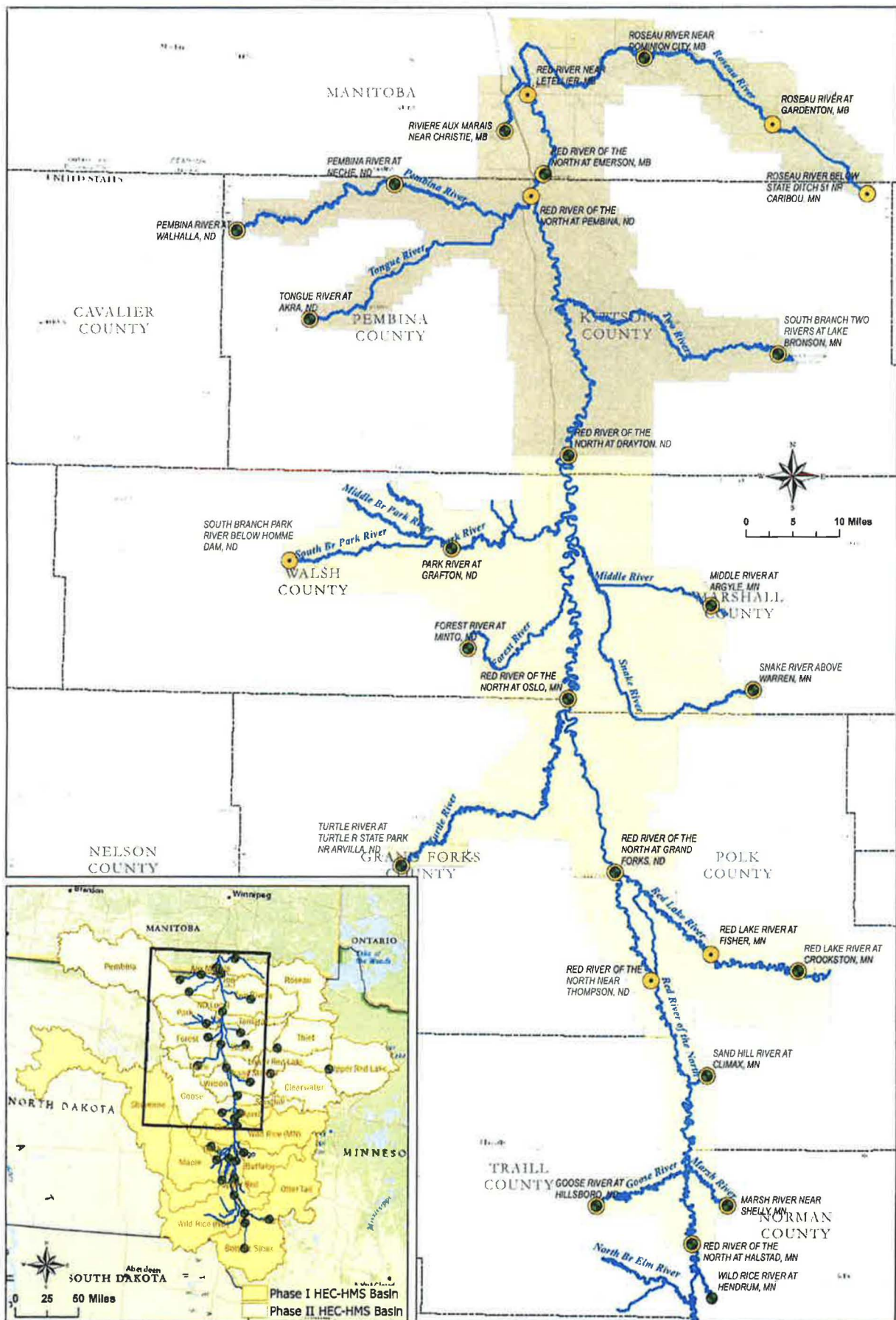
The Red River Joint Water Resource District (District) has requested additional cost-share on their Lower Red River Regional Detention Study.

The study will determine the amount of flood damage reduction that can be obtained with several distributed detention sites within the Red River watershed. The study is tied to the Red River Basin Commission long term flood study goal of reducing the peak flow on the tributaries and Red River mainstream by 20 percent. The original cost estimate was \$130,000, with the Water Commission approving \$45,000. The updated cost estimate is now \$222,585. Additional costs are due the added analyses of 200-year and 500-year events.

On July 13, 2015, the Chief Engineer/Secretary approved \$45,000 in cost-share at 35 percent of eligible costs. The total cost of the overrun is \$92,585. The District is requesting an additional cost-share of \$32,905 in state funds as a hydrologic study. The recommendation is a cost-share of \$32,905 at 35 percent of the eligible costs. The total cost-share approved would then be \$77,905.

This project meets the requirements of the Water Commission's cost-share policy. Therefore, I recommend approving this cost overrun request by the Red River Joint Water Resource District for an additional \$32,905 at 35 percent of eligible costs which would be a total cost-share of \$77,905. The additional funding will come from carryover funds. This approval is contingent on available funding.

JP:bn/2055



Red River of the North Retention Study **Phase II HEC-RAS Model Extents**

US Army Corps of Engineers
 St. Paul District, September 2017

- Balanced Hydrograph Location
- Calibration Location
- Phase I HEC-RAS River Centerline
- Phase II HEC-RAS River Centerline

- Phase II HEC-RAS Extents**
- Drayton, ND to Letellier, MB, Canada
 - Grand Forks, ND to Drayton, ND
 - Halstad, MN to Grand Forks, ND

PEMBINA COUNTY
WATER RESOURCE DISTRICT

308 Courthouse Drive #5
Cavalier, North Dakota 58220

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

August 19, 2026

North Dakota Department of Water Resources
900 East Boulevard Avenue
Bismarck, ND 58505

**Subject: Request for Time Extensions on Authorized Cost-Share Agreements
City of Crystal Flood Control Feasibility Study
City of Cavalier Flood Control Feasibility Study**

Dear Director and Members of the State Water Commission:

The Pembina County Water Resource District (PCWRD) respectfully requests a time extension of the North Dakota Department of Water Resources (DWR) cost share agreements previously approved for the City of Crystal Flood Control Feasibility Study and the City of Cavalier Flood Control Feasibility Study.

These flood mitigation feasibility studies were originally approved for DWR cost share assistance in 2022. At that time, the PCWRD, the City of Crystal, and the City of Cavalier were actively coordinating with the North Dakota Department of Emergency Services (NDDDES) regarding FEMA funding opportunities that could significantly reduce local costs associated with the studies. Based on guidance from FEMA received from NDDDES representatives, the sponsors elected to delay initiation of the studies while federal funding opportunities were evaluated and processed.

Over the ensuing several years, the projects experienced substantial delays caused by FEMA program administration and funding decisions that were outside the control of the local sponsors. NDDDES advised project sponsors that FEMA funding decisions were pending, with the projects advancing through the federal review process and awaiting final approval. In April 2025, the District was notified that FEMA had announced the elimination of the Building Resilient Infrastructure and Communities (BRIC) program, creating significant uncertainty regarding future federal participation and causing NDDDES to advise sponsors to pause project activities until additional FEMA guidance could be obtained.

Despite these challenges, local interest in both projects has remained strong. NDDDES continued to advocate for the projects, and in July 2026 the City of Crystal and City of Cavalier FEMA scoping grants were ultimately awarded after extended federal review and programmatic delays. NDDDES indicated that the projects had been awaiting FEMA approval and later contract execution before awards were finalized. FEMA funding agreements were provided to each City in early August 2026.

The delays associated with these studies were not the result of inactivity or lack of commitment by the sponsors. Rather, the sponsors acted prudently by following guidance from NDDDES and

Board Members

Randall Emanuelson, Bill Gunderson, Ted Juhl, Richard Kendall & Don Kemp

FEMA to preserve eligibility for federal funding opportunities. The federal funding process extended well beyond the originally anticipated schedule, preventing the projects from advancing within the original DWR cost share timeframe.

Accordingly, the Pembina County Water Resource District respectfully requests that the Department extend the existing cost share authorizations for both studies to allow the sponsors to proceed with the feasibility studies as originally intended. Granting this extension will preserve the State's prior investment in project development efforts, maintain consistency with the original funding intent, and allow the communities to advance critical flood risk reduction planning efforts that have experienced delays through no fault of the local sponsors.

With the FEMA funding agreements drafted and being reviewed by each City, the sponsors anticipate initiating the feasibility studies this fall, with completion expected by the end of 2027. This schedule will allow the communities to move forward in a timely manner while maintaining coordination with DWR, NDDDES, FEMA, and the local project sponsors.

We appreciate the Department's consideration of this request and would be happy to provide any additional information needed to support the extension.

If you have any questions or comments, please contact us at lkemp@nd.gov or by phone at (701) 265-4511.

Sincerely,


Pembina County Water Resource District

Board Members

Randall Emanuelson, Bill Gunderson, Ted Juhl, Richard Kendall & Don Kemp

INTEROFFICE MEMORANDUM

TO: Andrea Travnicek, Ph.D., Secretary
Patrick Fridgen, Planning and Education Division Director
Sarah Felchle, Accountant, Administrative Services
FROM: Julie Prescott, Cost-Share Manager
SUBJECT: NDSWC Cost-Share Request – Pembina County Water Resource District
City of Crystal Flood Risk Reduction
DATE: September 5, 2022

Background & Description

The Pembina County Water Resource District (Sponsor) is requesting cost-share for their City of Crystal Flood Risk Reduction (Project). The Project is a feasibility study to identify alternatives for addressing overland flooding from Cart Creek that impacts residence, infrastructure, and a school within the City of Crystal. The Project will include public outreach and meetings, regulatory consultations, hydraulics tasks, alternatives development, and preparation of an implementation strategy. The Project is located in and near the City of Crystal, Pembina County, North Dakota.

Supplemental Information

Water Development Plan (Priority / Page)	-
Benefit-Cost Ratio	NR

(NR) Not Required

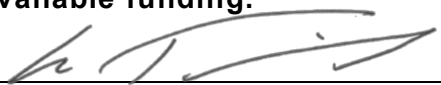
Schedule

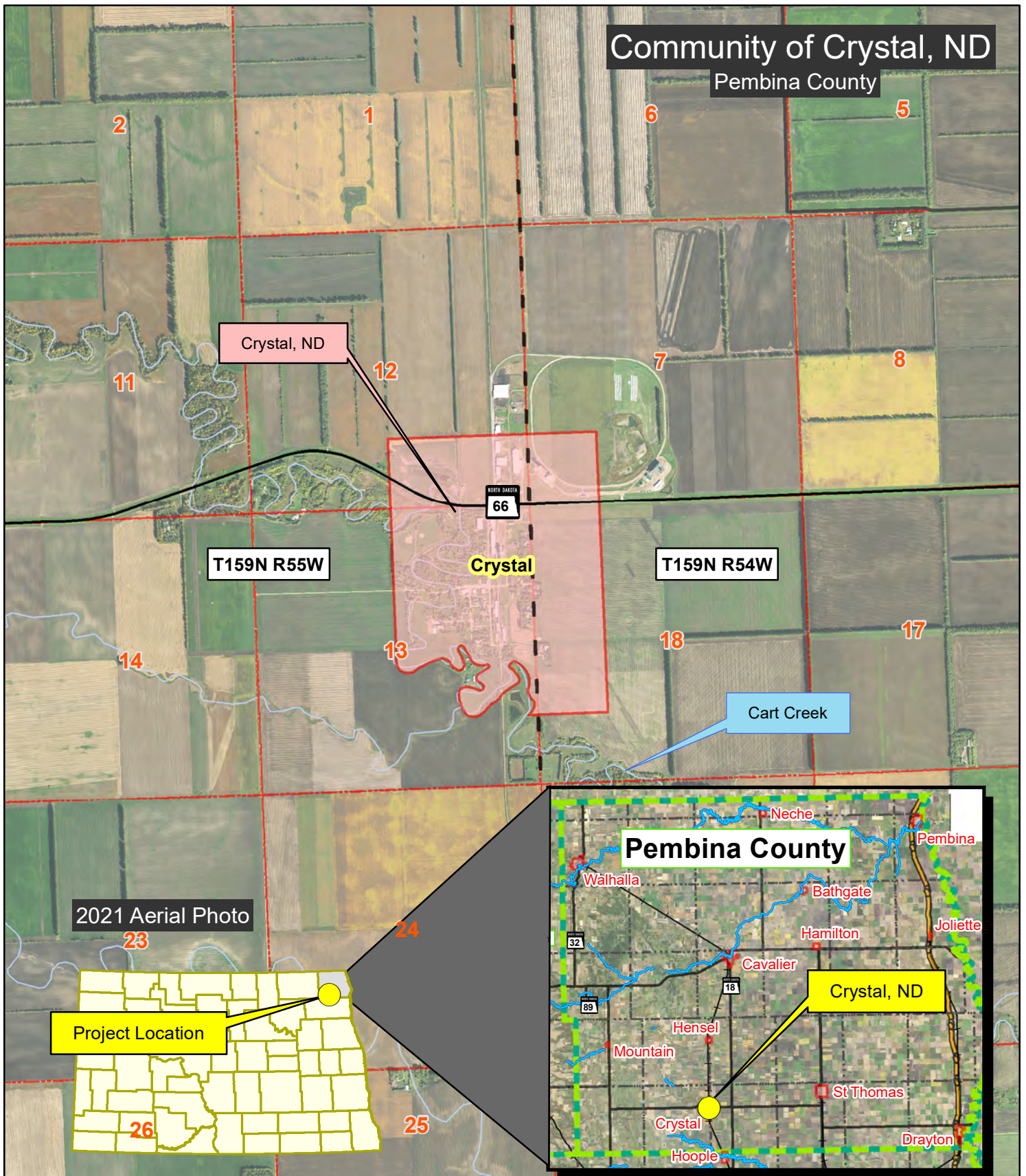
Task	Dates
Study	Jan. 2023
Design	Jan. 2024
Bid	Jan. 2025
Construction	May 2025
Completion	Jan. 2026

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$138,000	-	\$138,000		
Eligible Cost	\$46,000	-	\$46,000		
Total	\$184,000	-	\$184,000		
Cost-Share 60% (Requested)	\$27,600	-	\$27,600		\$27,600

This project meets requirements of the Water Commission's cost-share policy. Therefore, I recommend approval of this request by the Pembina County Water Resource District for state cost participation in the City of Crystal Flood Risk Reduction project not to exceed \$27,600 at 60 percent of eligible costs. This approval is contingent on available funding.

Approval Signature and Date  09/07/2022



Date: 8/24/2022
Prepared by: ZOH

City of Crystal Flood Risk Reduction Project - Feasibility Study

Pembina County Water Resource District & City of Crystal, ND

T159N/R55W & T159N/R54W, Pembina County
Crystal Township & Elora Township



PEMBINA COUNTY
WATER RESOURCE DISTRICT

308 Courthouse Drive #5
Cavalier, North Dakota 58220

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

August 19, 2026

North Dakota Department of Water Resources
900 East Boulevard Avenue
Bismarck, ND 58505

**Subject: Request for Time Extensions on Authorized Cost-Share Agreements
City of Crystal Flood Control Feasibility Study
City of Cavalier Flood Control Feasibility Study**

Dear Director and Members of the State Water Commission:

The Pembina County Water Resource District (PCWRD) respectfully requests a time extension of the North Dakota Department of Water Resources (DWR) cost share agreements previously approved for the City of Crystal Flood Control Feasibility Study and the City of Cavalier Flood Control Feasibility Study.

These flood mitigation feasibility studies were originally approved for DWR cost share assistance in 2022. At that time, the PCWRD, the City of Crystal, and the City of Cavalier were actively coordinating with the North Dakota Department of Emergency Services (NDDDES) regarding FEMA funding opportunities that could significantly reduce local costs associated with the studies. Based on guidance from FEMA received from NDDDES representatives, the sponsors elected to delay initiation of the studies while federal funding opportunities were evaluated and processed.

Over the ensuing several years, the projects experienced substantial delays caused by FEMA program administration and funding decisions that were outside the control of the local sponsors. NDDDES advised project sponsors that FEMA funding decisions were pending, with the projects advancing through the federal review process and awaiting final approval. In April 2025, the District was notified that FEMA had announced the elimination of the Building Resilient Infrastructure and Communities (BRIC) program, creating significant uncertainty regarding future federal participation and causing NDDDES to advise sponsors to pause project activities until additional FEMA guidance could be obtained.

Despite these challenges, local interest in both projects has remained strong. NDDDES continued to advocate for the projects, and in July 2026 the City of Crystal and City of Cavalier FEMA scoping grants were ultimately awarded after extended federal review and programmatic delays. NDDDES indicated that the projects had been awaiting FEMA approval and later contract execution before awards were finalized. FEMA funding agreements were provided to each City in early August 2026.

The delays associated with these studies were not the result of inactivity or lack of commitment by the sponsors. Rather, the sponsors acted prudently by following guidance from NDDDES and

Board Members

Randall Emanuelson, Bill Gunderson, Ted Juhl, Richard Kendall & Don Kemp

FEMA to preserve eligibility for federal funding opportunities. The federal funding process extended well beyond the originally anticipated schedule, preventing the projects from advancing within the original DWR cost share timeframe.

Accordingly, the Pembina County Water Resource District respectfully requests that the Department extend the existing cost share authorizations for both studies to allow the sponsors to proceed with the feasibility studies as originally intended. Granting this extension will preserve the State's prior investment in project development efforts, maintain consistency with the original funding intent, and allow the communities to advance critical flood risk reduction planning efforts that have experienced delays through no fault of the local sponsors.

With the FEMA funding agreements drafted and being reviewed by each City, the sponsors anticipate initiating the feasibility studies this fall, with completion expected by the end of 2027. This schedule will allow the communities to move forward in a timely manner while maintaining coordination with DWR, NDDDES, FEMA, and the local project sponsors.

We appreciate the Department's consideration of this request and would be happy to provide any additional information needed to support the extension.

If you have any questions or comments, please contact us at lkemp@nd.gov or by phone at (701) 265-4511.

Sincerely,

Pembina County Water Resource District

Board Members

Randall Emanuelson, Bill Gunderson, Ted Juhl, Richard Kendall & Don Kemp

INTEROFFICE MEMORANDUM

TO: Andrea Travnicek, Ph.D., Secretary
Patrick Fridgen, Planning and Education Division Director
Sarah Felchle, Accountant, Administrative Services
FROM: Julie Prescott, Cost-Share Manager
SUBJECT: NDSWC Cost-Share Request – Pembina County Water Resource District
City of Cavalier Flood Risk Reduction
DATE: September 6, 2022

Background & Description

The Pembina County Water Resource District (Sponsor) is requesting cost-share for their City of Cavalier Flood Risk Reduction (Project). The Project is a feasibility study to identify alternatives for addressing overland flooding from the Tongue River that impacts residence, infrastructure, and a school within the City of Cavalier. The Project will include public outreach and meetings, regulatory consultations, hydraulics tasks, alternatives development, and preparation of an implementation strategy. The Project is located in and near the City of Cavalier, Pembina County, North Dakota.

Supplemental Information

Water Development Plan (Priority / Page)	-
Benefit-Cost Ratio	NR

(NR) Not Required

Schedule

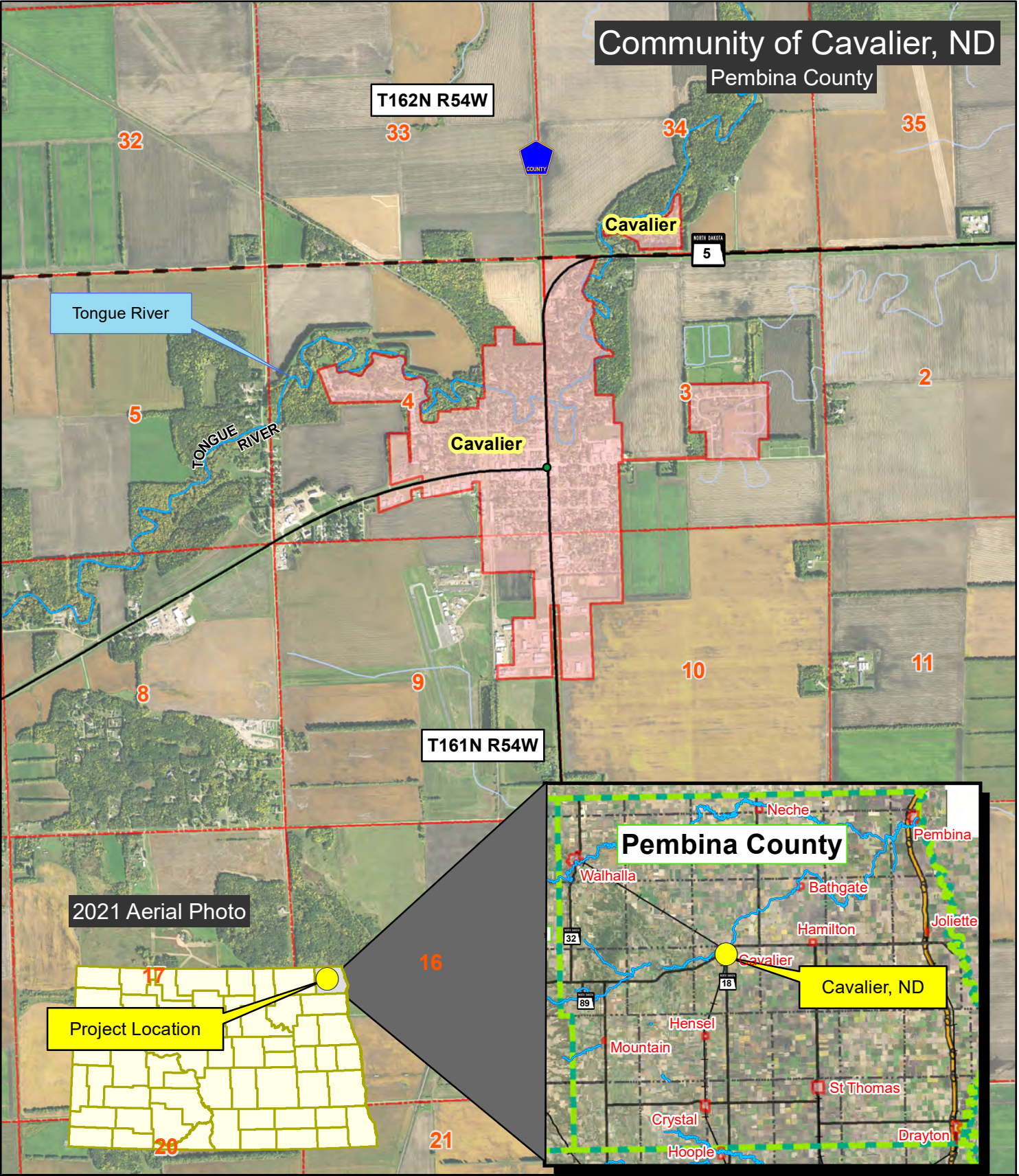
Task	Dates
Study	Jan. 2023
Design	Jan. 2024
Bid	Jan. 2025
Construction	May 2025
Completion	Jan. 2026

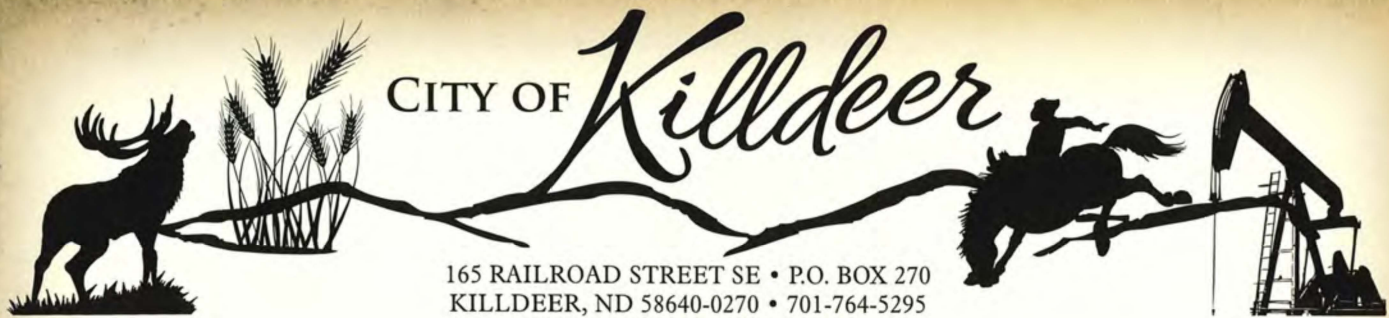
Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$144,000	-	\$144,000		
Eligible Cost	\$48,000	-	\$48,000		
Total	\$192,000	-	\$192,000		
Cost-Share 60% (Requested)	\$28,800	-	\$28,800		\$28,800

This project meets requirements of the Water Commission's cost-share policy. Therefore, I recommend approval of this request by the Pembina County Water Resource District for state cost participation in the City of Cavalier Flood Risk Reduction project not to exceed \$28,800 at 60 percent of eligible costs. This approval is contingent on available funding.

Approval Signature and Date  09/13/2022





August 21, 2026

Julie Prescott
Cost-Share Program Manager
ND Department of Water Resources
900 East Boulevard Avenue
Bismarck, ND 58505

RE: Killdeer HWBL Water Expansion – SWC Update Report

Ms. Prescott,

Please consider this letter a written progress report regarding the City of Killdeer's intentions to utilize grant funds associated with the Killdeer HWBL Water Expansion Project.

The City of Killdeer hired AE2S to complete preliminary engineering for the HWBL Water Expansion Project in March 2021, with preliminary engineering completed in February 2022. Since that time, the project has experienced continued delays as the City has worked through several issues affecting the project's scope, funding, and implementation.

Over the past two years, the City of Killdeer has continued to evaluate whether additional improvements should be incorporated into the project, including a new concrete roadway, storm sewer, and sanitary sewer improvements. These potential additions have required further discussion and consideration by the City Commission. The City Commission has also experienced significant turnover, with three new commissioners joining since 2024, requiring additional time to review and become familiar with the project and its associated needs.

In addition, the City of Killdeer has continued to manage and complete several other infrastructure and improvement projects throughout the community. These projects have required substantial staff and City Commission time and resources, which has contributed to the continued delay in advancing the HWBL Water Expansion Project.

Despite these delays, it remains the City of Killdeer's intention to utilize the grant funds for the HWBL Water Expansion Project and to move the project forward. The City of Killdeer continues to consider the project an important infrastructure improvement for the community.



CITY OF *Killdeer*

165 RAILROAD STREET SE • P.O. BOX 270
KILLDEER, ND 58640-0270 • 701-764-5295



Killdeer HWBL Project Implementation Schedule		
Task	Proposed Completion Date	SWC Grant
Preliminary Engineering	Mar 2021 - Feb 2022	\$30,000.00
Final Design	Fall 2026 - Fall 2027	\$60,000.00
Project Bidding/Award	Fall 2027 - Spring 2028	\$20,000.00
Construction/Construction Engineering	Spring 2028 - Fall 2029	TBD
		\$110,000.00

The City of Killdeer also intends to provide an additional update and request for any additional funding that may be necessary for construction and construction engineering services once final design and bidding have been completed.

While the project has taken longer than originally anticipated, the City of Killdeer remains committed to completing the HWBL Water Expansion Project and utilizing the grant funds for their intended purpose. The City of Killdeer appreciates the continued support of the State Water Commission as they work through the remaining project development and funding requirements.

Should you have any questions or require additional information, please do not hesitate to contact me at 701-764-5295 or Eric Lothspeich of AE2S at 701-221-0530.

Sincerely,

Matt Oase
City Administrator
City of Killdeer

Commission Date : 10/10/24
Commission Action : Approved (slbrost)

MEMORANDUM

Approved to extend cost-share agreements for requested timeframes, based on project sponsors making progress toward completion of projects in 2024-25.

TO: Governor Doug Burgum
Members of the State Water Commission
FROM: Andrea Travnicek, Ph.D., Secretary 
SUBJECT: Cost-Share Four-Year Progress Reports
DATE: September 24, 2024

Under North Dakota Century Code (N.D.C.C.) § 61-02-14.3, “an agreement for funding which is approved by the commission to fund a water project under this chapter must require a progress report to the commission at least every four years if the term of the project exceeds four years.”

Therefore, sponsors with projects nearing the end of a four-year term, or nearing an extension deadline, were contacted and provided one of the following three options:

1. Deobligate cost-share project funding.
2. Submit final project expenses for reimbursement and close out project.
3. Provide a progress report to the Commission and request a cost-share agreement extension.

Attached for the Commission’s review is a summary of the sponsors requesting an agreement extension and associated progress reports.

McHenry Laterals A and B (Bottineau County Water Resource District)

This project is for engineering and construction costs to construct Lateral Drains A and B off the existing McHenry Lateral Drain. Laterals A and B are each approximately 0.5 miles long. Most of the construction is complete. Items that remain are small amounts of channel slope grading, roadway repair, and seeding.

Cost-share for the project was approved October 8, 2020, in the amount of \$362,492. The remaining cost-share balance is \$125,347.75. The Water Resource District (WRD) expects to complete the final construction tasks this fall, therefore they request an extension of their cost-share agreement and retention of the balance through the end of the year.

Lower Red Basin Regional Detention Study (Red River Joint Water Resource District)

This project is a cooperative study between the Red River Joint WRD and the Red River Watershed Management Board of MN to analyze the benefit of having water storage sites located in the basin during 100-year, 200-year, and 500-year flood events, to reduce the peak flow on tributaries and the Red River mainstem by 20 percent. The USACE has been contracted to do the hydrologic modeling and has completed a portion of the modeling.

Cost-share for the project was approved on July 13, 2015, in the amount of \$45,000. On November 3, 2020, additional cost-share was granted in the amount of \$32,905, for a sum of \$77,905. The remaining cost-share balance is \$31,327.44. The WRD requests a two-year extension of their cost-share agreement and retention of the balance to provide additional time to complete the modeling and finalize the study.

September 17, 2024

Shortfoot Creek Watershed Planning Program (Sargent County Water Resource District)

This project is for the development of a watershed plan in conjunction with the NRCS to find solutions to the watershed's flooding problems. The project includes identifying the problems, providing solution alternatives, and developing a benefit-to-cost analysis for each alternative, which will be presented to the WRD and local stakeholders. The project has been delayed due to navigating federal requirements and the request to add environmental enhancements.

Cost-share for the project was approved on July 7, 2016, in the amount of \$154,000. The project received its first extension approved by the Commission on February 11, 2021. The remaining cost-share balance is \$6,209.06. Because the existing agreement's four-year term will expire on February 11, 2025, the WRD requests a one-year extension of their cost-share agreement and retention of the balance to finalize the watershed plan and have it approved by NRCS.

Killdeer HWBL Water Expansion (City of Killdeer)

This project is for preconstruction costs associated with the design of 6,200-feet of 10-inch water main to meet the water needs of the HBWL industrial subdivision located south of the city and north of Highway 200. The subdivision is currently served through wells. Also, the new pipeline will provide a secondary water main for additional fire flow to a currently served area directly south of the subdivision.

Since February 2022, the project has been on hold for a few reasons. The City of Killdeer has debated whether to add more improvements to the project including a new concrete road, storm sewer, and sanitary sewer. In addition, the Killdeer City Commission has experienced turnover of four members since 2022. Lastly, the city has had many other improvement projects going on that have taken time and attention away from this project.

Cost-share for the project was approved on February 11, 2021, in the amount of \$75,000. The remaining cost-share balance is \$58,800. The City of Killdeer requests an extension of their cost-share agreement through the end of 2026, and retention of the balance to complete final design.

I recommend extending cost-share agreements for the requested timeframes, based on the project sponsors making progress toward completion of their projects in 2024-2025.

AT:af/1753

MEMORANDUM

TO: Governor Doug Burgum
Members of the State Water Commission

FROM: John Paczkowski, P.E., Interim Chief Engineer-Secretary
SUBJECT: State Water Supply – Killdeer HWBL Water Expansion
DATE: January 27, 2021

The City of Killdeer (City) is requesting cost-share for the construction of 6,200-feet of 10-inch water main to meet the water needs of the HBWL industrial subdivision located south of the City and north of Highway 200. The subdivision is currently served through wells. Also, the new pipeline would provide a secondary watermain for additional fire flow to a currently served area directly south of the subdivision.

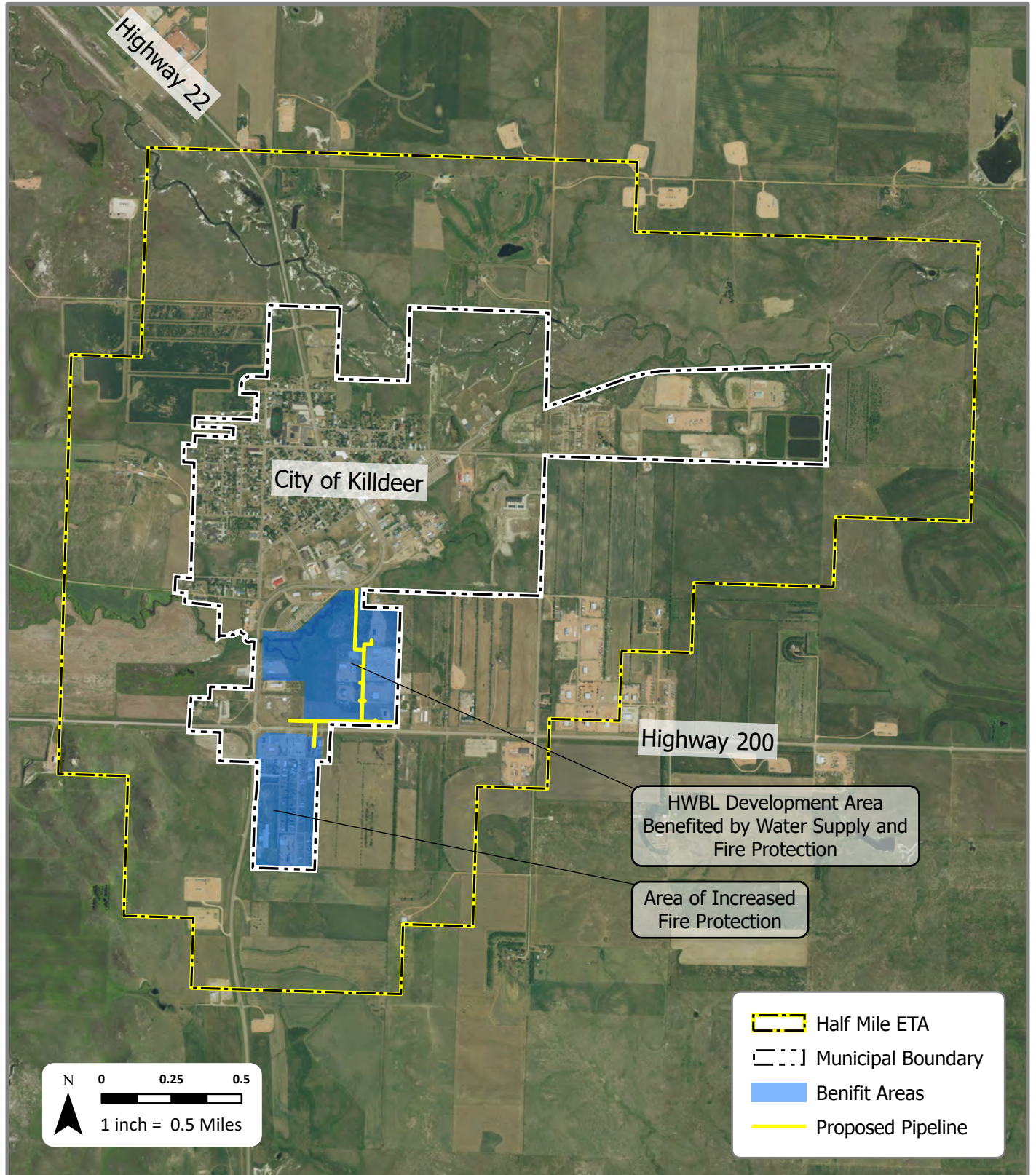
The life cycle cost analysis considered two alternatives: one is to extend an existing 10-inch pipeline to provide service to the area, and the second would be a no build alternative in which the area would continue using well service. The preferred alternative of extending the pipeline into the HBWL subdivision has a capital cost of \$1,228,000. This option also provides additional fire flows for the existing service area to the south.

With eight industrial users identified for this project, the present value cost per user is \$163,500. If the project is funded with a loan, at 2 percent over 20 years, the current user payment increase would be \$776.53 per month and \$310.61 per month with 60 percent cost-share. The current municipal user rate for 5,000 gallons is \$40, with a base monthly water rate of \$7.06, and \$6.56 per 1,000 gallons used. For municipalities included in the 2019 Water Development Plan with a population up to 10,000, the average rate is \$50 for 5,000 gallons. Killdeer serves 1,147 people (569 users) and had an annual population growth rate of 6.6 percent since 2010.

The project is to be designed in 2021, bid in spring 2022, begin construction in summer 2022, and be completed in fall 2022. The estimated total project cost is \$1,228,000, with ineligible administrative and legal costs of \$44,000, leaving an eligible cost of \$1,184,000, and 60 percent cost-share of \$710,000. The local share would be from the City's cash reserves. Pre-construction costs are estimated at \$124,900, with 60 percent cost-share at \$75,000. The project is not due to be bid for construction until spring 2022. Therefore, only a recommendation for pre-construction costs is currently being put forward.

The project is in the 2019 Water Development Plan, is a moderate priority, and meets requirements of the Water Commission's cost-share policy for municipal water supply projects. Therefore, I recommend approval of this request from the City of Killdeer for state cost-share participation at 60 percent of eligible pre-construction costs, not to exceed \$75,000. This approval is contingent on available funding for the 2019-2021 biennium.

JP:JM:ln/2050KIL



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.



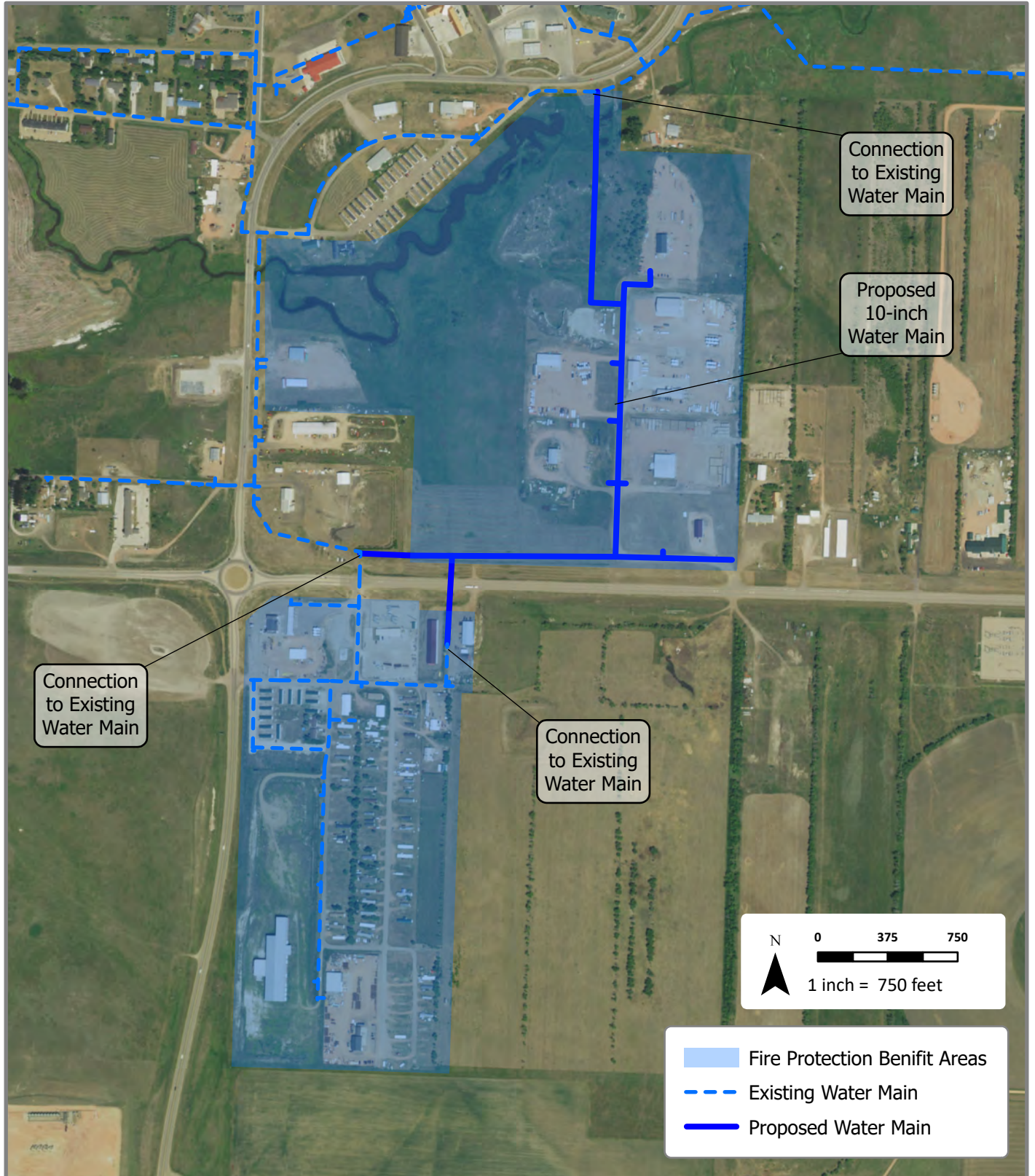
Locator Map Not to Scale

Figure 1 HWBL PROJECT AREA

HWBL DEVELOPMENT WATER MAIN / CITY OF KILLDEER
Killdeer | Dunn County, ND



Date: 1/4/2021



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.



Locator Map Not to Scale

Figure 2 2021 HWBL WATER MAIN PROJECT

HWBL DEVELOPMENT WATER MAIN / CITY OF KILLDEER
Killdeer | Dunn County, ND



Date: 1/4/2021



August 21, 2026

ND Department of Water Resources
Attn: Julie Prescott
Cost-Share Program Manager
1200 Memorial Highway
Bismarck, ND 58504

**SUBJECT: All Seasons Water Users District – Four Year Progress Report
ASWUD Rolla Area Booster**

Dear Julie:

This letter is a response to your previous emails regarding the All Seasons Water Users District (ASWUD) Rolla Area Booster project. We are requesting a contract extension for the funding of this project. This project has been delayed due to the uncertainty of the timing of the delivery and the quantity of NAWS water that will be available. At the time of the original funding request, ASWUD was in negotiations with a landowner for property to locate the proposed booster, but with the NAWS uncertainty the project was delayed. Since then, ASWUD has had discussions with the town of Rolla regarding the possibility of purchasing water directly from the town in order to serve the ASWUD rural customer around Rolla including the users at the higher elevations north of town that see low pressure during peak water usage. The booster location would change if this option moves forward. The current anticipated schedule pending resolution of source water would be as follows:

Bidding in spring of 2027
Construction commencing fall of 2027
Substantial Completion - end of 2028

If you have any additional questions, please feel free to contact me at 701.228.3663 or Bryan Ziegler, Bartlett & West at 701.221.8353.

ALL SEASONS WATER USERS DISTRICT

Daniel F. Schaefer
Manager

cc: BW – Bryan Ziegler

INTEROFFICE MEMORANDUM

TO: Andrea Travnicek, Ph.D., Secretary
Patrick Fridgen, Planning and Education Division Director
Sarah Felchle, Accountant, Administrative Services

FROM: *JM* Jeffrey Mattern, Cost-Share Manager

SUBJECT: NDSWC Cost-Share Request – All Seasons Water Users District Rolla Area Booster

DATE: September 20, 2022

Background & Description

All Seasons Water Users District is requesting cost-share for pre-construction costs to install a 50,000-gallon below grade concrete reservoir and a booster station, one-mile east of Rolla. Users in the area have experienced low pressure during times of high usage and the booster will increase flow from 20 gallons-per-minute (gpm) to 40 gpm. The project will also provide capacity to accommodate approximately 15 future users.

Supplemental Information

Water Development Plan (Priority / Page)	None
Service Users: New/Served/Future	0/25/15
Present Value Cost Per User	\$50,280
Rate / 5,000-Gallons	\$74.00
Comparable Rate / 5,000-Gallons	\$75.00

Schedule

Task	Dates
Study	Aug 2022
Design	Dec 2022
Bid	Mar 2023
Construction	May 2023
Completion	Nov 2023

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommended
Noneligible Cost	\$21,333	\$0	\$21,333		
Eligible Cost Part 1	\$34,667	\$868,000	\$902,667		
Total	\$56,000	\$868,000	\$924,000		
Cost-Share 75% (Recommended)	\$26,000	\$651,000	\$677,000	\$0	\$26,000 (Recommend)

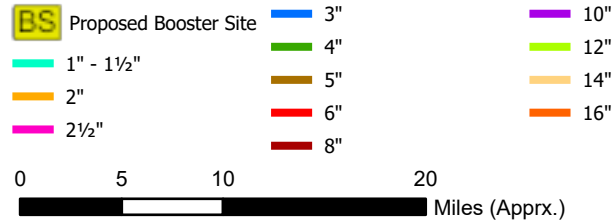
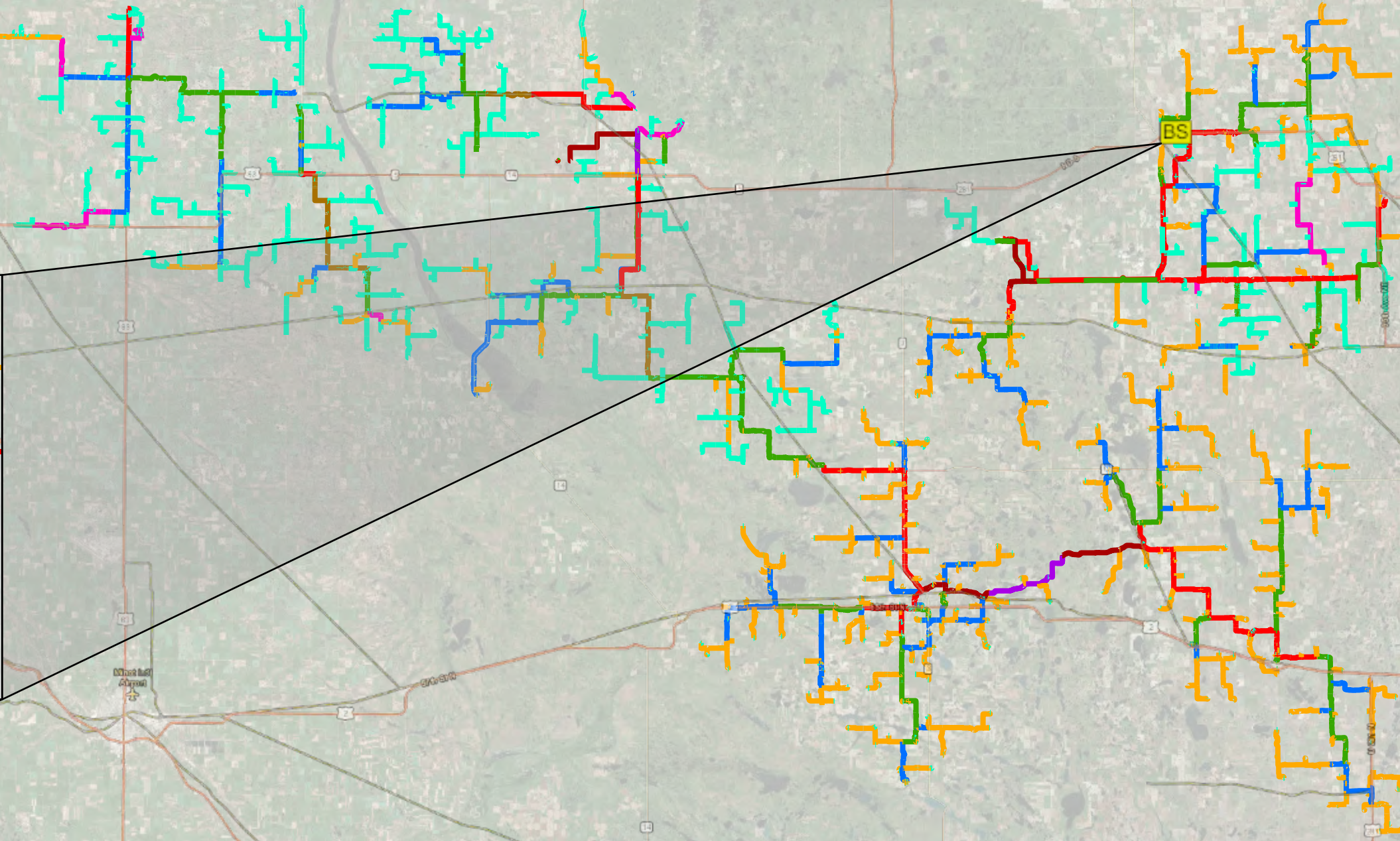
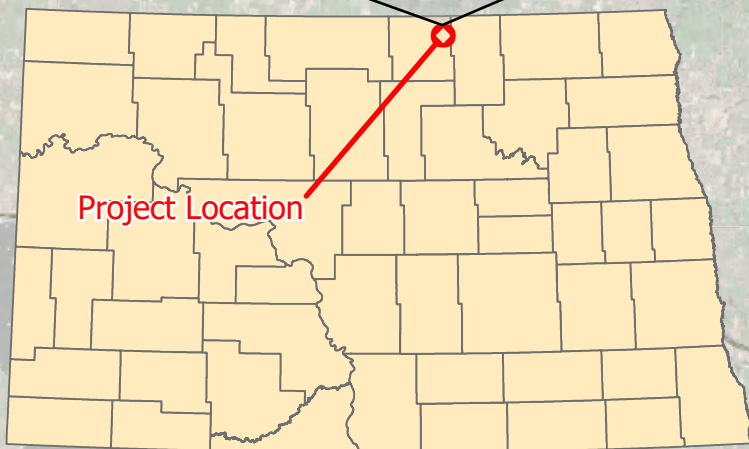
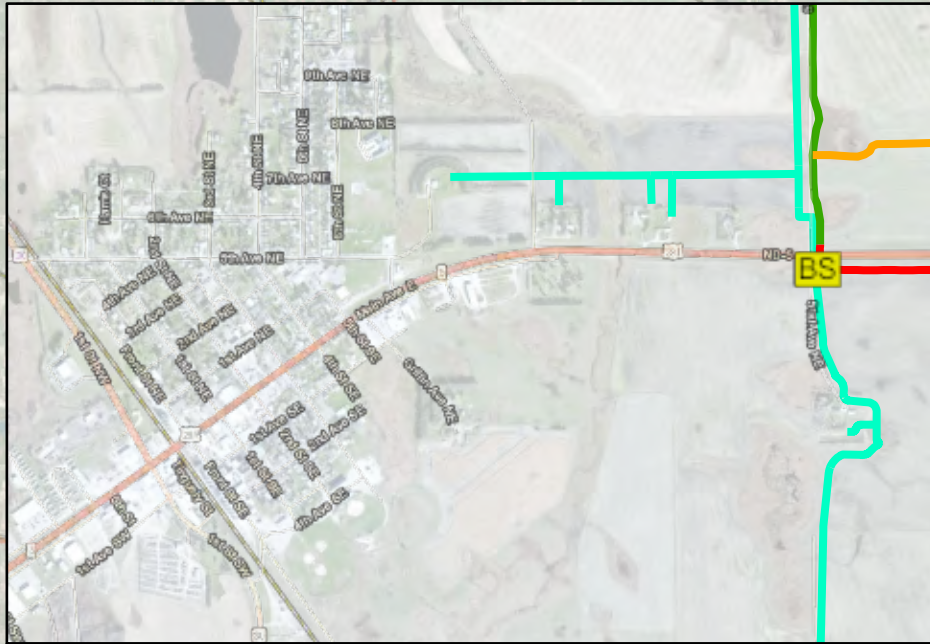
This project meets the requirements of the Water Commission's cost-share policy for rural water supply projects. Therefore, I recommend approval of this request from All Seasons Water Users District for state cost-share participation at 75 percent of eligible costs for the Rolla Area Booster project, for a total amount not to exceed \$26,000. This approval is contingent on available funding.

Approval Signature and Date



09/29/2022

AT:JM/2050ALL



Rolla Area Booster



North Prairie Regional Water District

August 21, 2026

Julie Prescott
North Dakota Department of Water Resources
1200 Memorial Highway
Bismarck, ND 58504

RE: Four-Year Progress Report
North Prairie Regional Water District
Mountrail Phase 2 & 3
Rural Water Supply Project
B17-00-113

Dear Ms. Prescott:

As required by the State Water Commission's *Project Funding Policy, Procedure, and General Requirements* see attached four-year progress report for North Prairie Regional Water District's (NPRWD) Mountrail Water Supply Project. Please consider this letter and attached report as our formal request for an extension. The project is approximately 90% complete to-date as it continues to progress and evolve. The current anticipated completion is 2027.

If you have any questions, please feel free to contact me at (701) 852-1886.

Sincerely,
NPRWD

Craig Haskins
General Manager

Enclosure
JWS



ND State Water Commission: Four-Year Progress Report

To: Julie Prescott, Cost-Share Program Manager

From: Wade Senger, Project Engineer

Re: Mountrail County Water Supply Project
North Prairie Regional Water District

Date: August 20, 2026

Project Background & Purpose

The Mountrail County Water Supply project that began in 2017 to bring potable water from the City of Parshall to small towns and over 100 individual users in the rural communities of Mountrail and western Ward Counties. The overall project consisted of four construction contracts. The first consisted of the construction of a 12-mile transmission line from Parshall to Plaza. The second contract was to construct a booster stations near Parshall, ND which was completed in 2024. The third construction contract consists of approximately 130-miles of distribution lines branching off existing infrastructure in Mountrail and Ward Counties. The fourth construction contract consists of the construction of a new booster station north of Plaza.

For the purpose of this report, we are providing a combined update on Phases 2 and Phase 3 since both have active State Water Commission Cost-Share funds and the two phases are interconnected.

Funding Summary

- **Phase 2**
 - o Total Approved Cost-Share: \$3,086,000.00
 - o Cost-Share Funds Disbursed to Date: \$2,151,866.05
 - o Remaining Balance: \$934,113.95
- **Phase 3**
 - o Total Approved Cost-Share: \$5,446,603
 - o Cost-Share Funds Disbursed to Date: \$5,059,466.86

- Remaining Balance: \$387,136.14

Milestones Achieved

- **Phase 2**
 - Transmission Pipeline completed 9/1/2022 with a total contract amount of \$1,548,060.44.
 - Parshall Booster Station completed 12/6/2023 with a total contract amount of \$660,534.45.
- **Phase 3**
 - Approximately 107 miles of distribution pipe installed in 2025 and 2026 with contract paid to date totaling \$5,613,053.22 at approximately 92 percent complete.
 - 120 individual users have been added as of August 2026.
 - Approximately 10 miles remaining to be finished in 2026.

Current Project Status

Phase 2 – The second booster station near Plaza, ND is expected to be bid in 2026 and constructed in 2027. This project needed to be phased to get the water main built into the region before the building could be built.

Phase 3 – Approximately 11 miles of distribution pipeline and 15 users remain to be installed in Mountrail County. Minor reroutes for environmental considerations and easement procurement have been ongoing in 2026. In addition to the remaining pipe that needs to be installed, punch list items and seeding remain. Construction of Phase 3 is anticipated to be completed in 2026.

Timeline Certification

Interstate Engineering and North Prairie Regional Water District certify that work is advancing despite easement acquisition & environmental delays and requests that the State Water Commission extends the current obligated funds through the next biennium cycle to aid in the project's final completion.

MEMORANDUM

TO: Governor Doug Burgum
Members of the State Water Commission
FROM: Andrea Travnicek, Ph.D., Secretary 
SUBJECT: Cost-Share - Four-Year Progress Reports
DATE: September 29, 2022

N.D.C.C. Section 61-02-14.3 requires project sponsors to provide a progress report to the Commission at least every four years if the term of the project exceeds four years. As such, a request for a progress report was sent to project sponsors identifying the following three options:

1. Turn funds back to the state.
2. Submit final project expenses for reimbursement.
3. Come before the Water Commission to provide a progress report.

A four-year progress report summary and copies of progress reports received from project Sponsors is attached for the Commission's review.

Forest River Dam 1 (Walsh County Water Resource District)

This project is a watershed rehabilitation plan to investigate geologic, structural, and hydrologic concerns with the dam and to develop a plan with alternatives for its rehabilitation. Dam 1 is located on the Forest River near Fordville, ND.

Cost-share of \$279,750 was approved by the Commission on October 11, 2018. The Sponsor requests a continuation of the approval and retention of the full remaining balance of \$52,999 in order to finalize the watershed plan, perform public outreach, and coordinate with the NRCS.

Sheldon Subdivision Levee (Cass County Joint Water Resource District)

This project is construction of a levee and a road raise to protect homes in Sheldon subdivision. The project is located north of Highway 10 between the Cities of Mapleton and West Fargo. No construction work has occurred to date, pending land rights acquisition and a construction permit from the Department of Water Resources.

Cost-share of \$370,200 was approved by the Commission on October 11, 2018. The Sponsor requests a continuation of the approval and retention of the full remaining balance.

Mile Marker 0 and Mile Marker 0.4 Irrigation (Garrison Diversion Conservancy District)

This project is central supply works for two irrigation systems near the City of Coleharbor. The Mile Marker 0 system was intended to service a total of 2,560 acres, and the Mile Marker 0.4 system was intended to service 250 acres.

Cost-share of \$1,673,793 was approved by the Commission on December 7, 2018. The remaining balance is \$1,620,054. Preconstruction has been completed for both irrigation systems. The Sponsor has indicated that they will not be moving forward with construction of the Mile Marker 0 system. Construction of the Mile Marker 0.4 system is planned for 2023. The

Sponsor requests a continuation of the approval and retention of \$92,619 of the remaining balance to complete the Mile Marker 0.4 irrigation project.

Probable Maximum Precipitation Estimates (Department of Water Resources)

This project is a contract with Applied Weather Associates to complete a statewide probable maximum precipitation analysis and to publish the results of the analysis to Applied Weather Associates' web portal.

Cost-share of \$600,000 was approved by the Commission on October 11, 2018. The Sponsor requests a continuation of the approval and retention of the full remaining balance of \$5,692 to allow for on-line publication of the analysis results through December 2022.

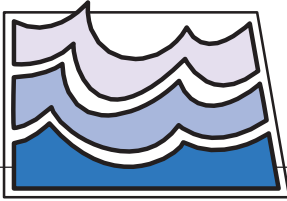
North Central Regional Water District Mountrail Expansion Phase II and Phase III

Phase II allows growth for Plaza and western Ward County along with capacity for the construction of Mountrail Phase III rural expansion. Phase III is to expand a rural water system into southeast Mountrail County and western Ward County.

Phase II cost-share of \$3,086,000 and Phase III cost-share of \$3,430,000 was approved by the Commission on August 23, 2017. The Sponsor requests a continuation of the approval and retention of the full remaining balance. Completion of Phase II is expected by Summer 2023, with Phase III expected to be completed by Fall 2024.

I recommend continuation of the approvals for these projects, based on the project sponsors making progress toward completion of their projects in 2022-2023.

AT:jsp/1753



North Dakota State Water Commission

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

MEMORANDUM

TO: Governor Doug Burgum
Members of the State Water Commission
FROM: Garland Erbele, P.E., Chief Engineer–Secretary
SUBJECT: State Water Supply Funding - Rural Construction
DATE: August 7, 2017

The following State Water Supply funding cost-share requests are for the pre-construction and construction costs. The major steps in the development of any project include final project planning, the local sponsor obtaining the local match, and completing plans and specifications for bidding the project. The project cost-share funding is summarized in the attached table with project descriptions below:

Projects for Funding Approval

Greater Ramsey Water District - The funding request is for assistance to purchase permanent water capacity from the City of Devils Lake water system to supply water to the northern portion of the Greater Ramsey's system. Greater Ramsey has experienced tremendous growth during the past 15 years with membership increasing from 700 to over 2,300 water users. Greater Ramsey's existing water treatment plant capacity is fully utilized. The project provides Greater Ramsey with 13.8 percent (400 gallons per minute) of the Devils Lake's water treatment plant (2,900 gallons per minute) and 19.1 percent (400 gallons per minute) of the water supply system (2,100 gallons per minute). The Devils Lake's non-grant water system cost was \$4,689,144. The estimated eligible cost is \$798,700. Cost-share of 75 percent on construction costs provides total funding of \$599,000.

North Central Water District Mountrail Phase II - The funding request is for the second phase of the project to supply the southeast corner of Mountrail County, Plaza, and western Ward County. Phase I provided a temporary supply to the city of Plaza and the western edge of Ward County in 2014 to meet the current needs of the area but could not meet the future growth of the area. Phase II allows growth for Plaza and western Ward county along with the construction of Mountrail Phase III rural expansion. North Central intends to complete the final design, bid the project, and begin construction by the spring of 2018. The estimated eligible cost is \$4,235,467. Cost-share of 35 percent on pre-construction costs and 75 percent on construction costs provides total funding of \$3,086,000.

August 7, 2017

North Central Water District Mountrail Phase III - The funding request is for the third phase of the project to expand a rural water system into southeast Mountrail County and western Ward County. North Central intends to complete the final design, bid the project, and begin construction by the spring of 2018. The estimated eligible cost is \$4,695,467. Cost-share of 35 percent on pre-construction costs and 75 percent on construction costs provides total funding of \$3,430,000.

Southeast Water Users District – The funding request is for additional cost-share to add 130 users in a system wide expansion Project. The expansion project will provide water service for 480 rural users throughout the currently un-served areas in Dickey, LaMoure, Logan, Ransom, Richland, and Sargent counties and capacity for service to Walcott. The previously approved cost-share was \$11,826,000. The additional eligible cost is \$3,682,530. Cost-share of 35 percent on pre-construction costs and 75 percent on construction costs provides total additional funding \$2,749,000.

I recommend the State Water Commission approve cost-share for the projects described above and listed in the attached table for State Water Supply Cost-Share Funding Rural Construction. The funding is in the form of a cost-share towards eligible costs and contingent on available funding.

GE:JM:ph/2050RAM, 2050NOC, 2050SOE

State Water Supply Cost-Share Funding
Rural Construction

Project	Pre-Construction			Construction			Total Cost-Share	Local Cost	Total Project Cost
	Cost	%	Cost-Share	Cost	%	Cost-Share			
Greater Ramsey Water District	\$0	35	\$0	\$798,700	75	\$599,000	\$599,000	\$199,700	\$798,700
North Central Water District Mountrail Phase II	\$428,571	35	\$150,000	\$3,900,000	75	\$2,925,000	\$3,075,000	\$1,253,571	\$4,328,571
North Central Water District Mountrail Phase III	\$229,000	35	\$80,150	\$4,466,467	75	\$3,349,850	\$3,430,000	\$1,265,467	\$4,695,467
Southeast Water Users District System Expansion	\$32,244	35	\$11,285	\$3,650,286	75	\$2,737,715	\$2,749,000	\$933,530	\$3,682,530
Total	\$970,286		\$339,600	\$12,159,760		\$8,632,320	\$8,971,920	\$3,001,211	\$11,973,131

State Water Supply Cost-Share Funding
Rural Construction

Updated August 17, 2017

Project	Pre-Construction			Construction			Total Cost-Share	Local Cost	Total Project Cost
	Cost	%	Cost-Share	Cost	%	Cost-Share			
Greater Ramsey Water District	\$0	35	\$0	\$798,700	75	\$599,000	\$599,000	\$199,700	\$798,700
North Central Water District Mountrail Phase II	\$226,500		\$79,275	\$4,008,967		\$3,006,725	\$3,086,000	\$1,149,467	\$4,235,467
North Central Water District Mountrail Phase III	\$229,000	35	\$80,150	\$4,466,467	75	\$3,349,850	\$3,430,000	\$1,265,467	\$4,695,467
Southeast Water Users District System Expansion	\$32,244	35	\$11,285	\$3,650,286	75	\$2,737,715	\$2,749,000	\$933,530	\$3,682,530
Total	\$487,744		\$170,710	\$12,924,420		\$9,693,290	\$9,864,000	\$3,548,164	\$13,412,164

MEMORANDUM

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

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – Southeast Water Users District
West Water Treatment Plant Phase 2 System

DATE: September 24, 2026



Background & Description

Southeast Water Users District is requesting preconstruction cost-share for their West Water Treatment Plant Phase 2 System (Project). The Project is installation of filtration membrane skids and pumps, chemical feed systems, electrical and equipment pad upgrades, a diffuser, and other ancillary components. Drinking Water State Revolving Fund loan forgiveness in the amount of \$2,150,450 has been approved for the Project. The Project is located in Dickey County.

Supplemental Information

Water Development Plan/Priority	2025 / Low
New/Future/Current Users	0 / 0 / 970
Present Value Cost / User	\$24,542
Rate / 5,000-Gallons	\$69
Comparable Rate / 5,000-Gallons	\$84
Water Source	LaMoure Aquifer

Schedule

Task	Dates
Study	Oct. 2023
Design	May 2028
Bid	Jun. 2028
Construction	Jul. 2028
Completion	Dec. 2030

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$0	\$0	\$0		
Eligible Cost	\$970,000	\$6,358,625	\$7,328,625		
Total	\$970,000	\$6,358,625	\$7,328,625		
DEQ Funding	\$281,300	\$1,869,150	\$2,150,450		
Cost-Share 53%	\$514,100	\$3,369,531	\$3,883,631		\$514,100

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by the Southeast Water Users District for state cost-share participation in the West Water Treatment Plant Phase 2 System project at 53 percent of eligible costs, not to exceed \$514,100, is eligible for consideration, contingent on available funding.

RH:jsp:ln/2050SOU

1088594 - SEWUD West WTP Phase 2 System - Design

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: Aug 24, 2026 10:57 AM
Initially Submitted By: Chase Julson
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Salutation Don Middle Name Lingen
First Name Last Name
Title: Comptroller
Email*: dl.sewu@rrt.net
Address*: 206 Main St
PO Box 10
Mantador North Dakota 58058-0010
City State/Province Postal Code/Zip
Phone*: 701-242-7432 Ext.
Phone
###-###-####
Fax: 701-242-7807
###-###-####
Comments:

Organization Information

Status*:	Approved
Name*:	Southeast Water Users District
Organization Type*:	Political Subdivision
Tax Id:	45-0345414
Organization Website:	https://www.seh2o.com
Address*:	206 Main St PO Box 10
	Mantador North Dakota 58058-0010 City State/Province Postal Code/Zip
Phone*:	701-242-7432 Ext. ###-###-####
Fax:	701-242-7807 ###-###-####
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*:	SEWUD - West WTP Phase 2 Improvements
Sponsor(s)*:	Southeast Water Users District
County*:	Multiple
City*:	Mantador
Description of Request*:	New
Project Type:	Rural Water Supply
If Project is a Study, What Type?:	Water Supply

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

Jurisdictions/Stakeholders Involved*:

This project will address pressing concerns about the source water quality and quantity that serves three (3) North Dakota counties (Dickey, LaMoure, and Logan) encompassing approximately 970 rural members, three (3) Hutterite Colonies, three (3) individually served communities including Fredonia, Merricourt, and Nortonville, and nine (9) bulk service communities which include Berlin, Edgeley, Ellendale, Fullerton, Gackle, Guelph, Jud, Kulm, and Monango.

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

The existing SEWUD-West WTP, equipped with a 1,000 gpm Iron and Manganese Filtronics proprietary water filter system installed in 1996, is experiencing a decline in source water quality. Notably, elevated concentrations of iron, manganese, total dissolved solids (TDS), and hardness which are adversely affecting the finished water quality. This shift in water composition has led to operational complications, with notable instances of iron and manganese concentrations impeding the effective removal to maintain compliance with the secondary maximum contaminant level (SMCL). In addition to this concern, the SEWUD-West WTP has experienced impacts ranging from scaling and deposition on pipelines and irreversible fouling of the filter media.

As a result, SEWUD implemented the SEWUD-West WTP Phase 1 Improvements project to more appropriately treat the elevated concentrations of Iron and Manganese, while also developing a plan for Phase 2 improvements which would address the Hardness and TDS.

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

To establish higher quality water for our users, the plan is to conduct the design and construction of the WTP in a phased approach. Phase 1, which is currently being constructed, involves constructing a new iron and manganese removal WTP near the existing wellfield site that is designed to improve upon backwash operations and inconsistencies in the iron and manganese within our raw water. Phase 2 is the design and construction of advanced water treatment processes such as Reverse Osmosis or Nanofiltration within the Phase 1 WTP building footprint to address concerns with TDS and hardness.

While understanding that the Phase 1 construction is still on-going, Southeast Water received Loan Forgiveness from the ND DWSRF program that has certain deadlines that are required to be maintained. As such, Southeast Water has begun to consider the design and implementation of Phase 2.

Describe the Objectives or Goals Specific to This Application*:

The objectives of this application is to secure pre-construction funding for the pilot testing, design, and bidding of the Phase 2 project's RO/NF membrane water treatment.

The Phase 2 project overall objective is to provide high quality water that addresses concerns with hardness and Total Dissolved Solids (TDS). Through pilot testing and design, the highest quality water that can be produced while maintaining compliance with applicable permit parameters will be determined and implemented.

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

The scope of work for this project is incorporating membrane technology such as RO/NF filtration skids to remove hardness and Total Dissolved Solids (TDS). This project is the second Phase of the West WTP Improvements project, the first phase accommodated the footprint for the filtration skids along with the construction of basins for feed pumps to provide water for treatment as well as cleaning in place techniques required for membrane skids.

Included in this project include: pilot testing and design of membrane skids, feed water pumps, pumps for cleaning place, chemical feed systems, electrical and equipment pad upgrades to accommodate the skids, the concentrate water discharge pumps and pipeline, a diffuser into the James River, a James River discharge permit, and other ancillary design components.

For this project,

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

What is the Current Estimated Population?*	17950
---	-------

For this project,

What is the Benefited Population?*	7512
---	------

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

Have Land or Easements Been Acquired?*	Ongoing
---	---------

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

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

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

Have You Applied for any State Permits?*	Ongoing
---	---------

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

Submitted in 2022 for DWR Water Permit #7264 Request for an additional 500 Ac-Ft that is currently under review.

Membrane Concentrate Discharge Permit to the James River will be conducted as part of the project scope.

Have You Applied for any Local Permits?*: Ongoing

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

A construction permit for the Discharge Pipeline to the James River will be needed from Wright Township. As well as a building permit from Wright Township for work with in the water treatment plant.

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

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

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: 10/2023
Design Completion*: 05/2028
Bid*: 06/2028
Construction Start*: 07/2028
Construction Completion*: 12/31/2030

Explain Additional Timeline Issues*:

Pilot Study for selection of membrane skids will be required to be completed after the Phase 1 project is substantially complete and producing finished water.
Concurrently with the Pilot Study, the Discharge Permit to the James River will be finalized with pilot study discharge results.
This project has specific deadlines that will be required to be met to receive ND DWSRF loan forgiveness funds. See attachments.

Consulting Engineer*: Chase Julson
Engineer Direct Phone Number*: 701-532-2375
Engineer Email*: chase.julson@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*:

Donald Lingen 08/24/2026
First Name Last Name Date

Title/Position/Authority*:

General Manager

Address*:

PO Box 10
Address Line 1
Address Line 2
Mantador North Dakota 58058-0010
City State Zip Code

Direct Phone Number*:

701-242-7432

Sponsor Email*:

dl_sewu@rrt.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:

Jeffrey Breker
First Name Last Name

Authorized Signor Title/Position:

Board President

Authorized Signor Email:

jeff.d.breker@gmail.com

Authorized Signor Direct Phone Number:

701-680-1875

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

Brian Orn
First Name Last Name

Additional Board Member Title/Position:

Secretary

Additional Board Member Email: bjorn@drtel.net

Additional Board Member Direct 701-680-8301

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 SEWUD Phase 2 - Cost Share Exhibits.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 2026-08-21 SEWUD West WTP Phase 2 delineation_of_cost.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: Minutes 7 21 26.pdf

Cover Letter: 08212026 SEWUD Cover Letter_FE.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: 2026-08-21 SEWUD West WTP Phase 2 delineation_of_cost.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: 2026-08-21 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?: Yes

Feasibility/Engineering Study Material: SEWUD West WTP PER_Signed.pdf

Photos of Problem/Issue: Project Concern Photos.pdf

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

Other Applicable Document(s): Yes

Other Applicable Document: Southeast WUD Award Letter.pdf

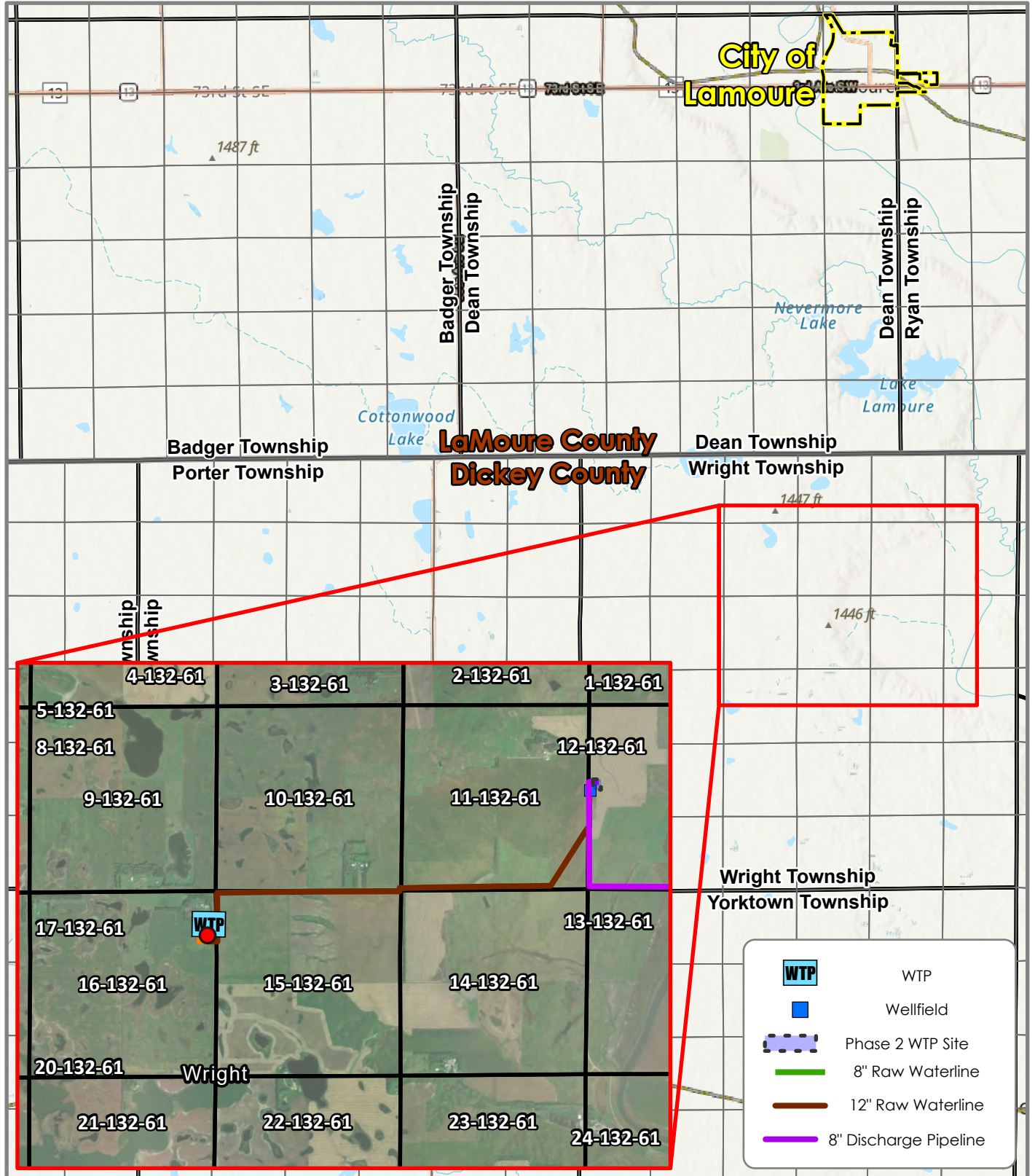
Other Applicable Document:

Other Applicable Document:

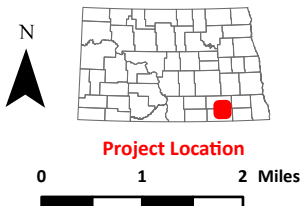
Sources

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

Source	If Other, Specify Funding Source	Source Status	State	Fiscal	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
			Year 1 July to June	State Fiscal Year 2 July to June					
Drinking Water State Revolving Fund		Future Request	\$0.00	\$33,500.00	\$699,362.52	\$732,862.52	Loan	30.00	2.00
Other	DEQ SRF Loan Forgiveness	Future Request	\$0.00	\$98,299.58	\$2,052,150.42	\$2,150,450.00	Grant	0.00	0.00
Department of Water Resources Cost Share Pre- Construction		Current Request	\$0.00	\$203,200.42	\$385,170.96	\$588,371.38 \$514,100.00	Grant	0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$0.00	\$3,856,941.30	\$3,856,941.30	Grant	0.00	0.00
			\$0.00	\$335,000.00	\$6,993,625.20	\$7,328,625.20			



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 South FIPS 3302 Feet Intl | Edited by: RGroth | W:\S\SEWUD\General Services\GIS\SEWUD General Services - Mapping and Analysis.aprx | SEWUD-West WTP & Well Site

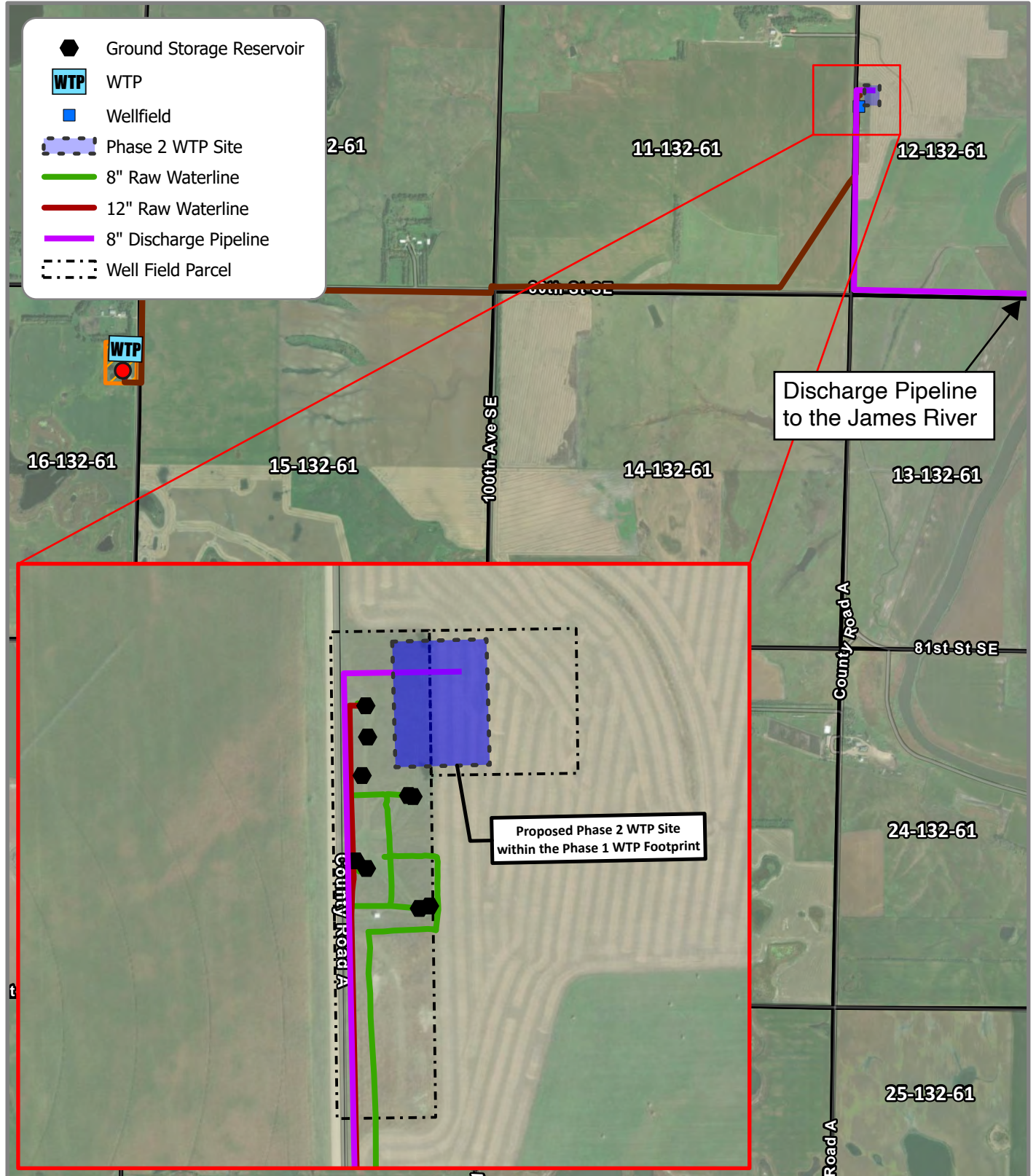


SEWUD - WEST WTP PHASE 2 IMPROVEMENTS

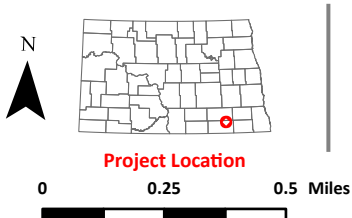
SEWUD
Wright Township | Dickey County, ND

H2
Date: 8/20/2026





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 South FIPS 3302 Feet Intl | Edited by: RGroth | W:\S\SEWUD\General Services\GIS\SEWUD General Services - Mapping and Analysis.aprx | SEWUD-West Existing Wellfield Site



SEWUD WEST WTP PHASE 2 IMPROVEMENTS

SEWUD
Wright Township | Dickey County, ND



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

DWR Date Received : August 24, 2026

Date :	8/20/26
Project :	SEWUD - West WTP Phase 2 Improvements
Sponsor :	Southeast Water Users District
Contact :	Don Lingen
Phone :	701-242-7432
Engineer :	Chase Julson, AE2S
Phone :	701-364-9111

Total Cost :	\$ 7,328,625.20	Total Cost-Share* :	\$ 5,496,468.90
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 7,328,625.20	Preconstruction :	\$ 727,500.00
Local Cost :	\$ 1,832,156.30	Construction :	\$ 4,768,968.90

Current request \$514,100

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							
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	4.8%	1	LS	350,000.00	\$ 350,000.00	75%	\$ 262,500.00
7	7.5%	1	LS	550,000.00	\$ 550,000.00	75%	\$ 412,500.00
8	0.8%	1	LS	60,000.00	\$ 60,000.00	75%	\$ 45,000.00
9	0.1%	1	LS	10,000.00	\$ 10,000.00	75%	\$ 7,500.00
10	0.0%	0		-	\$ -	75%	\$ -
	13.2%	Preconstruction Total			\$ 970,000.00	75%	\$ 727,500.00

\$514,100

Construction Engineering Costs							
11	5.5%	1	LS	400,000.00	\$ 400,000.00	75%	\$ 300,000.00
12	2.7%	1	LS	200,000.00	\$ 200,000.00	75%	\$ 150,000.00
13	1.0%	1	LS	75,000.00	\$ 75,000.00	75%	\$ 56,250.00
14	0.0%	0		-	\$ -	75%	\$ -
	9.2%	Construction Engineering Total			\$ 675,000.00	75%	\$ 506,250.00

Construction Costs							
15	3.2%	1	LS	235,132.00	\$ 235,132.00	75%	\$ 176,349.00
16	0.7%	1	LS	50,000.00	\$ 50,000.00	75%	\$ 37,500.00
17	0.7%	1	LS	50,000.00	\$ 50,000.00	75%	\$ 37,500.00
18	4.3%	7920	LF	40.00	\$ 316,800.00	75%	\$ 237,600.00
19	1.4%	1	LS	100,000.00	\$ 100,000.00	75%	\$ 75,000.00
20	15.0%	1	LS	1,100,000.00	\$ 1,100,000.00	75%	\$ 825,000.00
21	0.9%	1	LS	65,000.00	\$ 65,000.00	75%	\$ 48,750.00
22	3.4%	5	EA	50,000.00	\$ 250,000.00	75%	\$ 187,500.00
23	2.7%	1	LS	200,000.00	\$ 200,000.00	75%	\$ 150,000.00
24	38.2%	1	LS	2,800,000.00	\$ 2,800,000.00	75%	\$ 2,100,000.00
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			\$ 5,166,932.00	75%	\$ 3,875,199.00
	7.1%	Allowable Contingency (10%)			\$ 516,693.20	75%	\$ 387,519.90
	0.0%	Elective Contingency Reduction		0	\$ -	75%	\$ -
	77.6%	Construction Total			\$ 5,683,625.20	75%	\$ 4,262,718.90

\$3,369,531

Eligible Preconstruction	\$ 970,000.00	75%	\$ 727,500.00
Eligible Construction	\$ 6,358,625.20	75%	\$ 4,768,968.90
Eligible Total	\$ 7,328,625.20	75%	\$ 5,496,468.90

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	\$ 7,328,625.20		

Federal or State Funds That Supplant Costs	\$ -		
Eligible Cost Total	\$ 7,328,625.20	75%	\$ 5,496,468.90

\$2,150,150.00 SRF Loan Forgiveness

\$5,178,175 at 75% cost share \$3,883,631

* 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: Southeast Water Users District (SEWUD) **Date:** August 25, 2026
Project Title: SEWUD - West WTP Phase 2 Improvements

Explanation of Alternatives:

- Do Nothing Alternative: Concerns regarding treatment quantity, quality, and age of existing infrastructure are not addressed. This alternative is considered non-viable and was eliminated from consideration.

- **Construct Membrane Treatment Technology (Preferred):** RO/NF membrane water treatment skids are implemented within the footprint of Phase 1's building to assist in treating hardness and total dissolved solids (TDS) to achieve high quality finished water. No other alternative was considered given this project functions within Phase 1 design.

Inputs:

New Connections Served	0	Current CIF Balance	N/A
Future Connections Served	0	Annual CIF Contribution	N/A
Current Connections Served	970	Cash Funding Target (Percentage %) New Assets	N/A
Net Connections (New + Current)	970	Cash Funding Target (Percentage %) Existing Assets	N/A
		Annual CIF Contribution suggested for the Project	N/A

	Do Nothing	Treatment Technology (RO/NF) with the Phase 1 building footprint.	-	-
Construction Cost	\$0	\$7,328,600	\$0	\$0
Annual O & M	\$400,000	\$450,000	\$0	\$0

Details:

Phase 1 was designed and is currently being constructed to enable phase 2 reasonable installation and implementation of the RO/NF membrane technology

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

	Do Nothing	Construct Membrane Treatment Technology (RO/NF) with the Phase 1 building footprint.	-	-
Present Value				
Capital Costs	\$0	\$7,213,000	\$0	\$0
O&M	\$10,140,000	\$10,522,000	\$0	\$0
Repair, Rehab, Replacement	\$0	\$6,370,000	\$0	\$0
Salvage Value	\$0	\$299,000	\$0	\$0
Total PVC	\$10,140,000	\$23,806,000	\$0	\$0
PV Cost Per User	\$10,454	\$24,542	\$0	\$0
Construction Cost Per User \$7,555				
Current Water Rate (Cost Per 5000g)	\$69			
Comparable Water Rate	\$84			
Net Connections (New + Current)	970	970	970	970
Cost-Share Percent	75%	75%	75%	75%
Adjusted Cost Share Percent		53%		
DWR Share	\$0	\$3,822,890	\$0	\$0
Other Funding	\$0	\$2,150,450	\$0	\$0
Total Local	\$0	\$1,239,660	\$0	\$0
Payment Per User With Cost-Share	\$0.00	\$6.47	\$0.00	\$0.00
Local Share	\$0	\$5,062,550	\$0	\$0
Other Funding	\$0	\$2,150,450	\$0	\$0
Total Local	\$0	\$5,062,550	\$0	\$0
Payment Per User Without Cost-Share	\$0.00	\$26.40	\$0.00	\$0.00

Explanation of Results:

This project constructs RO/NF technology to achieve higher quality finished water. The present value cost per user is \$14,897 and construction cost per user is \$7,555. DEQ funding is approved for \$2,150,450. Monthly payment per user is \$6.47 with DWR cost share participation and \$26.40 without DWR participation.



SOUTHEAST WATER USERS

PO Box 10
MANTADOR, ND 58058
PHONE (701) 242-7432 • TOLL FREE (800) 400-8888
FAX (701) 242-7807 • EMAIL: sewu@rrt.net

August 21, 2026

Department of Water Resources
Governor Kelly Armstrong
Chairman
900 East Boulevard Ave.
Dept 770
Bismarck, ND 58505-0850

Re: Cost-Share Request WebGrants ID 1088301

Dear Governor Armstrong and Commission Members:

Southeast Water Users District (SEWUD) is pleased to submit a pre-construction cost-share request through WebGrants for consideration at the upcoming October 8, 2026 State Water Commission (SWC) meeting. In June 2025, SEWUD submitted a request to the SWC for construction funding for the SEWUD-West Water Treatment Plant (WTP) Phase 1 Improvements project and this pre-construction cost share request pertains specifically to the SEWUD-West WTP Phase 2 Improvements component of the overall SEWUD – West Water Treatment Plant Improvements Project.

The SEWUD-West System provides potable water service to three (3) North Dakota counties (Dickey, LaMoure, and Logan) serving approximately 970 rural members. Additionally, SEWUD-West serves three (3) Hutterite Colonies, three (3) communities on an individual basis (Fredonia, Merricourt, and Nortonville) and nine (9) bulk service communities (Berlin, Edgeley, Ellendale, Fullerton, Gackle, Guelph, Jud, Kulm, and Monango). Our customers depend upon the reliability and resilience of the SEWUD-West system to meet their water needs, not only now, but into the foreseeable future.

To establish higher quality water for our users, we are currently constructing the new WTP with a phased approach in mind. The Phase 1 project, which is currently under construction, involves constructing a new iron and manganese removal WTP that meets the inefficiencies that the current WTP exhibits and improve upon backwash operations due to the inconsistencies in the iron within our raw water. The new WTP incorporates aeration, flocculation, and detention technologies, along with pressure filtration, to optimize iron and manganese removal and improves backwash operations; thereby reducing waste and ensuring that the treatment process remains efficient and sustainable for years to come, while providing the pretreatment required to implement Phase 2.

Phase 2 , which is the project currently requesting pre-construction dollars for the pilot testing and design of the advanced water treatment processes (reverse osmosis (RO) or nanofiltration (NF) treatment) at the Phase 1 WTP to address concerns with Total Dissolved Solids (TDS) and hardness.

SEWUD recognizes the importance of careful planning and financial responsibility in undertaking such significant infrastructure projects. As such, SEWUD has secured loan forgiveness from the ND Department of Environmental Quality (DEQ) Drinking Water State Revolving Fund (DWSRF) to aid in the funding of the design, construction, and implementation of this Phase 2 project. However, the loan forgiveness has specific timelines that must be adhered to which is why the design of the Phase 2 project is being pursued prior to the completion of the Phase 1 project.

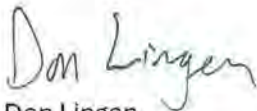
The acquirement of the Loan Forgiveness underscores our team's dedication to delivering cost-effective solutions while prioritizing the long-term reliability and sustainability of the system. By addressing these improvements in a deliberate manner, we seek to ensure that every dollar of State funding is utilized to its maximum benefit for the communities it serves.

The SEWUD-West System improvements represent a significant investment in the region's future, supporting economic stability and quality of life for all residents and stakeholders. Your continued support of this project is essential in achieving these goals.

Thank you for considering SEWUD's pre-construction cost-share application. If you have any questions, please do not hesitate to contact me at (701) 242-7432.

Sincerely,

Southeast Water Users District

A handwritten signature in dark ink, appearing to read "Don Lingen". The signature is fluid and cursive, with the first name "Don" and last name "Lingen" clearly distinguishable.

Don Lingen
General Manager

cc: Chase Julson, PE AE2S

MINUTES

SOUTHEAST WATER USERS DISTRICT

July 21, 2026

The regular meeting of the Board of Directors of Southeast Water Users District was held at the SEWUD Office in Mantador, ND at 10:00 a.m. on Tuesday, July 21, 2026.

President Jeff Breker called the regular meeting to order.

Chris Anderson (2027)

Chuck Glynn (2026)

Michael Prochnow (2028)

Jeff Breker (2027)

Daryl Lematta (2027)

Sandi Rupp (2028)

Brian Orn (2028)

Jason Theede (2026)

Said persons being of the Board of Directors. Director J. Anderson (2026) was absent. Others in attendance were Chase Julson of AE2S, and SEWUD representatives Don Lingen, General Manager, Chad Lingen, Lead Field Operator, and Megan Roob, Administrative Assistant.

LaVonne Althoff Appreciation Resolution

- With sincere gratitude for your unwavering commitment, leadership, & dedication to the Southeast Water Users District Board of Directors. Your years of service have made a lasting impression and impact on our organization and the communities that we serve. In honor of the many years of service, we would like to plant a tree and present a gift basket to LaVonne.

Director C. Anderson made a motion that this should be read into the permanent minutes of Southeast Water and seconded by Director Rupp. All directors present voted yes. Motion carried.

RESOLVED/ - That the above statement in appreciation of LaVonne Althoff is part of the permanent minutes of Southeast Water.

Minutes

Director Rupp made a motion that the minutes of the June 16, 2026 regular meeting be approved as read and seconded by Director Lematta. All directors present voted yes. Motion carried.

RESOLVED/ - That the minutes of the June 16, 2026 regular meeting are approved as read.

Financial Report

General Manager Lingen presented the June financial results to the Board.

MINUTES – Southeast Water Users District – July 21, 2026

Discussion about higher prices for our alarm system through Smart Sights. Director Prochnow is going to look into what Ellingson uses and see what the cost is.

A motion was offered by Director Orn to approve the Financial Statements as presented and seconded by Director Rupp. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That the June 2026 Financial Statements be approved as presented.

Administrative Assistant Megan Roob presented 1 account to be written off:

- Siriamphone Hansana \$244.99

Director Theede made a motion to write off the Siriamphone Hansana account and seconded by Director Glynn. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That the Siriamphone Hansana account will be written off.

West Water Treatment Plant

Chase Julson gave an update on the project

- No news on the water allocation permits
 - Department of Water Resources has not moved on any of the permits ahead of us either
- Work is still being done for the discharge permit
 - Won't be able to get final approval until we do the pilot test
- Chase updated the board on construction progress
 - Once matt slab is done, the foundation and walls will start going up.

Chase presented Change Order No. 3 to Contract No. 1 for CC Steel to replace a 40 hp submersible motor on well #1 in the West Wellfield. The total cost of this change order is \$10,514.67.

A motion was offered by Director Rupp to approve Change Order No. 3 to Contract No. 1 for CC Steel to replace a 40 hp submersible motor on well #1 in the West Wellfield for \$10,514.67 and seconded by Director Lematta. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That Change Order No. 3 to Contract No. 1 for CC Steel to replace a 40 hp submersible motor on well #1 in the West Wellfield for \$10,514.67 is approved.

Chase also presented Change Order No. 1 to Contract No. 3 for Sun Electric to supply two (2) Pressure Transmitters to replace existing transmitters and supply well pump temperature equipment for \$9,411.91.

Discussed by Lead Operator Lingen, well/pipe cleaning and maintenance needs to be done annually to help keep pump temperatures consistent.

MINUTES – Southeast Water Users District – July 21, 2026

A motion was offered by Director Orn to approve Change Order No. 1 to Contract No. 3 to supply two (2) Pressure Transmitters to replace existing transmitters and to supply well pump temperature equipment for \$9,411.91 and seconded by Director C. Anderson. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That Change Order No. 1 to Contract No. 3 to supply two (2) Pressure Transmitters to replace existing transmitters and supply well pump temperature equipment for \$9,411.91 is approved.

Chase presented Pay App No. 6 from CC Steel for \$395,100.00, and Pay App No. 2 from Peterson Sheet Metal for \$8,099.36 part of pay request #25.

President Breker presented a West Water Treatment Plant Improvements Request for Payment #25 totaling \$483,484.20 to the board for their review. The Request for Payment includes 1 bill totaling \$80,284.84 from AE2S, 1 bill totaling \$395,100.00 from CC Steel, and 1 bill totaling \$8,099.36 from Peterson Sheet Metal.

A motion was offered by Director Theede to authorize payment of the bill presented for the West Water Treatment Plant Improvements and seconded by Director Glynn. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That West Water Treatment Plant Improvements Request for Payment #25 totaling \$483,484.20 is approved.

NDDWR Cost-Share Application for the West WTP Phase II Project

- Chase informed the board that a resolution is required to move ahead with the NDDWR Cost-Share Application

A motion was offered by Director C. Anderson to authorize SEWUD to apply for a Cost-Share Grant for the West WTP Phase II Project to be signed by GM Lingen and seconded by Director Orn. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That SEWUD is authorized to apply for a Cost-Share Grant for the West WTP Phase II Project.

NDDEQ SRF Loan Application for the West WTP Phase II Project

- Chase informed the board that a resolution is required to move ahead with the development and submission of a SRF Loan Application for the West WTP Phase II Project

A motion was offered by Director C. Anderson to authorize SEWUD to apply for the NDDEQ SRF Loan Application for the West WTP Phase II Project to be signed by President Breker and Secretary Orn and seconded by Director Orn. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That SEWUD is authorized to apply for the NDDEQ SRF Loan Application for the West WTP Phase II Project.

Red River Valley Water Supply Project (RRVWSP)

- Spencer Halvorson & Tim Mahoney
 - Came to Mantador Office to update the board of directors and GM on RRVWSP
- Received budget for LAWA for 2027
 - SEWUD budget for LAWA portion is \$7,775.00
- President Breker updated the board on the project

Manager & Field Reports

GM Lingen presented the Manager's Report & Field Report

- Brightwood Aquifer
 - No change since last meeting – test wells not allowed until after August 2nd 2026
 - Will need to get a temporary easement in place
- Riverview Dairy
 - Chase staked up line route
 - Riverview will begin digging (July 27, 2026)
 - Administrative hearing (Haven't heard anything)
- Applied Digital/Pheasant Lake Worker Camp
 - GM Lingen discussed we still don't have the easements for ELN 4.
 - We are waiting for construction plans from Applied Digital's Contractor/Engineer
 - Nothing will be signed until all documents from Applied Digital have been signed and received
- Lead and Copper
 - Stretch has inventoried the last house in Cogswell
 - Any meter put in after 1989 is within guidelines
- Water Rate Committee
 - President Breker needs to put together a committee to discuss water rates for Jan 1, 2028
 - Theede, Orn, and Rupp volunteered.
- Wage Survey
 - GM Lingen went over Wage Survey provided by NDRWSA
- Bank North CD's
 - SEWUD is redeeming 2 CD's and is purchasing 2 different CD's, a motion is required by the Board to complete these transactions.

A motion was offered by Director Rupp to authorize SEWUD to redeem maturing CD's and purchase 2 new CD's at the current rate and have Leslie Reiland and Donald Lingen as authorized signor and seconded by Director C. Anderson. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That SEWUD is authorized to redeem maturing CD's and purchase 2 new CD's at the current rate and have Leslie Reiland and Donald Lingen as authorized signor.

MINUTES – Southeast Water Users District – July 21, 2026

- Watersalesman
 - Lead Operator Lingen would like to eliminate all watersalesman
 - Board discussed any reason we would need to keep them

A motion was offered by Director C. Anderson to authorize SEWUD to eliminate all waterslesman at the reservoirs in the East System and seconded by Director Rupp. Ayes - Directors C. Anderson, Breker, Glynn, Lematta, Orn, Prochnow, Rupp & Theede; Nays – None. Motion carried.

RESOLVED/ - That SEWUD is authorized to eliminate all watersalesman in the East System.

Other Business

Nothing discussed.

There being no further business to come before the board, a motion for adjournment was offered by Director Theede and seconded by Director Orn. All directors present voted yes. Motion carried.

RESOLVED/ - Meeting adjourned.

Leslie Reiland, Acting Secretary



SEWUD-West Filter Media New Media (L) and Media after 3-years of use (R)



SEWUD-West 12-inch Raw Water Supply Line – Iron Build-Up (2017)



SEWUD-West 6-inch Raw Water Supply Line – Iron Build-Up (2019)

MEMORANDUM

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

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – City of Grenora
Water Treatment Improvements

DATE: September 24, 2026



Background & Description

The City of Grenora is requesting preconstruction cost-share for their Water Treatment Improvements (Project). The Project is construction of a new filtration treatment facility to reduce manganese levels in the City's raw water supply. The Project has been awarded a Department of Environmental Quality Emerging Contaminants grant in the amount of \$2,550,000 at 75% to be applied toward Project costs, with a maximum non-local share of 90%. The Project is located in Williams County.

Supplemental Information

Water Development Plan/Priority	2025 / Low
New/Future/Current Service Users	0 / 40 / 164
Present Value Cost / User	\$30,055
Rate / 5,000-Gallons	\$39
Comparable Rate / 5,000-Gallons	\$65
Water Source	Grenora Aquifer

Schedule

Task	Dates
Study	Apr. 2026
Design	Jan. 2027
Bid	Feb. 2027
Construction	Mar. 2027
Completion	Nov. 2027

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$298,000	\$0	\$298,000	\$223,500	DEQ
Eligible Cost	\$200,000	\$2,902,000	\$3,102,000	\$2,326,500	DEQ
Total	\$498,000	\$2,902,000	\$3,400,000		
DEQ 75%	\$373,500	\$2,176,500	\$2,550,000		
Cost-Share 15%	\$30,000	\$435,300	\$465,300		\$30,000

This project, as presented, meets guidelines of the Water Commission's cost-share policy. Therefore, this request by the City of Grenora for state cost-share participation in the Water Treatment Improvements project at 15 percent of eligible costs, not to exceed \$30,000, is eligible for consideration, contingent on available funding.

RH:jspln/2050GRN

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

1087201 - Water Treatment Plant

Application Details

Funding Opportunity:	1085949-July 2025 - June 2026 Infrastructure Request
Funding Opportunity Due Date:	Jun 30, 2026 3:00 PM
Program Area:	Funding for Infrastructure in ND - FIND
Status:	Under Review
Stage:	Final Application
Initial Submit Date:	Apr 28, 2026 1:23 PM
Initially Submitted By:	Jamie Bolduc
Last Submit Date:	Jul 2, 2026 1:41 PM
Last Submitted By:	Jamie Bolduc

Contact Information

Primary Contact Information

Active User*:	Yes
Type:	External User
Name:	Ms. Jamie Bolduc Salutation First Name Middle Name Last Name
Title:	City Auditor
Email*:	auditor@cityofgrenora.com
Address*:	PO BOX 296 City of Grenora North Dakota 58845 City State/Province Postal Code/Zip
Phone*:	701-694-3391 1 Phone Ext. ###-###-####
Fax:	701-694-3392 ###-###-####
Comments:	

Organization Information

Status*:	Approved
Name*:	City of Grenora
Organization Type*:	Municipal Government
Tax Id:	45-6002089
Organization Website:	http://www.cityofgrenora.com
Address*:	PO BOX 296

204 Main St

City of Grenora North Dakota 58845-____
City State/Province Postal Code/Zip

Phone*: 701-694-3391 1
###-###-#### Ext.

Fax: 701-694-3392
###-###-####

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*: Grenora Water Treatment Plant

Sponsor(s)*: City of Grenora

County*: Williams

City*: Grenora

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?:** Grenora Aquifer

Jurisdictions/Stakeholders Involved*:

City of Grenora
NDDEQ
USEPA

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

The primary concern of the City is the elevated levels of manganese present in the well water. Historically, the water samples have shown manganese levels exceeding the EPA health advisory level of 0.30 mg/L with the most recent sample taken on December 4, 2025 having a level of 0.38 mg/L. While the existing system is able to produce and treat the well water to current drinking water standards, the system is not capable of manganese removal.

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

A pilot study has been conducted, and a greensands water filter system has been recommended for water treatment. Under the proposed conditions, a new facility will be constructed to house three 60-inch GreensandPlus? chambers. The three chambers allow for a design flow up to 175 gpm with all three chambers active.

Describe the Objectives or Goals Specific to This Application*:

The goal of this application is to acquire funding assistance for the City of Grenora to be able to fund the preconstruction design of a new water treatment facility. The water treatment facility will be designed to reduce the manganese level in the well water to below the EPA's secondary standard of 0.05 mg/l.

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

Full site, and water treatment system design are to be completed. Treatment facility needs include grading, a building, water treatment equipment, water handling equipment, mechanical, electrical, and sanitary sewer infrastructure.

For this project,

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

What is the Current Estimated Population?* 323

For this project,

What is the Benefited Population?* 323

Have Assessment Districts Been Formed?* No

Have Land or Easements Been Acquired?* Ongoing

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

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

Have You Applied For Any Federal Permits?* No

Have You Applied for any State Permits?* No

Have You Applied for any Local Permits?* No

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

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

(Example: Hazard Mitigation Grant Program)

*:

Explain the Source, Timing and Amount of Federal Funds:

Drinking Water State Revolving Fund (DWSRF) for \$2,553,000. 3 deadlines must be met; Submit a first loan draw by October 31, 2027, Issue notice of Award for the construction contract by June 30, 2028, and Use all loan forgiveness funds by December 31, 2030.

Federal Funding Contact: Shannon Fisher
First Name Last Name

Federal Funding Contact Number: 701-328-5220

Federal Funding Email: smfisher@nd.gov

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*: April 2026

Design Completion*: September 2026 **January 2027**

Bid*: October 2026 **February 2027**

Construction Start*: November 2026 **March 2027**

Construction Completion*: November 2027

Explain Additional Timeline Issues*:

Design is slotted to begin in June of 2026. Notice of full award will be received in March or April of 2026. Following notification of full extent of funding, the project will complete design and proceed to bid by October of 2026.

Consulting Engineer*: Austin Alexander

Engineer Direct Phone Number*: 701-577-2222

Engineer Email*: austin.alexander@ackerman-estvold.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*: Jamie Bolduc 04/28/2026
First Name Last Name Date

Title/Position/Authority*: City Auditor

Address*: 204 Main Street
Address Line 1

PO Box 296
Address Line 2

Grenora North Dakota 58845-0000
City State Zip Code

Direct Phone Number*: 701-694-3391

Sponsor Email*: auditor@cityofgrenora.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: Brett Wilkins
First Name Last Name

Authorized Signor Title/Position: Mayor

Authorized Signor Email: Auditor@cityofgrenora.com

Authorized Signor Direct Phone Number: 701-694-3391

Provide the Name for One Additional Board Member, if Applicable: Blake Lampert
First Name Last Name

Additional Board Member Title/Position: Council President

Additional Board Member Email: auditor@cityofgrenora.com

Additional Board Member Direct Phone Number: 701-694-3391

Documentation

Documentation

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

[CLICK HERE](#) to see examples.

Project Specific Map [Project Location Map 8.5x11.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 [Alt 2 - New Treatment Facility.pdf](#)

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

:

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

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

Minutes: [June 25 2026 Special meeting minutes.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 2.xlsx](#)

Type of Request: Preconstruction

Is This a Water Supply Project?: Yes

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

Life Cycle Cost Analysis: [life_cycle_cost_analysis_Alts 1-4.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:2026 Grenora Water Treatment Facility Plan_June 2026_Rev 01.pdf

Photos of Problem/Issue:

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

Other Applicable Document(s):Yes

Other Applicable Document:2026 Grenora Water Treatment Facility Plan_June 2026_Rev 01.pdf

Other Applicable Document:life_cycle_cost_analysis_Alt 5.xlsx

Other Applicable Document:2026-06-26_Mitchell Murray_DEQ_Response to Facility Plan Comments.pdf

Sources

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

Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Drinking Water State Revolving Fund	Loan Forgiveness Emerging Contaminants	Current Request	\$2,550,000.00	\$0.00	\$0.00	\$2,550,000.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Current Request	\$340,000.00	\$0.00	\$0.00	\$340,000.00	Loan	30.00	2.00
Department of Water Resources Cost Share Construction		Future Request	\$390,000.00	\$0.00	\$0.00	\$390,000.00	Grant	0.00	0.00
Department of Water Resources Cost Share Pre-Construction		Current Request	\$120,000.00	\$0.00	\$0.00	\$120,000.00	Grant	0.00	0.00
			\$3,400,000.00	\$0.00	\$0.00	\$3,400,000.00			



Graphic Scale:

Attention is Drawn to the Fact That Drawing Scales
May be Altered During Reproduction Processes.
Scales Shown Hereon are Based on a Full Scale
Sheet Size of 8.5" x 11".

Scale: 1" = 1000'

Legend:

- City Limit

- Project Area



Grenora Water Treatment
Improvements Project
Project Location Map
Grenora, N.D.

1 OF 1

SCALE (H): 1" = 1000'
SCALE (V): 1" = XX'
DRAWN BY: WJM
DESIGNED BY: WJM
CHECKED BY: PDS
DATE: 03/05/2026



1907 17th St SE • Minot, ND 58701
701.837.8737 • www.ackerman-estvold.com
Minot, ND | Fargo, ND | Williston, ND | Boise, ID

NO.	REVISIONS	BY	DATE	APPR.



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

DWR Date Received : July 02, 2026

Date :	4/20/26
Project :	Water Treatment Improvements Project
Sponsor :	City of Grenora
Contact :	Jamie Bolduc, City Auditor
Phone :	000-0000-0000
Engineer :	Austin Alexander, Ackerman-Estvoid
Phone :	701-577-2222

Total Cost :	\$ 3,400,000.00	Total Cost-Share* :	\$ 1,861,200.00
Ineligible Cost :	\$ 298,000.00	Other Eligible :	\$ -
Eligible Cost :	\$ 3,102,000.00	Preconstruction :	\$ 120,000.00
Local Cost :	\$ 1,538,800.00	Construction :	\$ 1,741,200.00

Cost Share at 15% after DEQ funding of 75%

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%	Other Eligible Total			\$ -	60%	\$ -

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	5.9%	Final Design	1	LS	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
7	0.0%					\$ -	60%	\$ -
8	0.0%					\$ -	60%	\$ -
9	0.0%		0		-	\$ -	60%	\$ -
10	0.0%		0		-	\$ -	60%	\$ -
	5.9%	Preconstruction Total				\$ 200,000.00	60%	\$ 120,000.00

At 15%
=\$30,000

Construction Engineering Costs								
11	1.2%	Construction Contract Mgmt.	1	LS	40,000.00	\$ 40,000.00	60%	\$ 24,000.00
12	5.9%	Construction Observation	1	LS	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
13	0.0%		0		-	\$ -	60%	\$ -
14	0.0%		0		-	\$ -	60%	\$ -
	7.1%	Construction Engineering Total				\$ 240,000	60%	\$ 144,000.00

Construction Costs								
15	5.9%	Mobilization	1	LS	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
16	0.7%	Bonding	1	LS	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
17	0.7%	Insurance	1	LS	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
18	50.0%	Water Treatment	1	LS	1,700,000.00	\$ 1,700,000.00	60%	\$ 1,020,000.00
19	5.1%	Raw water Main 8in	700	LF	250.00	\$ 175,000.00	60%	\$ 105,000.00
20	0.6%	Water Distribution Main - Connection	100	LF	200.00	\$ 20,000.00	60%	\$ 12,000.00
21	1.5%	Backwash Storage Tank	1	LS	50,000.00	\$ 50,000.00	60%	\$ 30,000.00
22	0.7%	Sanitary Sewer Improvements	1	LS	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
23	5.9%	Site Improvements - Grading, Access, and Parking	1	LS	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
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				\$ 2,420,000.00	60%	\$ 1,452,000.00
7.1%		Allowable Contingency (10%)				\$ 242,000.00	60%	\$ 145,200.00
0.0%		Elective Contingency Reduction			0	\$ -	60%	\$ -
78.3%		Construction Total				\$ 2,662,000.00	60%	\$ 1,597,200.00

Eligible Preconstruction	\$ 200,000.00	60%	\$ 120,000.00
Eligible Construction	\$ 2,902,000.00	60%	\$ 1,741,200.00
Eligible Total	\$ 3,102,000.00	60%	\$ 1,861,200.00

Ineligible Preconstruction Costs								
37	5.9%	Land	1	LS	200,000.00	\$ 200,000	0%	\$ -
38	2.9%	Plat of Subdivision	1	LS	98,000.00	\$ 98,000	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	8.8%	Preconstruction Ineligible Total				\$ 298,000	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	\$ 298,000.00	0%	\$ -
Project Total	\$ 3,400,000.00		

Federal or State Funds That Supplant Costs	\$ -		
Eligible Cost Total	\$ 3,102,000.00	60%	\$ 1,861,200.00

* 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: City of Grenora
Project Title: Water Treatment Improvements
Date: July 7, 2026

Explanation of Alternatives:

Do Nothing: Existing system remains as-is to serve existing and future users. The levels of manganese within the drinking water remains above the NDDEQ recommendation and EPA health advisory levels.

New Water Treatment Facility w/ Greensand Filtration - Preferred: A new water treatment facility is constructed on a site the city is in the process of buying from the railroad. The new facility consists of a 16' x 24' masonry structure and includes a greensands filtration system and an automated chemical injection system to address the high levels of manganese in the water and chlorinate water for the entire distribution system.

Alternative 3 – The existing North well house is expanded to include the proposed water treatment system described above. Additional easement or land acquisition would be needed.

Alternative 4 - New Wells in Fox Hills Aquifer: Two new wells drilled in the Fox Hills Aquifer. There is an existing observation well approximately 4 miles east of Grenora in the Fox Hills aquifer with a depth of approximately 1600 feet (the aquifer is approximately 1300 feet deep). Water levels in the well are typically 70 feet below the surface.

Inputs:

New Connections Served	0	Current CIF Balance	N/A
Future Connections Served	40	Annual CIF Contribution	N/A
Current Connections Served	164	Cash Funding Target (Percentage %) New Assets	N/A
Net Connections (New + Current)	164	Cash Funding Target (Percentage %) Existing Assets	N/A
		Annual CIF Contribution suggested for the Project	N/A

	Alternative 1 - Do Nothing	Alternative 2 - New Water Treatment Facility w/ Greensand Filtration	Alternative 3 - North Well House Water Treatment Facility	Alternative 4 - New Wells in Fox Hills Aquifer
Construction Cost	\$0	\$3,400,000	\$3,780,000	\$7,350,000
Annual O & M	\$20,000	\$25,000	\$25,000	\$30,000

Details:

Regionalization was considered to connect the City of Grenora to the Northwest Rural Water District (NWRWD). However, the existing rural water lines near the City are 6-inch and do not have the capacity to meet the City's needs. To meet the City's needs, 20 miles of a new 8-inch water transmission line would need to be constructed and connected to the NWRWD system at a point where capacity is available.

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

	Alternative 1 - Do Nothing	Alternative 2 - New Water Treatment Facility w/ Greensand Filtration	Alternative 3 - North Well House Water Treatment Facility	Alternative 4 - New Wells in Fox Hills Aquifer
Present Value				
Capital Costs	\$0	\$3,400,000	\$3,780,000	\$7,350,000
O&M	\$508,000	\$609,000	\$609,000	\$727,000
Repair, Rehab, Replacement	\$17,000	\$1,106,000	\$1,463,000	\$1,381,000
Salvage Value	\$2,000	\$186,000	\$218,000	\$217,000
Total PVC	\$523,000	\$4,929,000	\$5,634,000	\$9,241,000
PV Cost Per User	\$3,189	\$30,055	\$34,354	\$56,348
Construction Cost per User	\$0	\$20,732	\$23,049	\$44,817
Current Water Rate (Cost Per 5000g)	\$39			
Comparable Water Rate	\$65			
Net Connections (New + Current)	164	164	164	164
Cost-Share Percent	60%	60%	60%	60%
Adjusted Cost Share Percent after DEQ Funding		15%		
Local Share	\$0	\$340,000	\$1,512,000	\$2,940,000
Other Funding	\$0	\$2,550,000	\$0	\$0
Total Local	\$0	\$340,000	\$1,512,000	\$2,940,000
Payment Per User With Cost-Share	\$0.00	\$10.49	\$46.64	\$90.69
Local Share	\$0	\$850,000	\$3,780,000	\$7,350,000
Other Funding	\$0	\$2,550,000	\$0	\$0
Total Local	\$0	\$850,000	\$3,780,000	\$7,350,000
Payment Per User Without Cost-Share	\$0.00	\$26.22	\$116.60	\$226.72

Explanation of Results:

The preferred alternative constructs a new water treatment facility and addresses concerns of high manganese levels. Present value cost per user is \$30,055 and construction cost per user is \$20,732. DEQ funding is approved at \$2,550,000. Monthly payment per user is \$10.49 with DWR Cost-Share participation and \$26.22 without DWR participation.

	Year	Annual Population Growth Rate	Average Annual Population Increase/Decrease
ND Dept. of Commerce	2020 2024		
Population & Trends	218 220	0.2%	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.



PO Box 296
Grenora ND 58845
(701) 694-3391
auditor@cityofgrenora.com

April 22, 2026

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

RE: Water Treatment Improvements Project
City of Grenora, ND

The City of Grenora is located in the NW corner of Williams County along ND Highway 50 approximately 5 miles from the Montana border with a population of 323 (2023 census data). The City owns and operates its municipal water system which is supplied by 2 municipal wells located approximately 1/4 mile south of the City along County Road 5. Due to elevated levels of manganese in the source water, the City is proposing to build a treatment facility to reduce the manganese levels to below the EPA secondary standards.

The project has recently completed the planning phase and will be moving into final design. The City of Grenora is requesting 60% pre-construction cost share assistance from the North Dakota Department of Water Resources for construction of the municipal water supply project.

Grenora has contracted with Ackerman-Estvold Engineering for consulting services related to planning, design, and project administration. Ackerman-Estvold is also assisting with preparing and submitting the cost share application. Please feel free to contact me or the project engineer, Austin Alexander with any questions.

Respectfully,

A handwritten signature in black ink, appearing to read "Brett Wilkins", is written over a horizontal line.

Brett Wilkins
Mayor
City of Grenora



PO Box 296
Grenora ND 58845
(701) 694-3391
auditor@cityofgrenora.com

Special meeting of the Grenora City Council was held on Thursday June 25, 2026

Mayor; Brett Wilkins

Council; Blake Lampert, Jim Miller, Royce Crone, Doug Carr

Also present, Jamie Bolduc, Jeremy Wright

Absent:

Public Present: Gene & Tabitha Parpart, Danita Bloom, Pauline Kilbride, Randy Muse, David Pittenger, Josh East, Jen McNamara.

Mayor Brett Wilkins called the meeting to order at 6:00 p.m.

Pledge of Allegiance-NDCC 40-06-02

Motion to approve the Agenda by Doug Carr, 2nd by Royce Crone. Roll call vote Roll call vote, Doug Carr-Y, Royce Crone-Y, Jim Miller-Y, Blake Lampert-Y. Motion carried.

Public Comment:

Danita Bloom addressed the council: "Before anything proceeds, I want to go on formal record in the minutes. A draw of the hat or pick & pull out of a hat, is used in scenarios that require purely random, unbiased selection. Highly effective for awarding prizes, selecting competition winners, assigning random items, allocating Secret Santa recipients. This method is effective if there is a TRUE TIE. In this case I feel this is not a true tie when I was denied my right to vote. If I was the only one to receive the wrong ballot, my vote would have made a difference in this situation and there would be a FAIR result rather than a 50/50 chance that the results will reflect what my chois is. I ask that I get a chance to submit my vote to break this tie and make this an election that reflects what the people voted for rather than a chance a lottery. My request again is that this statement is part of today's minutes and council is supplied with a copy of my written statement." Copies were supplied to all members of the Council.

Motion to move forward with the land survey with Ackerman Estvold for the water treatment plant and the survey required for the PSA with RR property by Blake Lampert, 2nd by Jim Miller. Roll call vote, Doug Carr-Y, Royce Crone-Y, Jim Miller-Y, Blake Lampert-Y. Motion carried.

Motion to move forward with the cost share application for DWR funding by Royce Crone, 2nd by Jim Miller. Roll call vote, Doug Carr-Y, Royce Crone-Y, Jim Miller-Y, Blake Lampert-Y. Motion carried.

Discussion was had regarding the Election Audit findings by the Williams County Canvassing Board for the June 2026 Election results. The mayor race resulted in a Tie. Discussion only, no action taken.

Mayor Candidates Name Draw Tie breaker: Both Mayor Candidates David Pittenger and Blake Lampert were each given 5 index cards. The Candidates then wrote their own names on their 5 cards and folded in half and placed them in the basket. The basket was shaken multiple times, and the City Auditor drew a name. Dave Pittenger's name was drawn as the winning tie breaker.

David Pittenger addressed the City Council after the name draw and rescinded his name from the mayor position. David will file a written statement with the filing clerk of the City of Grenora. The City Auditor will work with the City Attorney to determine the appropriate actions moving forward.

Adjournment

Mayor Brett Wilkins called the meeting adjourned at 6:39 p.m.

Brett Wilkins
Mayor

Jamie Bolduc
City Auditor

MEMORANDUM

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

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – City of Steele
Water Main Replacement Phase 1

DATE: September 24, 2026



Background & Description

The City of Steele is requesting preconstruction cost-share for their Water Main Replacement Phase 1 (Project). The Project is replacement of approximately 6,200 feet of aging cast iron water main and 2,000 feet of new water main to loop the City's existing system. The Project is located in Kidder County.

Supplemental Information

Water Development Plan/Priority	2025 / Low
New/Future/Current Service Users	0 / 0 / 350
Present Value Cost / User	\$11,920
Rate / 5,000-Gallons	\$52
Comparable Rate / 5,000-Gallons	\$61
Water Source	Fox Hills Aquifer

Schedule

Task	Dates
Study	Apr. 2026
Design	Feb. 2027
Bid	Jul. 2027
Construction	Aug. 2027
Completion	2027/2028

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$0	\$59,230	\$59,230		
Eligible Cost	\$207,000	\$3,264,925	\$3,471,925		
Total	\$207,000	\$3,324,155	\$3,531,155		
Cost-Share 60%	\$124,200	\$1,958,955	\$2,083,155		\$124,200

This project, as presented, meets guidelines of the Water Commission's cost-share policy. Therefore, this request by the City of Steele for state cost-share participation in the Water Main Replacement Phase 1 project at 60 percent of eligible costs, not to exceed \$124,200, is eligible for consideration, contingent on available funding.

RH:jspln/2050STE

Water Development Plan: Yes (2025)

Plan Priority: Low

1087322 - Steele Water Main Replacement - Phase 1

Application Details

Funding Opportunity:	Initial Submit Date:	Feb 23, 2026 6:34 PM
1085949-July 2025 - June 2026 Infrastructure Request	Initially Submitted By:	April Rutledge
Funding Opportunity Due Date:	Last Submit Date:	
Jun 30, 2026 3:00 PM	Last Submitted By:	
Program Area:		
Funding for Infrastructure in ND - FIND		
Status:		Submitted
Stage:		Final Application

Contact Information

Primary Contact Information

Active User*: Yes

Type: External User

Name: Salutation Melissa
First Name

Middle Name Rotzien
Last Name

Title:

Email*:
melissa.rotzien@mooreengineeringinc.com

Address*:
4503 Coleman Street, Suite 105

Organization Information

Status*: Approved

Name*: City of Steele

Organization Type*: Municipal Government

Tax Id:

Organization Website:

Address*: PO Box 346

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

The City has existing Cast Iron Pipe (CIP) watermain, originally installed in the 1940's. The CIP watermain is now beyond its useful life, resulting in several costly and disruptive watermain breaks in recent years.

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

The proposed project will replace the existing watermain through pipe bursting, a trenchless construction method. Directional drilling will be used for interconnection of watermain network. Additionally, new curb stops, service connections, gate valves, and hydrant connections will be installed using open cut excavation.

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

The objective is to obtain DWR preconstruction cost-share and DWSRF loan application.

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

The project scope specific to this application includes preliminary and final design engineering, bidding and negotiation, and permitting services.

For this project,

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

What is the Current Estimated Population*:	660
---	-----

For this project,

What is the Benefited Population*:	660
---	-----

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

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?*

Ongoing

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

BNSF Railway permitting is in process.

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*: 04/2026

Design Completion*: 07/2026 02/2027

Bid*: 08/2026 07/2027

Construction Start*: 05/2027 08/2027

Construction Completion*: 10/2027 2027/2028

Explain Additional Timeline Issues*:
N/A

Consulting Engineer*: AJ Tuck, PE, Moore Engineering

Engineer Direct Phone Number*: 701-751-8371

Engineer Email*: aj.tuck@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.*:

Authorized Individual*: April Rutledge 02/23/2026
First Name Last Name Date

Title/Position/Authority*: Auditor

Address*: PO Box 346
Address Line 1
Address Line 2

	Steele	North Dakota	58482-0251
	City	State	Zip Code
Direct Phone Number*:	701-475-2805		
Sponsor Email*:	cityofsteele@bektel.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:	Jonathan Harter First Name Last Name		
Authorized Signor Title/Position:	Mayor		
Authorized Signor Email:	cityofsteele@bektel.com		
Authorized Signor Direct Phone Number:	701-400-3462		
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

31234_Steele_Exhibit_Phase1_DWR_20260223.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**

31234_EPOC_20260220_CostShareSummary_20260220.pdf

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

:

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

Yes

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

Minutes:

31234_Steele_PhaseIWatermain_MeetingMinutes.pdf

Cover Letter:

31234_Steele_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:**

31234_Steele_Delineation_20260220.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:

31234_Steele_LCCA_20260223.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: 31234_FacilityPlan_Report_20260220.pdf

Photos of Problem/Issue:

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

Other Applicable Document(s):

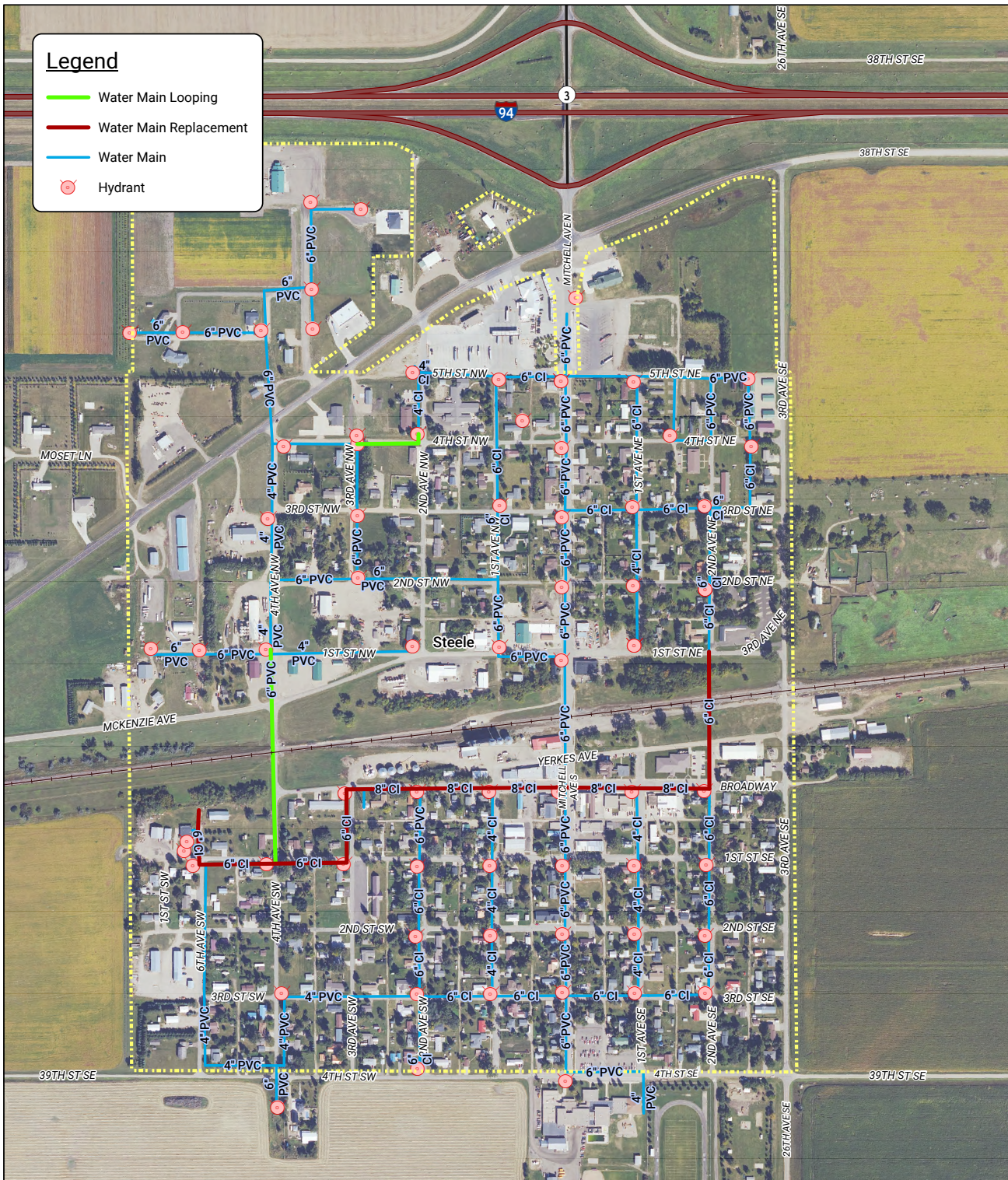
Sources

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

Source	If Other, Specify 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					
Drinking Water State Revolving Fund		Current Request	\$0.00	\$500,000.00	\$956,000.00	\$1,456,000.00	Loan	30.00	2.00
Department of Water Resources Cost Share Pre-Construction		Current Request	\$0.00	\$124,200.00	\$0.00	\$124,200.00	Grant	0.00	0.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$500,000.00	\$1,458,955.00	\$1,958,955.00	Grant	0.00	0.00
			\$0.00	\$1,124,200.00	\$2,414,955.00	\$3,539,155.00			

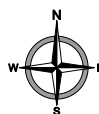
Legend

- Water Main Looping
- Water Main Replacement
- Water Main
- Hydrant



WATER SYSTEM REPLACEMENT STEELE, NORTH DAKOTA

Created By: BAS Date Created: 02/18/25 Date Saved: 02/20/25 Project Number: 31234 Map Name: Map
Exported By: brook smith Date Exported: 02/20/25 Parcels: N/A Aerial Image: 2024 NADP S025
Elevation Data: Coordinate System: NAD 1983 StatePlane North Dakota South FIPS 3202 Feet Vertical Datum: NAVD1988
Q:\Projects\31234\31234 Steele\WaterMain\Phase1\IGS\4PDX\Steele Water Main Replacement\Steele Water Main Replacement.aprx



0 150 300 600
Feet

moore
engineering, inc.
a Vistal company



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

DWR Date Received : February 23, 2026

Date :	2/20/26
Project :	Water Main Replacement - Phase 1
Sponsor :	City of Steele
Contact :	April Rutledge, Auditor
Phone :	(701) 475-2805
Engineer :	AJ Tuck, PE, Moore Engineering, Inc.
Phone :	(701) 751-8371

Total Cost :	\$ 3,539,155.00	Total Cost-Share* :	\$ 2,083,155.00
Ineligible Cost :	\$ 67,230.00	Other Eligible :	\$ -
Eligible Cost :	\$ 3,471,925.00	Preconstruction :	\$ 124,200.00
Local Cost :	\$ 1,456,000.00	Construction :	\$ 1,958,955.00

Project Type:	Cost-share %
Water Supply - Municipal	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%				-	\$ -	60%	\$ -
2	0.0%				-	\$ -	60%	\$ -
3	0.0%				-	\$ -	60%	\$ -
4	0.0%				-	\$ -	60%	\$ -
5	0.0%				-	\$ -	60%	\$ -
	0.0%	Other Eligible Total				\$ -	60%	\$ -
Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	0.8%	Preliminary Design	1	L SUM	30,000.00	\$ 30,000.00	60%	\$ 18,000.00
7	4.2%	Final Design	1	L SUM	150,000.00	\$ 150,000.00	60%	\$ 90,000.00
8	0.4%	Bidding/Negotiations	1	L SUM	15,000.00	\$ 15,000.00	60%	\$ 9,000.00
9	0.3%	Permit Related	1	L SUM	12,000.00	\$ 12,000.00	60%	\$ 7,200.00
10	0.0%				-	\$ -	60%	\$ -
	5.8%	Preconstruction Total				\$ 207,000.00	60%	\$ 124,200.00
Construction Engineering Costs								
11	5.7%	Construction Engineering	1	L SUM	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
12	0.1%	DWR Reimbursement Assistance	1	L SUM	5,000.00	\$ 5,000.00	60%	\$ 3,000.00
13	0.0%		1	L SUM		\$ -	60%	\$ -
14	0.0%		1	L SUM		\$ -	60%	\$ -
15	0.0%		1	L SUM		\$ -	60%	\$ -
16	0.0%					\$ -	60%	\$ -
17	0.0%					\$ -	60%	\$ -
	5.8%	Construction Engineering Total				\$ 205,000.00	60%	\$ 123,000.00
Construction Costs								
18	1.1%	Testing Allowance	1	LSUM	40,000.00	\$ 40,000.00	60%	\$ 24,000.00
19	0.7%	Traffic Control	1	LSUM	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
20	7.1%	Mobilization	1	LSUM	250,000.00	\$ 250,000.00	60%	\$ 150,000.00
21	0.6%	Storm Water Management	1	LSUM	20,000.00	\$ 20,000.00	60%	\$ 12,000.00
22	2.8%	Surface Removal	1	LSUM	100,000.00	\$ 100,000.00	60%	\$ 60,000.00
23	16.8%	Pipe Bursting - 8" Watermain	3500	LF	170.00	\$ 595,000.00	60%	\$ 357,000.00
24	9.5%	Directional Drill - 8" Watermain	2100	LF	160.00	\$ 336,000.00	60%	\$ 201,600.00
25	1.6%	Watermain - 6"	450	LF	125.00	\$ 56,250.00	60%	\$ 33,750.00
26	0.6%	Watermain - 8"	150	LF	145.00	\$ 21,750.00	60%	\$ 13,050.00
27	7.9%	Casing Pipe - 14"	400	LF	700.00	\$ 280,000.00	60%	\$ 168,000.00
28	0.2%	Connect to Water Tower	1	EA	6,000.00	\$ 6,000.00	60%	\$ 3,600.00
29	1.4%	Connect to Existing Watermain	12	EA	4,000.00	\$ 48,000.00	60%	\$ 28,800.00
30	3.6%	Hydrant - 6"	12	EA	10,500.00	\$ 126,000.00	60%	\$ 75,600.00
31	4.2%	Gate Valve - 8"	25	EA	6,000.00	\$ 150,000.00	60%	\$ 90,000.00
32	1.5%	Gate Valve - 6"	12	EA	4,500.00	\$ 54,000.00	60%	\$ 32,400.00
33	2.2%	Curb Stop & Box - 1"	45	EA	1,750.00	\$ 78,750.00	60%	\$ 47,250.00
34	4.2%	Directional Drill - Water Service Pipe - 1"	2000	LF	75.00	\$ 150,000.00	60%	\$ 90,000.00
35	1.3%	Water Service Connection - 1"	45	EA	1,000.00	\$ 45,000.00	60%	\$ 27,000.00
36	0.0%	Television Inspection of Sewer Main	0	LF	5.00	\$ -	60%	\$ -
37	0.0%	Television Inspection of Sewer Service	0	EA	500.00	\$ -	60%	\$ -
38	0.0%	Sanitary Sewer Spot Repair	0	EA	3,000.00	\$ -	60%	\$ -
39	11.3%	Surface Restoration	1	LSUM	400,000.00	\$ 400,000.00	60%	\$ 240,000.00
40	0.0%					\$ -	60%	\$ -
41	0.0%					\$ -	60%	\$ -
42	0.0%					\$ -	60%	\$ -
43	0.0%					\$ -	60%	\$ -
44	0.0%					\$ -	60%	\$ -
45	0.0%					\$ -	60%	\$ -
46	0.0%					\$ -	60%	\$ -
	7.9%	Construction Sub-Total				\$ 2,781,750.00	60%	\$ 1,669,050.00
	0.0%	Allowable Contingency (10%)				\$ 278,175.00	60%	\$ 166,905.00
	0.0%	Elective Contingency Reduction	0			\$ -	60%	\$ -
	86.5%	Construction Total				\$ 3,059,925.00	60%	\$ 1,835,955.00
Eligible Preconstruction								
		Eligible Preconstruction				\$ 207,000.00	60%	\$ 124,200.00
		Eligible Construction				\$ 3,264,925.00	60%	\$ 1,958,955.00
		Eligible Total				\$ 3,471,925.00	60%	\$ 2,083,155.00
Ineligible Preconstruction Costs								
47	0.2%	Permit Related	1	L SUM	8,000.00	\$ 8,000.00	0%	\$ -
48	0.0%		1	L SUM		\$ -	0%	\$ -
49	0.0%		1	L SUM		\$ -	0%	\$ -
50	0.0%		1	L SUM		\$ -	0%	\$ -
51	0.0%		0			\$ -	0%	\$ -
	0.2%	Preconstruction Ineligible Total				\$ 8,000.00	0%	\$ -
Ineligible Construction Costs								
52	0.4%	Bonding, Legal, Advertisement	1	L SUM	15,000.00	\$ 15,000.00	0%	\$ -
53	1.1%	Other Constr. (Not Water Related)	1	L SUM	40,000.00	\$ 40,000.00	0%	\$ -
54	0.1%	Ineligible Contingencies	1	L SUM	4,000.00	\$ 4,000.00	0%	\$ -
55	0.0%	DWSRF Loan Rounding	1	L SUM	230.00	\$ 230.00	0%	\$ -
56	0.0%					\$ -	0%	\$ -
57	0.0%					\$ -	0%	\$ -
	1.7%	Construction Ineligible Total				\$ 59,230.00	0%	\$ -
Ineligible Total								
		Ineligible Total				\$ 67,230.00	0%	\$ -
100.0%		Project Total				\$ 3,539,155.00		
Federal or State Funds That Supplant Costs								
		Federal or State Funds That Supplant Costs				\$ -		
		Eligible Cost Total				\$ 3,471,925.00	60%	\$ 2,083,155.00

* 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:
Project Title:

City of Steele
Water Main Replacement - Phase 1

Date:

March 2, 2026

Explanation of Alternatives:

- Water Main Replacement Trenchless - **Preferred** Alternative: Replace and install water main infrastructure using trenchless construction methods. Pipe bursting used to replace existing cast-iron water main and directional drilling used to install the new water main and services. Hydrants, valves, curb stops, and service connections require excavation method for replacement.
- Water Main Replacement Excavation – Alternative 2: Replace and install water main, valves, hydrants and service connections using open cut excavation method. This method allows a more homogenous compaction but requires a larger surface restoration. Not recommended by sponsor.
- “Do-Nothing” Alternative: Maintain the aging watermain, service pipes, valves, and hydrants in as-is condition with no improvements and address infrastructure failures as they occur.

Inputs:

New Connections Served	0
Future Connections Served	0
Current Connections Served	350
Net Connections (New + Current)	350

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

	Water Main Replacement - Phase 1 - Trenchless (Preferred)	Water Main Replacement - Phase 1 - Excavation	Do Nothing
Construction Cost	\$3,539,155	\$4,098,293	\$0
Annual O & M	\$20,000	\$20,000	\$20,000

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	Water Main Replacement - Phase 1 - Trenchless (Preferred)	Water Main Replacement - Phase 1 - Excavation	Do Nothing
Capital Costs	\$3,539,000	\$4,098,000	\$0
O&M	\$488,000	\$488,000	\$508,000
Repair, Rehab, Replacement	\$191,000	\$0	\$0
Salvage Value	\$46,000	\$0	\$0
Total PVC	\$4,172,000	\$4,586,000	\$508,000
PV Cost Per User	\$11,920	\$13,103	\$1,451
Construction Cost Per User	\$10,112	\$11,709	

Current Water Rate (Cost Per 5000g)	\$52			
Comparable Water Rate	\$61			
Net Connections (New + Current)	350	350	350	350
Cost-Share Percent	60%	60%	60%	60%
Local Share	\$1,415,600	\$1,639,200	\$0	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$1,415,600	\$1,639,200	\$0	\$0
Payment Per User With Cost-Share	\$20.46	\$23.69	\$0.00	\$0.00
Local Share	\$3,539,000	\$4,098,000	\$0	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$3,539,000	\$4,098,000	\$0	\$0
Payment Per User Without Cost-Share	\$51.15	\$59.23	\$0.00	\$0.00

Explanation of Results:

The preferred project replaces and installs water main infrastructure using trenchless construction methods. Total present value cost is \$4,172,000 and total construction cost is \$3,539,155. Present value cost per user is \$11,920 and construction cost per user is \$10,112. The monthly cost with 60% DWR cost-share participation is \$20.46 per user and \$51.15 per user without DWR participation.

	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
ND Dept. of Commerce	2010	2024		
Population & Trends	715	655	-0.6%	-4

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

LCCA Version

Version 1.2024.04.18

**City of Steele
PO Box 346
Steele, ND 58482**

February 20, 2026

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

RE: Water Main Replacement – Phase 1
Steele, ND
DWR Preconstruction Cost-Share Request

Dear Lori:

The City of Steele has initiated a project to replace existing Cast Iron Pipe (CIP) watermain, originally installed in the 1940's. The CIP watermain is now beyond its useful life, resulting in several costly and disruptive watermain breaks in recent years. The proposed project will replace the existing watermain through pipe bursting, a trenchless construction method. Directional drilling will be used for interconnection of watermain network. Additionally, new curb stops, service connections, gate valves, and hydrant connections will be installed using open cut excavation.

The City has contracted with Moore Engineering, Inc. to perform design and preconstruction engineering services. The City respectfully requests 60 percent cost share for preconstruction activities, which include preliminary and final design, bidding/negotiation. The remaining project costs will be funded through a DWSRF loan.

We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water for its residents and visitors. If you have any questions, please contact me at (701) 475-2805 or the City's engineer, AJ Tuck, at aj.tuck@mooreengineeringinc.com or (701) 751-8371.

Sincerely,

CITY OF STEELE, NORTH DAKOTA



April Rutledge
City Auditor

February 2026 City Council Meeting
Minutes of the City Council of Steele, North Dakota
Held on February 9, 2026
In the Steele Community Building

*Mayor Jon Harter called the meeting to order at 7:00 PM.

*Roll Call

Present: Jon Harter, Josh Rode, Luke Reski, Bob Anderson, Stuart Blotter, Jorey Kartes, Jason Rutledge

Also Present: Leigh Nolan, Wendlin Rohrich, Jason Grzadzieleski, Norm Fries, April Rutledge

*Motion by Luke Reski, seconded by Josh Rode to approve the agenda - Motion Carried.

*Motion by Jorey Kartes, seconded by Jason Rutledge to approve the minutes from the January 12, 2026 regular meeting and the February 4, 2026 special meeting – Motion Carried.

* Visitors were Lowell Mallard from Butler Machinery in Bismarck and AJ Tuck from Moore Engineering in Bismarck. Lowell presented a proposal for a new skid steer. Decision on this purchase was tabled until the next meeting. AJ discussed previous invoices, updates on available grants, and a water main project.

* Motion by Luke Reski, seconded by Josh Rode to apply for pre-construction engineering for Project A: Steele Water Main Improvements (to start Spring of 2027) – Motion Carried.

*City employees reported on meters, pickup sent to Pifer's, street closures for All Steele Reunion.

* Motion by Jorey Kartes, seconded by Jason Rutledge to allow requested street closures, along with other requests, for the All Steele Reunion – Motion Carried.

*Wendlin Rohrich presented the police report.

*Mary Rohrich presented the Community Coordinator report. Discussion on the need for a park maintenance supervisor, possibly someone to help with both park and city duties.

*Upgrades to heating thermostats at the Community Center will be purchased.

*Motion by Luke Reski, seconded by Jorey Kartes to approve the financial report – Motion Carried.

*Motion by Bob Anderson, seconded by Josh Rode to approve the pledge pools of Choice Bank and First Community Credit Union – Motion Carried.

*Motion by Josh Rode, seconded by Jason Rutledge to approve Jon Harter, April Rutledge, Norm Fries, and Jason Rutledge as authorized signers on the city account at FCCU – Motion Carried.

*Motion by Josh Rode, seconded by Jorey Kartes to accept the second reading of Ordinance 122. Roll call vote: Josh Rode – yes, Luke Reski – yes, Bob Anderson – yes, Stuart Blotter - yes, Jorey Kartes – yes, Jason Rutledge – yes. Motion Carried.

*Next meeting on March 9th, 2026 at 7:00 PM.

*Motion by Josh Rode, seconded by Jason Rutledge to adjourn – Motion Carried.

Jon Harter, Mayor

April Rutledge, City Auditor

MEMORANDUM

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

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – City of Almont
Phase 1 Infrastructure Improvements

DATE: September 24, 2026



Background & Description

The City of Almont is requesting construction cost-share for their Phase 1 Infrastructure Improvements (Project). The Project is replacement of approximately 1,000 feet of asbestos cement water main along Main Street and is part of combined sanitary sewer and water supply infrastructure improvements planned for Almont. The City has been awarded a Community Development Block Grant (CDBG) in the amount of \$1,000,000 to be applied toward Project costs. The Project is located in Morton County.

Supplemental Information

Water Development Plan/Priority	2025 / Low
New/Future/Current Users	0 / 0 / 73
Present Value Cost / User	\$10,822
Rate / 5,000-Gallons	\$80
Comparable Rate / 5,000-Gallons	\$65
Water Source	Missouri West Water System

Schedule

Task	Dates
Study	Jul. 2025
Design	May 2026
Bid	Oct. 2026
Construction	May 2027
Completion	Oct. 2027

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$50,000	\$784,128	\$834,128	\$624,821	CDBG
Eligible Cost	\$55,000	\$454,412	\$509,412	\$375,179	CDBG
Total	\$105,000	\$1,238,540	\$1,343,540		
CDBG	\$0	\$1,000,000	\$1,000,000	\$1,000,000	Total CDBG
Cost-Share 60%	\$33,000	\$47,540	\$80,540	\$33,000 (12/31/25)	\$47,540

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by the City of Almont for additional state cost-share participation in the Phase 1 Infrastructure Improvements project in the amount of \$47,540, or 60 percent of eligible costs, with total cost-share not to exceed \$80,540, is eligible for consideration contingent on available funding.

RH:jsp:ln/2050ALM

1087585 - Almont Phase 1 Infrastructure Improvements

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 2:55 PM
Initially Submitted By: Lynne Jacobson
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*:	City of Almont
Organization Type*:	Municipal Government
Tax Id:	45-0371045
Organization Website:	
Address*:	P.O. Box 73
	108 Burt Avenue
	Almont North Dakota 58520-_____
	City State/Province Postal Code/Zip
Phone*:	701-843-7589 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*:	Phase 1 Infrastructure Improvements
Sponsor(s)*:	City of Almont
County*:	Morton
City*:	Almont
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?:

Missouri West Water System

Jurisdictions/Stakeholders Involved*:

The City of Almont

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

The City of Almont has existing asbestos-cement pipe (ACP) water mains with a history of breaks and vitrified clay pipe (VCP) sanitary sewer mains that have reached the end of its useful life.

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

Phase 1 will replace the aging water main and sanitary sewer from right-of-way to right-of-way and the roadway will be restored with a new asphalt section.

The City is prioritizing Main Street water and sanitary sewer infrastructure. Main Street is a low area of town with water and sewer infrastructure that have surpassed its useful life. This area is also home to several businesses in the community. Replacing the infrastructure in this area will begin the process of upgrading utilities and will provide a renewed main street for the businesses in Almont. The proposed project would replace asbestos-cement pipe (ACP) water mains with a history of breaks and vitrified clay pipe (VCP) sanitary sewer mains that have reached the end of their useful life.

Describe the Objectives or Goals Specific to This Application*:

The objective of this application is to obtain DWR approval of eligible construction project costs.

The project has received CDBG funds. CDBG funding requires all other funding to be secured before releasing funds and authorizing bidding. Therefore, the City is requesting the DWR Construction Cost Share Request prior to bidding the project.

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

The scope of work includes soft costs associated with the construction phase (i.e., construction engineering, staking, inspection, and contingencies).

For this project,

Choose City, County, Water District or Other*:

City

What is the Current Estimated Population?*

100

For this project,

What is the Benefited Population?*

100

**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.:**

Water distribution system: existing ACP water main, installed approximately 1958. Utility replacement is included in the project's improvements. Sanitary sewer collection system: existing VCP sewer main, installed approximately 1966. Utility replacement is included in the project's improvements. Existing sanitary lift station had pumps replaced in 2013, but no major upgrades to the original lift station structure, valving or piping (1960's). The original cast-iron pipes and valves in the lift station are severely corroded.

**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*: July 2025

Design Completion*: May 2026

Bid*: Jan 2027 **October 2026**

Construction Start*: May 2027

Construction Completion*: October 2027

Explain Additional Timeline Issues*:
N/A

Consulting Engineer*: AJ Tuck, PE, Moore Engineering, Inc.

Engineer Direct Phone Number*: 701-751-8371

Engineer Email*: aj.tuck@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*: Lynne Jacobson 06/30/2026
First Name Last Name Date

Title/Position/Authority*: City Auditor

Address*: P.O. Box 73
Address Line 1
Address Line 2

Almont North Dakota 58520-0073
City State Zip Code

Direct Phone Number*: 701-391-7345

Sponsor Email*: lynne@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:	Russell Kramer First Name Last Name
Authorized Signor Title/Position:	Mayor
Authorized Signor Email:	lynne@westriv.com
Authorized Signor Direct Phone Number:	701-391-7345
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	30491_Almont_Exhibits_DWR_20251205.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:	Almont_Minutes_20260504.pdf
Cover Letter:	30491_Almont_Construction_CoverLetter_20260617_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:	30491_Almont_Delineation_20260616.xlsx
Type of Request:	Construction
Signed Plans and Specifications For Bidding:	30491_MainStSewerWater_signed.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:	30491_Almont_LCCA_20260619.xlsx
CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.	
Asset Inventory Assessment:	30491_Almont_BAIA_20260612.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:

30491_Almont_PER_Amendment2_20250714.pdf

Photos of Problem/Issue:

GIS Files:

Please Compress All Files Into One .zip File.

Other Applicable Document(s):

Yes

Other Applicable Document:

30491_PreliminaryProjectManualSigned_20260427.pdf

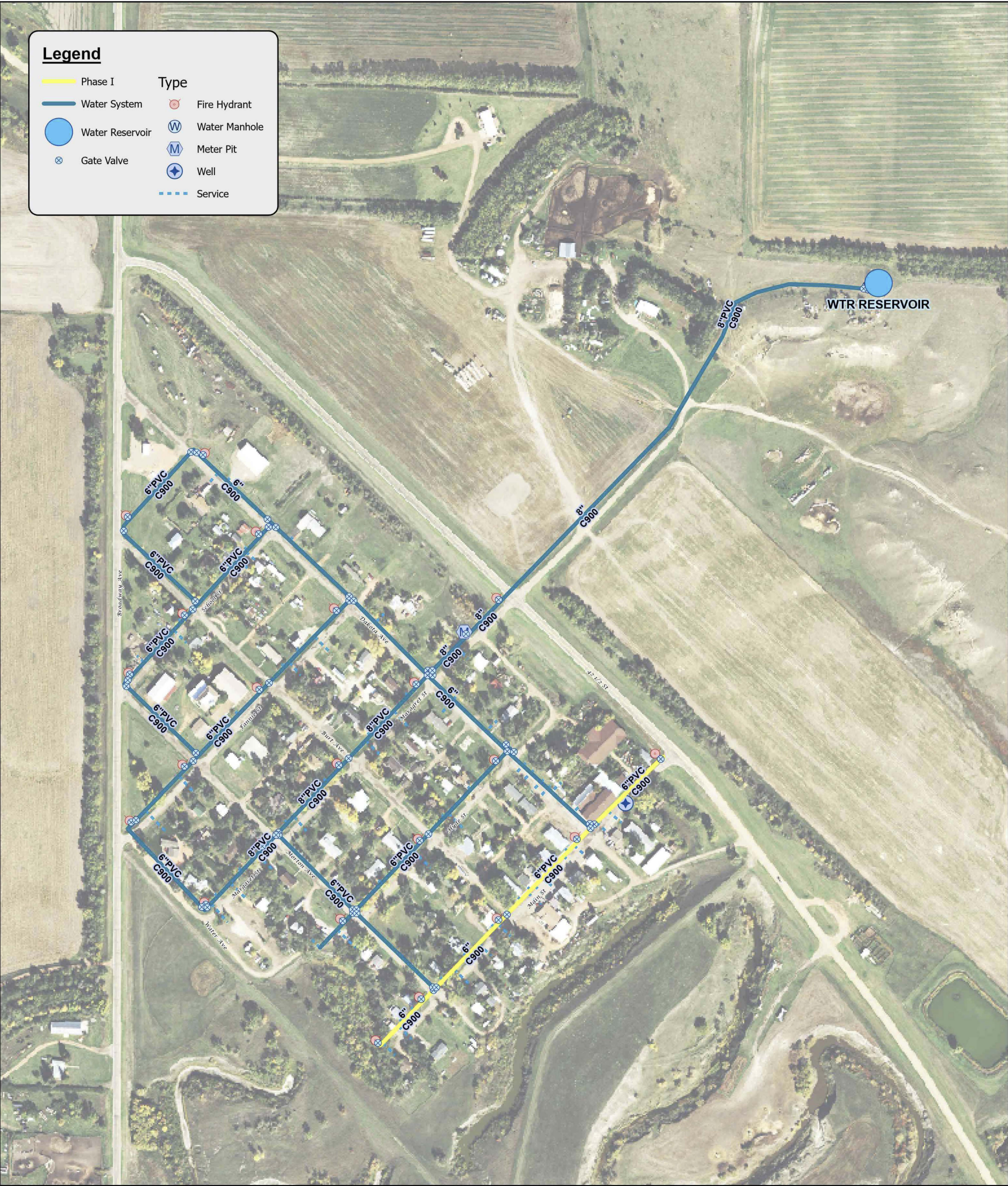
Other Applicable Document:

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 Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
			Fiscal Year 1 July to June						
Other	Community Development Block Grant (CDBG)	Future Request	\$0.00	\$1,000,000.00	\$0.00	\$1,000,000.00	Grant	0.00	0.00
Department of Water Resources Cost Share Pre- Construction		Already Approved	\$33,000.00	\$0.00	\$0.00	\$33,000.00	Grant	0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$47,540.03	\$0.00	\$47,540.03	Grant	0.00	0.00
Drinking Water State Revolving Fund		Future Request	\$0.00	\$137,000.00	\$0.00	\$137,000.00	Loan	30.00	2.00
Clean Water State Revolving Fund		Future Request	\$0.00	\$126,000.00	\$0.00	\$126,000.00	Loan	30.00	2.00
			\$33,000.00	\$1,310,540.03	\$0.00	\$1,343,540.03			





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

DWR Date Received :

Date : 6/2/26
Project : Phase 1 Infrastructure Improvements
Sponsor : City of Almont
Contact : Lynne Jacobson, Auditor
Phone : (701) 843-7589
Engineer : AJ Tuck, PE, Moore Engineering
Phone : (701) 751-8371

Total Cost :	\$ 1,343,540.03	Total Cost-Share* :	\$ 80,540.03
Ineligible Cost :	\$ 1,209,306.65	Other Eligible :	\$ -
Eligible Cost :	\$ 134,233.38	Preconstruction :	\$ 33,000.00
Local Cost :	\$ 1,263,000.00	Construction :	\$ 272,647.30

Project Type:	Cost-share %
Water Supply - Municipal	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	3.3%	Preliminary & Design Engineering	1	L SUM	44,000.00	\$ 44,000.00	60%	\$ 26,400.00
7	0.2%	Advertising and Publishing	1	L SUM	2,750.00	\$ 2,750	60%	\$ 1,650.00
8	0.6%	Soil Borings	1	L SUM	8,250.00	\$ 8,250	60%	\$ 4,950.00
9	0.0%		0		-	\$ -	60%	\$ -
10	0.0%		0		-	\$ -	60%	\$ -
	4.1%	Preconstruction Total				\$ 55,000.00	60%	\$ 33,000.00
Construction Engineering Costs								
11	1.2%	Construction Phase	1	L SUM	15,643.31	\$ 15,643.31	60%	\$ 9,385.99
12	1.6%	RPR Services	1	L SUM	20,857.75	\$ 20,857.75	60%	\$ 12,514.65
13	0.4%	Post Construction Phase	1	L SUM	5,214.44	\$ 5,214.44	60%	\$ 3,128.66
14	0.0%		0		-	\$ -	60%	\$ -
	3.1%	Construction Engineering Total				\$ 41,716	60%	\$ 25,029.30
Construction Costs								
15	3.9%	Mobilization	0.521444	L SUM	100,000.00	\$ 52,144.38	60%	\$ 31,286.63
16	0.0%	Bonding	0		-	\$ -	60%	\$ -
17	0.0%	Insurance	0		-	\$ -	60%	\$ -
18	1.0%	Testing Allowance	0.521444	ALLOW	25,000.00	\$ 13,036.09	60%	\$ 7,821.66
19	0.4%	Storm Water Management	0.521444	L SUM	10,000.00	\$ 5,214.44	60%	\$ 3,128.66
20	0.4%	Traffic Control	0.521444	L SUM	10,000.00	\$ 5,214.44	60%	\$ 3,128.66
21	0.4%	Temporary Water	0.521444	L SUM	10,000.00	\$ 5,214.44	60%	\$ 3,128.66
22	0.1%	Electromagnetic Locator	0.5	EA	4,000.00	\$ 2,000.00	60%	\$ 1,200.00
23	0.0%	Inlet Protection	0	EA	200.00	\$ -	60%	\$ -
24	0.1%	Removal of Concrete	100	SY	15.00	\$ 1,500.00	60%	\$ 900.00
25	0.3%	Removal of Gate Valve	4	EA	1,000.00	\$ 4,000.00	60%	\$ 2,400.00
26	0.4%	Removal of Hydrant	3	EA	2,000.00	\$ 6,000.00	60%	\$ 3,600.00
27	0.1%	Removal of Asbestos Cement Pipe	10	LF	100.00	\$ 1,000.00	60%	\$ 600.00
28	0.0%	Sanitary Sewer Manhole - Repair Invert & Bench	0	EA	2,000.00	\$ -	60%	\$ -
29	0.0%	Sanitary Sewer Main Spot Repair	0	EA	10,000.00	\$ -	60%	\$ -
30	0.0%	Sanitary Sewer CIPP - 8"	0	LF	60.00	\$ -	60%	\$ -
31	0.0%	Televise - Mainline - Pre-Construction	0	LF	5.00	\$ -	60%	\$ -
32	0.0%	Televise - Mainline - Post-Construction	0	LF	2.00	\$ -	60%	\$ -
33	0.0%	Extensive Cleaning	0	HR	300.00	\$ -	60%	\$ -
34	0.0%	Protruding Tap Removal	0	EA	250.00	\$ -	60%	\$ -
35	0.0%	Manhole Casting - Remove & Replace	0	EA	1,600.00	\$ -	60%	\$ -
36	0.2%	Connect to Existing Watermain	1	EA	3,000.00	\$ 3,000.00	60%	\$ 1,800.00
37	6.0%	Water Main - 6" - C900	1000	LF	80.00	\$ 80,000.00	60%	\$ 48,000.00
38	2.2%	Curb Stop & Box - 1"	23	EA	1,300.00	\$ 29,900.00	60%	\$ 17,940.00
39	3.9%	Water Service Line - 1"	800	LF	65.00	\$ 52,000.00	60%	\$ 31,200.00
40	1.7%	Water Service Line Connection - 1"	23	EA	1,000.00	\$ 23,000.00	60%	\$ 13,800.00
41	1.5%	Gate Valve & Box - 6"	4	EA	5,000.00	\$ 20,000.00	60%	\$ 12,000.00
42	2.7%	Hydrant - 8"	3	EA	12,000.00	\$ 36,000.00	60%	\$ 21,600.00
43	0.0%	Common Excavation	0	CY	100.00	\$ -	60%	\$ -
44	0.1%	Subgrade Preparation	350	SY	5.00	\$ 1,750.00	60%	\$ 1,050.00
45	0.1%	Full Depth Reclamation	350	SY	5.00	\$ 1,750.00	60%	\$ 1,050.00
46	0.1%	Geogrid	350	SY	5.00	\$ 1,750.00	60%	\$ 1,050.00
47	0.3%	Remove and Relay Blended Base Course	350	SY	10.00	\$ 3,500.00	60%	\$ 2,100.00
48	0.0%	Aggregate Base Course CL5	5	TON	50.00	\$ 250.00	60%	\$ 150.00
49	0.9%	Superpave FAA 42/43	80	TON	150.00	\$ 12,000.00	60%	\$ 7,200.00
50	1.0%	Sidewalk Concrete - 5"	110	SY	120.00	\$ 13,200.00	60%	\$ 7,920.00
51	0.0%	Remove and Reset Fence	0	LF	20.00	\$ -	60%	\$ -
52	0.0%	Topsoil - 6"	12	CY	40.00	\$ 480.00	60%	\$ 288.00
53	0.0%	Seeding - Type III	127.5	SY	5.00	\$ 637.50	60%	\$ 382.50
54	0.0%	Hydraulic Mulch	127.5	SY	5.00	\$ 637.50	60%	\$ 382.50
55	0.0%					\$ -	60%	\$ -
56	0.0%					\$ -	60%	\$ -
57	0.0%					\$ -	60%	\$ -
	2.8%	Construction Sub-Total				\$ 375,178.78	60%	\$ 225,107.27
	0.0%	Allowable Contingency (10%)				\$ 37,517.88	60%	\$ 22,510.73
	0.0%	Elective Contingency Reduction	0		-	\$ -	60%	\$ -
	30.7%	Construction Total				\$ 412,696.66	60%	\$ 247,618.00
Eligible Preconstruction								
		Eligible Preconstruction				\$ 55,000.00	60%	\$ 33,000.00
		Eligible Construction				\$ 454,412.16	60%	\$ 272,647.30
		Eligible Total				\$ 509,412.16	60%	\$ 305,647.30
Ineligible Preconstruction Costs								
58	2.4%	Preliminary & Design Engineering	1	L SUM	32,750.00	\$ 32,750	0%	\$ -
59	0.5%	Advertising and Publishing	1	L SUM	7,250.00	\$ 7,250	0%	\$ -
60	0.7%	Bidding and Negotiating Phase	1	L SUM	10,000.00	\$ 10,000	0%	\$ -
61	0.0%		0		-	\$ -	0%	\$ -
	3.7%	Preconstruction Ineligible Total				\$ 50,000	0%	\$ -
Ineligible Construction Costs								
62	1.5%	Funding Agency Administration	1	L SUM	20,000.00	\$ 20,000.00	0%	\$ -
63	1.1%	Legal & Bond Counsel	1	L SUM	15,000.00	\$ 15,000.00	0%	\$ -
64	1.1%	Construction Phase	1	L SUM	14,356.69	\$ 14,356.69	0%	\$ -
65	1.4%	RPR Services	1	L SUM	19,142.25	\$ 19,142.25	0%	\$ -
66	0.4%	Post Construction Phase	1	L SUM	4,785.56	\$ 4,785.56	0%	\$ -
67	4.8%	Construction Contingencies	1	L SUM	64,562.12	\$ 64,562.12	0%	\$ -
68	48.1%	Other Construction	1	L SUM	645,621.22	\$ 645,621.22	0%	\$ -
69	0.0%	Loan Rounding	1	L SUM	660.03	\$ 660.03	0%	\$ -
	58.4%	Construction Ineligible Total				\$ 784,127.87	0%	\$ -
Ineligible Total								
		Ineligible Total				\$ 834,127.87	0%	\$ -
	100.0%	Project Total				\$ 1,343,540.03		
Federal or State Funds That Supplant Costs								
		Federal or State Funds That Supplant Costs				\$ 375,178.78		
		Eligible Cost Total				\$ 134,233.38	60%	\$ 80,540.03

* 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 Almont

Project Title:

Phase 1 Infrastructure Improvements

Date:

July 1, 2026

Explanation of Alternatives:

Do Nothing: Existing ACP watermain remains in place and breaks are addressed as they occur. City is responsible for repairs with no funding support and no internal staff to complete the repairs.

Main Street Sewer and Water Improvements [Preferred]: Existing ACP water main, valves, hydrants, water services and curb stops are replaced using open cut construction method. This alternative includes sewer project costs including lining existing sanitary sewer main, replacing sanitary manholes and services. Surface restoration includes the full street width.

Main Street Sewer and Water Improvements Eligible Costs Only: This alternative includes only water project eligible costs for reference.

Inputs:

New Connections Served	0
Future Connections Served	0
Current Connections Served	73
Net Connections (New + Current)	73

Current CIF Balance	\$54,000
Annual CIF Contribution	\$0
Cash Funding Target (Percentage %) New Assets	20%
Cash Funding Target (Percentage %) Existing Assets	20%
Annual CIF Contribution suggested for the Project	\$10,129

	Do Nothing	Main Street Sewer and Water Improvements [Preferred]	Main Street Water Improvement Eligible Costs Only	-
Construction Cost	\$0	\$1,343,540	\$509,412	\$0
Annual O & M	\$10,000	\$10,000	\$10,000	\$0

Details:

Facility plan describes a trenchless alternative as non-viable, a pipe bursting alternative as non-viable due to health and safety hazards and a direction drilling alternative as non-viable due to street replacement needs.

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	Do Nothing	Main Street Sewer and	Main Street Water Improvement	-
Capital Costs	\$0	\$1,344,000	\$509,000	\$0
O&M	\$252,000	\$242,000	\$242,000	\$0
Repair, Rehab, Replacement	\$0	\$51,000	\$51,000	\$0
Salvage Value	\$0	\$12,000	\$12,000	\$0
Total PVC	\$252,000	\$1,625,000	\$790,000	\$0
PV Cost Per User	\$3,452	\$22,260	\$10,822	\$0
Construction Cost Per User	\$0	\$18,405	\$6,978	\$0
Current Water Rate (Cost Per 5000g)	\$80			
Comparable Water Rate	\$65			
Net Connections (New + Current)	73	73	73	73
Cost-Share Percent	60%	60%	60%	60%
Local Share	\$0	\$537,600	\$203,600	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$537,600	\$203,600	\$0
Payment Per User With Cost-Share	\$0.00	\$37.26	\$14.11	\$0.00
Local Share	\$0	\$1,344,000	\$509,000	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$1,344,000	\$509,000	\$0
Payment Per User Without Cost-Share	\$0.00	\$93.14	\$35.27	\$0.00

Explanation of Results:

Preferred alternative is a joint water main and sewer project and replaces existing ACP watermain. Present value cost per user is \$10,822 and construction cost per user is \$6,978. Monthly payment per user with DWR Cost-Share participation is \$37.26 and \$93.14 without DWR

ND Dept. of Commerce	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2020	2024		
Population & Trends	95	98	0.3%	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 Almont

P.O. Box 73 Almont, ND 58520



June 17, 2026

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

RE: Phase 1 Infrastructure Improvements
 Almont, North Dakota
 DWR Construction Cost-Share Request

Dear Ms. Noack,

The City of Almont has initiated a project to replace the existing watermain, sanitary sewer, and roadway on Main Street. This section of watermain consists of Asbestos Cement Pipe (ACP) that was originally installed in the 1950's. The ACP 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. Additionally, this project will replace sanitary sewer main, sanitary manholes, and sanitary services in the project area.

The City has contracted with Moore Engineering, Inc. to perform construction engineering services. The City respectfully requests 60% cost share for the remaining eligible construction costs, which include construction engineering, staking, inspection, and construction contingencies.

DWR Preconstruction Cost Share amount of \$33,000 was approved in December 2025. Other project funding includes Community Development Block Grant (CDBG), Drinking Water State Revolving Fund (DWSRF), and Clean Water State Revolving Fund (CWSRF). CDBG funding requires all other funding to be secured before releasing funds and authorizing bidding. Therefore, the City is requesting the DWR Construction Cost Share Request prior to bidding the project.

We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water for its residents and visitors. If you have any questions, please contact me or the City's Engineer, AJ Tuck, at aj.tuck@mooreengineeringinc.com or (701) 751-8371.

Sincerely,

CITY OF ALMONT, NORTH DAKOTA

Lynne Jacobson

City Auditor

Minutes of Almont City
May 4, 2026

Present: Russell Kramer, Kaity Olson-Brett, Sharmayne Erhardt, Andrew Heinrich, Seth Feland and Lynne Jacobson.

Also present were: Bryce Sayler, Ron Groninger, Steve Kunz and Jackie Taylor

Meeting was called to order at 7:30 p.m. Minutes from the previous meeting were read. Seth made a motion to accept the minutes as read; Sharmayne seconded; motion passed. Treasurer's report was provided. Seth made a motion to accept; Andrew seconded; motion passed. Lynne presented the bill from 7 Arrows Tree Service with landfill tickets which were not part of the quote. Seth made a motion to pay; Andrew seconded; motion passed.

Jackie Taylor was presented to discuss her water billing. Council accepted her proposal for payment. Steve Kunz was present to discuss his water billing. After discussion council agreed to waive 2025 charges, and a meter will be installed at his residence.

Old Business:

Lynne advised that Tank Maintenance Solutions/Northern Steel has completed the repair to the water tank, however, Lynne advised that further repairs need to be done as there is still seepage. Lynne is in the process of obtaining quotes for the additional repairs needed and will present them once she receives them.

Lynne advised that a letter has been sent by the county to the owner of the mobile home on Main Street and Lynne advised that she also sent a text message to the owner.

Lynne presented the revised numbers from the county on the Board of Equalization. Kaity made a motion to accept the numbers; Sharmayne seconded; motion passed.

A second and final reading of the flood plain ordinance was done. Seth made a motion to accept as read; Sharmayne seconded; motion passed.

Bryce Sayler with Moore Engineering was present to bring the council up to speed on the status of the water/sewer project.

1. Kaity made a motion to submit an application to DWR for construction funds in the amount of \$59,400 (for water main items); Seth seconded; motion passed.
2. Discussion was held regarding the necessity for a survey of existing Main Street buildings and awnings if sidewalks were to be removed for curb stop installation (approx.

cost \$10,000). Council decided to place the curb stops in the road to avoid the expense of the survey.

3. Bryce advised he is still waiting on the testing results of the contaminated soil due to petroleum.
4. Bryce presented the plans and specifications. After a review and discussion; Kaity made a motion to accept and to submit to the NDDEQ for approval; Sharmayne seconded; motion passed.
5. Bryce advised that once final approval is received from the NDDEQ and DWR he needs a motion for the auditor to advertise for bids. Kaity made a motion to go ahead; Seth seconded; motion passed.
6. Bryce presented a Moore Engineering invoice for \$10,000 and requested a motion to pay. Seth made a motion to pay; Andrew seconded; motion passed. Lynne will pay once funds are received.

New Business:

Lynne advised that she has received the completed Consumer Confidence Reports and will get copies made for distribution in May's water billing.

Lynne advised that she has been contacted by Ideal Energy regarding replacement of all non-LED street lights. Ideal advised they are working with the Department of Commerce and that a 100% grant is available. The money will have to be fronted by the city initially. The company is supposed to come out within the next couple of weeks to get a count and figures. Once received Lynne will present to the council for further discussion.

Russ advised that there is a leak on the lot owned by Lynnea Koehler. Andrew offered to contact her regarding a repair of the leak.

Mowing was discussed. Sharmayne made a motion to have interested parties send a letter/email to the city email by June 1st; Kaity seconded; motion passed. Lynne advised she will put an ad in the paper and on Facebook with the requirements and wages.

A motion to adjourn was made by Seth and seconded by Kaity. Meeting adjourned at 9:11 p.m.

Lynne Jacobson
5.6.26

MEMORANDUM

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

FROM: Reice Haase, Secretary

SUBJECT: State Water Supply – City of McVile
Water Treatment Plant Rehabilitation

DATE: September 25, 2026



Background & Description

The City of McVile is requesting construction cost-share for their Water Treatment Plant Rehabilitation (Project). The Project is replacement of components at the City of McVile's Water Treatment Plant that have exceeded their design life, including facility meters, underdrains, piping, valves, and filter components. The Project will also include installation of upgraded pumps and motors, and replacement of outdated control systems and process instrumentation. The Project is located in Nelson County.

Supplemental Information

Water Development Plan/Priority	2025 / Low
New/Future/Current Users	0 / 0 / 1,450
Present Value Cost / User	\$2,177
Rate / 5,000-Gallons	\$65
Comparable Rate / 5,000-Gallons	\$65
Water Source	McVile Aquifer

Schedule

Task	Dates
Study	Aug. 2025
Design	Aug. 2026
Bid	Jul. 2027
Construction	Sept. 2027
Completion	Jan. 2029

Cost-Share Funding Summary

	Preconstruction	Construction	Total	Approved	Recommend
Noneligible Cost	\$119,400	\$85,000	\$204,400		
Eligible Cost	\$186,000	\$1,704,300	\$1,890,300		
Total	\$305,400	\$1,789,300	\$2,094,700		
Cost-Share 60%	\$111,600	\$1,022,580	\$1,134,180	\$111,600 (10/9/25)	\$1,021,920

This project, as presented, meets the guidelines of the Water Commission's cost-share policy. Therefore, this request by the City of McVile for additional state cost-share participation in the Water Treatment Plant Rehabilitation project in the amount of \$1,022,580, or 60 percent of eligible costs, with total cost-share not to exceed \$1,134,180, is eligible for consideration, contingent on available funding. Available funding is \$1,021,920. The City of McVile has agreed to accept \$1,021,920, with total cost-share not to exceed \$1,133,520, to complete construction of this project.

RH:jsp:ln/2050MCV

1088414 - McVile Water Treatment Plant 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:	Aug 24, 2026 9:12 AM
Initially Submitted By:	Chanda Arneson
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*: City of McVile

Organization Type*: Municipal Government

Tax Id:

Organization Website:

Address*: PO Box 275

Phone*: McVile North Dakota 58254-____
City State/Province Postal Code/Zip
(701) 322-4343 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*: McVile Water Treatment Plant Rehabilitation

Sponsor(s)*: City of McVile

County*: Nelson

City*: McVile

Description of Request*: New

Project Type: Municipal Water Supply

If Project is a Study, What Type?:

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

City of McVile; groundwater from McVile Aquifer

Jurisdictions/Stakeholders

Involved*:

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

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

The City's Water Treatment Plant contains numerous components that are deteriorated and/or beyond its useful life. For example, the facility's meters are past their useful life. The City of McVile has diligently maintained the water treatment infrastructure to ensure each component reached its design life; rehabilitation is currently necessary to extend the useful life of the water treatment plant. The valves, high service motors/pumps, underdrains, and other internals are 35+ years old. The piping, valves, underdrains, and other internals exhibit corrosion. The valves also have ongoing operational issues. Additionally, the control systems and process instrumentation are adequate for the plant but antiquated.

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

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

Describe the Objectives or Goals Specific to This Application*:

The objective of this application is to obtain DWR approval of eligible construction project costs.

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

To achieve this objective, this application is requesting DWR funding for the construction of the project and all soft costs associated with the construction phase, including construction engineering, project inspection, and contingencies.

For this project,

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

What is the Current Estimated Population*: 392

For this project,

What is the Benefited Population*: 3392

Have Assessment Districts Been Formed?*	No
Have Land or Easements Been Acquired?*	No
Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?*	No
Are There Any Road Improvements Included as Part of the Project?*	No
Have You Applied For Any Federal Permits?*	No
Have You Applied for any State Permits?*	No
Have You Applied for any Local Permits?*	No
Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)? *:	No
Have You Received, or Do You Anticipate Receiving Federal Funding? (Example: Hazard Mitigation Grant Program) *:	No

Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

Study Completion*:	08/2025
Design Completion*:	08/2026
Bid*:	07/22/2027
Construction Start*:	09/2027
Construction Completion*:	01/2029

**Explain Additional Timeline
Issues*:**

N/A

Consulting Engineer*: Jeffrey Ebsch, PE, Moore Engineering

Engineer Direct Phone Number*: 701-499-5831

Engineer Email*: jeffrey.ebsch@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*: Chanda Arneson 08/24/2026
First Name Last Name Date

Title/Position/Authority*: City Auditor

Address*: 113 N Main Street
Address Line 1
Address Line 2

McVille North Dakota 58254-0275
City State Zip Code

Direct Phone Number*: 701-210-2819

Sponsor Email*: cjriiplinger@gmail.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: Chanda Arneson
First Name Last Name

Authorized Signor Title/Position: City Auditor

Authorized Signor Email: cityofmcville@gmail.com

Authorized Signor Direct Phone Number: 701-210-2819

Provide the Name for One Additional Board Member, if Applicable:	Brent Messner First Name Last Name
Additional Board Member Title/Position:	Mayor
Additional Board Member Email:	brentmessner@yahoo.com
Additional Board Member Direct Phone Number:	701-739-1884

Documentation

Documentation

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

[CLICK HERE to see examples.](#)

Project Specific Map 24252_McVille_DWR Precon_Exhibit_20250821.pdf

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

Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?* 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: Minutes_McVille_July2026.pdf

Cover Letter: 24252_McVille_DWR_Construction_CoverLetter_20260820_Signed.pdf

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

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

Delineation of Costs SFN 61801: 24252_McVille_Delineation_20260729.xlsx

Type of Request: Construction

Signed Plans and Specifications For Bidding: 24252_McVille_WTPRehab_ProjectManual_20260821Signed.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: 24252_McVile_LCCA_20260819.xlsx

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

Asset Inventory Assessment: 24252_McVile_DWR_BAIA_20260820.xlsx

Is This a Rural Flood Control Project?: No

Is This a Drain Reconstruction Project?: No

Is This a Flood Recovery Property Acquisition Project?: No

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

Sovereign Land Permit, if Required for Construction Request:

DWR Construction Permit, if Required for Construction Request:

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

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

Feasibility/Engineering Study Material: 24252_McVile_Water_Treatment_Rehab FINAL SIGNED 20250806.pdf

Photos of Problem/Issue:

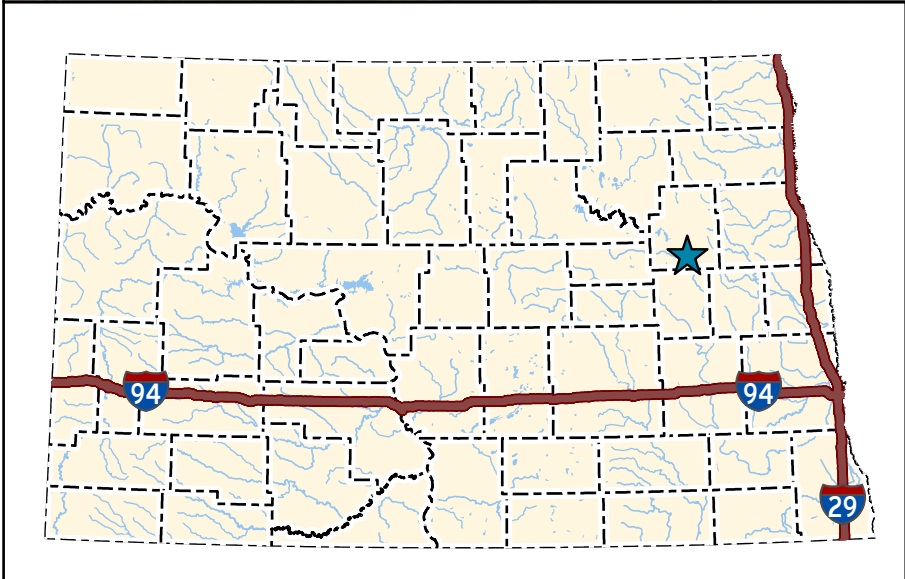
GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s):

Sources

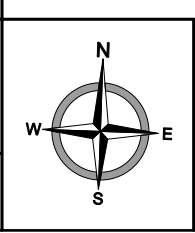
Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

Source	If Other, Specify Funding Source	Source Status	State Fiscal	State Fiscal	Beyond	Total Cost	Type	Term	Interest Rate
			Year 1 July to June	Year 2 July to June	Current Biennium				
Department of Water Resources Cost Share Pre- Construction		Already Approved	\$111,600.00	\$0.00	\$0.00	\$111,600.00	Grant	0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$1,022,580.00	\$0.00	\$1,022,580.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Already Approved	\$960,520.00	\$0.00	\$0.00	\$960,520.00	Loan	30.00	2.00
			\$1,072,120.00	\$1,022,580.00	\$0.00	\$2,094,700.00			



WATER SYSTEM IMPROVEMENTS 2025
MCVILL, NORTH DAKOTA

Created By: KMV Date Created: 08/21/2025 Date Saved: 08/21/25 Date Exported: 08/21/25
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
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DELINEATION OF COSTS
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES
PLANNING AND EDUCATION
SFN 61801 (11/2025)

DWR Date Received : August 24, 2026

Date :	7/30/26
Project :	McVile Water Treatment Plant Rehabilitation
Sponsor :	City of McVile
Contact :	Chanda Arneson, Auditor
Phone :	(701) 322-4343
Engineer :	Jeffrey Ebsch, PE, Moore Engineering
Phone :	(701) 499-5831

Total Cost :	\$ 2,094,700.00	Total Cost-Share* :	\$ 1,134,180.00
Ineligible Cost :	\$ 204,400.00	Other Eligible :	\$ -
Eligible Cost :	\$ 1,890,300.00	Preconstruction :	\$ 111,600.00
Local Cost :	\$ 960,520.00	Construction :	\$ 1,022,580.00

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								
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	8.7%	Preliminary Engineering	1	LS	182,000.00	\$ 182,000.00	60%	\$ 109,200.00
7	0.2%	DWR Reimbursement Requests	1	LS	4,000.00	\$ 4,000	60%	\$ 2,400.00
8	0.0%		0		-	\$ -	60%	\$ -
9	0.0%		0		-	\$ -	60%	\$ -
10	0.0%		0		-	\$ -	60%	\$ -
	8.9%	Preconstruction Total				\$ 186,000.00	60%	\$ 111,600.00
Construction Engineering Costs								
11	9.3%	Construction Engineering and RPR	1	LS	195,000.00	\$ 195,000.00	60%	\$ 117,000.00
12	0.1%	Advertising	1	LS	2,000.00	\$ 2,000.00	60%	\$ 1,200.00
13	0.4%	DWR Reimbursement Requests	1	LS	8,000.00	\$ 8,000.00	60%	\$ 4,800.00
14	0.0%		0		-	\$ -	60%	\$ -
	9.8%	Construction Engineering Total				\$ 205,000	60%	\$ 123,000.00
Construction Costs								
15	0.0%	Mobilization	0		-	\$ -	60%	\$ -
16	0.0%	Bonding	0		-	\$ -	60%	\$ -
17	0.0%	Insurance	0		-	\$ -	60%	\$ -
18	27.7%	General Construction Base Bid	1	LSUM	580,000.00	\$ 580,000.00	60%	\$ 348,000.00
19	8.4%	Internal Filter Equipment and Media	1	ALLOW	175,000.00	\$ 175,000.00	60%	\$ 105,000.00
20	0.4%	Testing Allowance	1	ALLOW	8,000.00	\$ 8,000.00	60%	\$ 4,800.00
21	1.0%	Plant Floor Restoration	1400	SF	15.00	\$ 21,000.00	60%	\$ 12,600.00
22	18.6%	Electrical Construction Base Bid	1	LSUM	390,000.00	\$ 390,000.00	60%	\$ 234,000.00
23	9.0%	Temporary Drinking Water Filter	1	ALLOW	189,000.00	\$ 189,000.00	60%	\$ 113,400.00
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				\$ 1,363,000.00	60%	\$ 817,800.00
	6.5%	Allowable Contingency (10%)				\$ 136,300.00	60%	\$ 81,780.00
	0.0%	Elective Contingency Reduction	0		-	\$ -	60%	\$ -
	71.6%	Construction Total				\$ 1,499,300.00	60%	\$ 899,580.00
Eligible Preconstruction						\$ 186,000.00	60%	\$ 111,600.00
Eligible Construction						\$ 1,704,300.00	60%	\$ 1,022,580.00
Eligible Total						\$ 1,890,300.00	60%	\$ 1,134,180.00
Ineligible Preconstruction Costs								
37	1.0%	Engineering Study	1	LS	21,000.00	\$ 21,000	0%	\$ -
38	1.8%	Preliminary Engineering	1	LS	37,000.00	\$ 37,000	0%	\$ -
39	1.8%	DWSRF Funding Assistance	1	LS	37,000.00	\$ 37,000	0%	\$ -
40	1.2%	ND DWR Funding Assistance	1	LS	24,400.00	\$ 24,400	0%	\$ -
	5.7%	Preconstruction Ineligible Total				\$ 119,400	0%	\$ -
Ineligible Construction Costs								
41	0.7%	Legal Fees	1	LS	15,000.00	\$ 15,000.00	0%	\$ -
42	0.3%	Bond Counsel	1	LS	6,000.00	\$ 6,000.00	0%	\$ -
43	1.0%	Bond Discount	1	LS	21,000.00	\$ 21,000.00	0%	\$ -
44	2.1%	Capitalized Interest	1	LS	43,000.00	\$ 43,000.00	0%	\$ -
	4.1%	Construction Ineligible Total				\$ 85,000.00	0%	\$ -
Ineligible Total						\$ 204,400.00	0%	\$ -
Project Total						\$ 2,094,700.00		
Federal or State Funds That Supplant Costs						\$ -		
Eligible Cost Total						\$ 1,890,300.00	60%	\$ 1,134,180.00

* 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:

City of McVile

Project Title:

McVile Water Treatment Plant Rehabilitation

Date:

August 25, 2026

Explanation of Alternatives:

- Water Treatment Plant Rehabilitation (Preferred): Meters, valves, piping, pumps, control system, process instrumentation, underdrains, and other internals are replaced/upgraded and the chemical storage area is redesigned and refurbished. This project addresses infrastructure that is deteriorating/beyond useful life.

- Water Treatment Plant Rehabilitation - Full Filter Replacement: Filter system is fully replaced with pressure filter tanks, appurtenances, and meters. Chemical storage area and building are redesigned and refurbished.

- Do Nothing Alternative: No improvements to the existing water treatment plant are made and any failures of the aging system components are addressed

Inputs:

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

Current CIF Balance	\$0
Annual CIF Contribution	\$45,360
Cash Funding Target (Percentage %) New Assets	10%
Cash Funding Target (Percentage %) Existing Assets	20%
Annual CIF Contribution suggested for the Project	\$14,713

	Water Treatment Plant Rehabilitation (Preferred)	Water Treatment Plant Rehabilitation - Full Filter	Do Nothing Alternative	-
Construction Cost	\$2,094,700	\$2,740,000	\$0	\$0
Annual O & M	\$20,000	\$20,000	\$0	\$0

Details:

Project addresses infrastructure that is deteriorated/beyond useful life.

LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

	Water Treatment Plant Rehabilitation (Preferred)	Water Treatment Plant Rehabilitation - Full Filter	Do Nothing Alternative	-
Present Value				
Capital Costs	\$2,095,000	\$2,740,000	\$0	\$0
O&M	\$488,000	\$488,000	\$0	\$0
Repair, Rehab, Replacement	\$614,000	\$1,351,000	\$0	\$0
Salvage Value	\$41,000	\$131,000	\$0	\$0
Total PVC	\$3,156,000	\$4,448,000	\$0	\$0
PV Cost Per User	\$2,177	\$3,068	\$0	\$0
Construction Cost Per User	\$1,445	\$1,889.66		
Current Water Rate (Cost Per 5000g)	\$65			
Comparable Water Rate	\$65			
Net Connections (New + Current)	1,450	1,450	1,450	1,450
Cost-Share Percent	60%	60%	60%	60%
Local Share	\$838,000	\$1,096,000	\$0	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$838,000	\$1,096,000	\$0	\$0
Payment Per User With Cost-Share	\$2.92	\$3.82	\$0.00	\$0.00
Local Share	\$2,095,000	\$2,740,000	\$0	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$2,095,000	\$2,740,000	\$0	\$0
Payment Per User Without Cost-Share	\$7.31	\$9.56	\$0.00	\$0.00

Explanation of Results:

The preferred project replaces and upgrades existing aging and deteriorating infrastructure. Present value cost per user is \$2,177 and construction cost per user is \$1,445. Monthly cost with 60% DWR cost-share participation is \$2.92 per user and \$7.31 per user without DWR participation.

ND Dept. of Commerce	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2020	2025		
Population & Trends	395	386	-0.5%	-2

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

LCCA Version

Version 1.2024.04.18

City of McVile

PO Box 275/113 N Main St
McVile, ND 58254
701-322-4343
mcvillend@gotndtc.com

August 20, 2026

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

RE: McVile Water Treatment Plant Rehabilitation Construction Cost Share Request

Dear Ms. Noack:

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

In addition to McVile's 392 residents, the City's Water Treatment Plant provides treated water for approximately 3,000 other users through an agreement with Tri County Rural Water District. In 2025, Tri County Rural Water District purchased 51% of the treated water produced by the plant (i.e., 11,147,000 [MR1.1]gallons of the total 21,705,600[MR2.1] gallons of treated water produced).

The City has contracted with Moore Engineering Inc. to perform construction engineering services. The City previously received 60 percent DWR preconstruction cost share, not to exceed \$111,600, in October 2025. The City respectfully requests 60 percent cost share for eligible construction costs.

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

Sincerely,

CITY OF MCVILLE, NORTH DAKOTA



Chanda Arneson
City Auditor

July 13th Regular Meeting Agenda

7PM In the McVile City Office

Call to Order: Mayor Messner called the meeting to order at 7:00 PM. Present were members Ressler and Joramo. Not present was member Berg. Mayor Messner decided to wait to appoint the open 2yr unfulfilled term until the full council was present. Once the council has full positions, the portfolios will be reorganized.

Approval of the Agenda: *Motion for approval by Ressler, 2nd Jormao with the addition of 8.3- beer and wine permit for Logan's Diner. All agree, agenda approved.*

Approve Minutes of Previous Meetings: *May Regular Meeting minutes motioned for approval by Ressler, 2nd by Joramo, motion carried.*

Public Works Report: One mower is down and being fixed. Naastads will give bids on raising a few manhole covers. The sewer issue on Hamlin Street is fixed. Sewers need to be cleaned out as the silt has accumulated for years. A vac truck would be needed for this.

Financial Report: Discussion on Financials for April and May 2026 – programing is still in process.

Old Business: Main Street project updates. A resolution was signed by Mayor Messner pertaining to the replacement of the 3 blocks on Main Street. This project is set to start in the fall of 2027.

The mowing ordinance will be updated to increase the fees associated with noncompliance of the ordinance.

Main Street Project: *Motion by Joramo, 2nd by Ressler to approve the SRF resolution for Main Street Project. Motion by Jormao, 2"d by Ressler to approve American Engineering Testing Inc. for geotechnical exploration and review on Main Street. All agree, motion passes.*

New Business: Appointment of officers: Mayor Messner kept Auditor Arneson as the appointed City Auditor and appointed Member Joramo as President. *Motion by Ressler to accept the nominations, 2nd Joramo, motion passes.* ***DWR Request: Motion by Joramo, 2nd Ressler to authorize the City Auditor to submit a Construction Cost Share Request to the Department of Water Resources for the McVile Water Treatment Plant Rehabilitation Project. All agree, motion passes.***

NCHS Siding: will be replaced on the Care Center. Construction is to start in August. All agree that this is a great project. Public Comments: Brainstorming about community development.

Announcements: Regular Council Meeting Monday August 10th 2026

2027 Budget Hearing Monday September 14th 2026

Adjournment: 9:20 PM

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: Devils Lake Update
DATE: September 17, 2026



Devils Lake Water Surface Elevation

The Devils Lake water surface elevation as of September 14, 2026, is 1450.2 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 feet, and 1446 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 August 27, 2026, indicated a 50-percent chance that the lake will fall below an elevation of 1450.2 feet between September 1, 2026, and November 30, 2026. The peak elevation in 2026 was 1450.5 feet on July 20. The next outlook will be released on September 24, 2026.

Outlet Operations

The 2026 Outlets operations began on May 11 for the West End Outlet and May 14 for the East End Outlet. The West End Outlet was shut off on August 31 and the East End Outlet was shut off on August 24. The operational changes during the season are illustrated in Figure 2.

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. Department of Water Resources (DWR) has signed a purchase order with an electrical contractor for the replacement work. Due to the lead time for the replacement components, the electrical contractor hasn't received the components yet.

(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's discharge pipeline, 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 discharge pipeline 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 it was temporarily backfilled. The excavation was backfilled to a point slightly above the discharge pipeline of Pump #3. Currently water is observed in the excavation raising at approximately 2" per day. DWR is working to determine the cause of the water observed in the excavation.

(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. DWR is working with Great Plains Technical Services for scheduling offsite inspection of a couple of motors in October.

(4) Pumps Offsite Inspection

DWR is working with the pump manufacturer, Trillium Flow Technologies, for the offsite pump inspection. Trillium's pump inspection facility is located in Fresno, California. At least one pump is planned to be sent offsite for inspection this winter.

(5) 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.

(6) 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.

(7) 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 requested some clarifications and a revised quote from the supplier. DWR recently received the revised quote and is currently evaluating it.

(8) 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.

(9) 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.

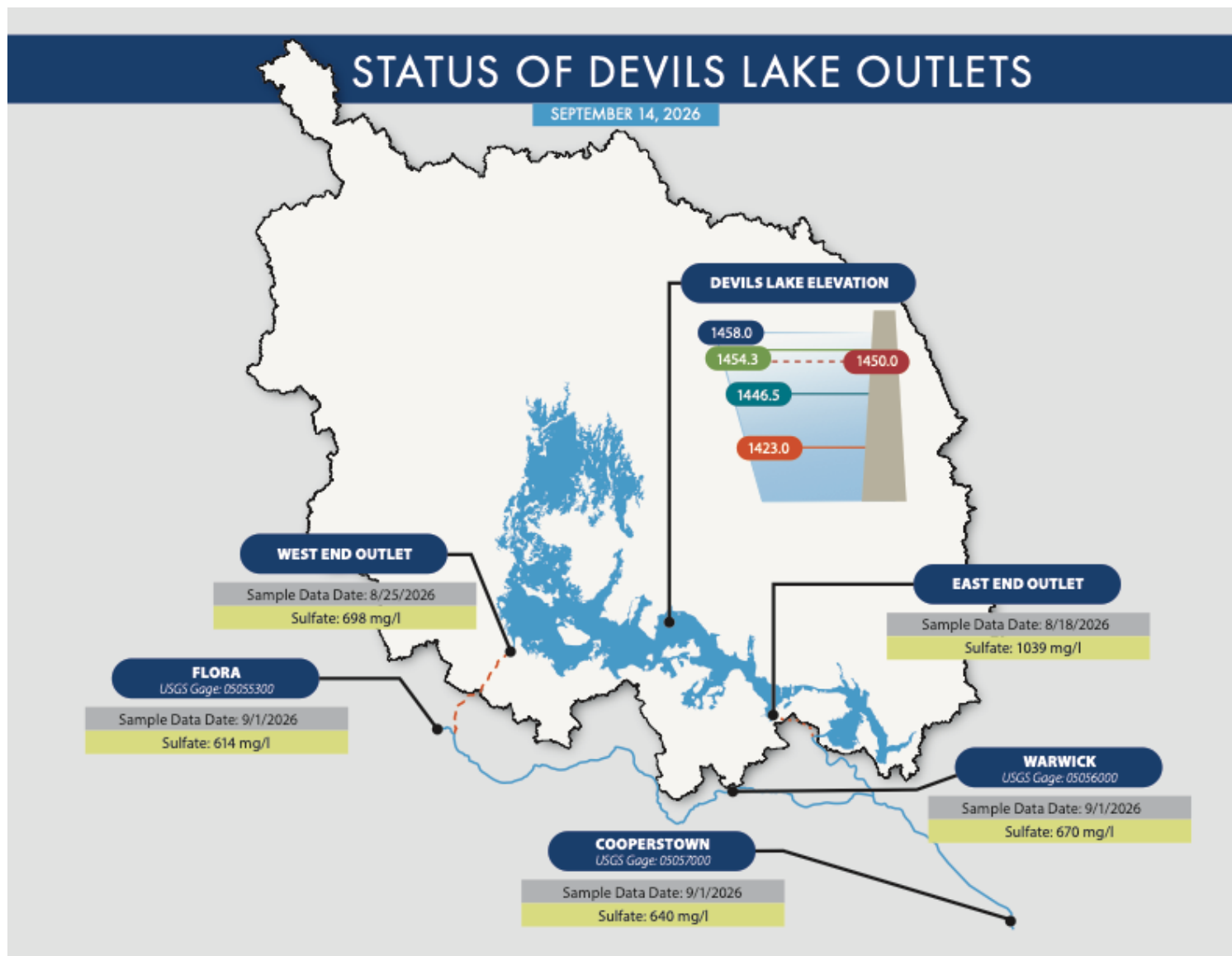


Figure 1. Status of Devils Lake and Downstream Conditions

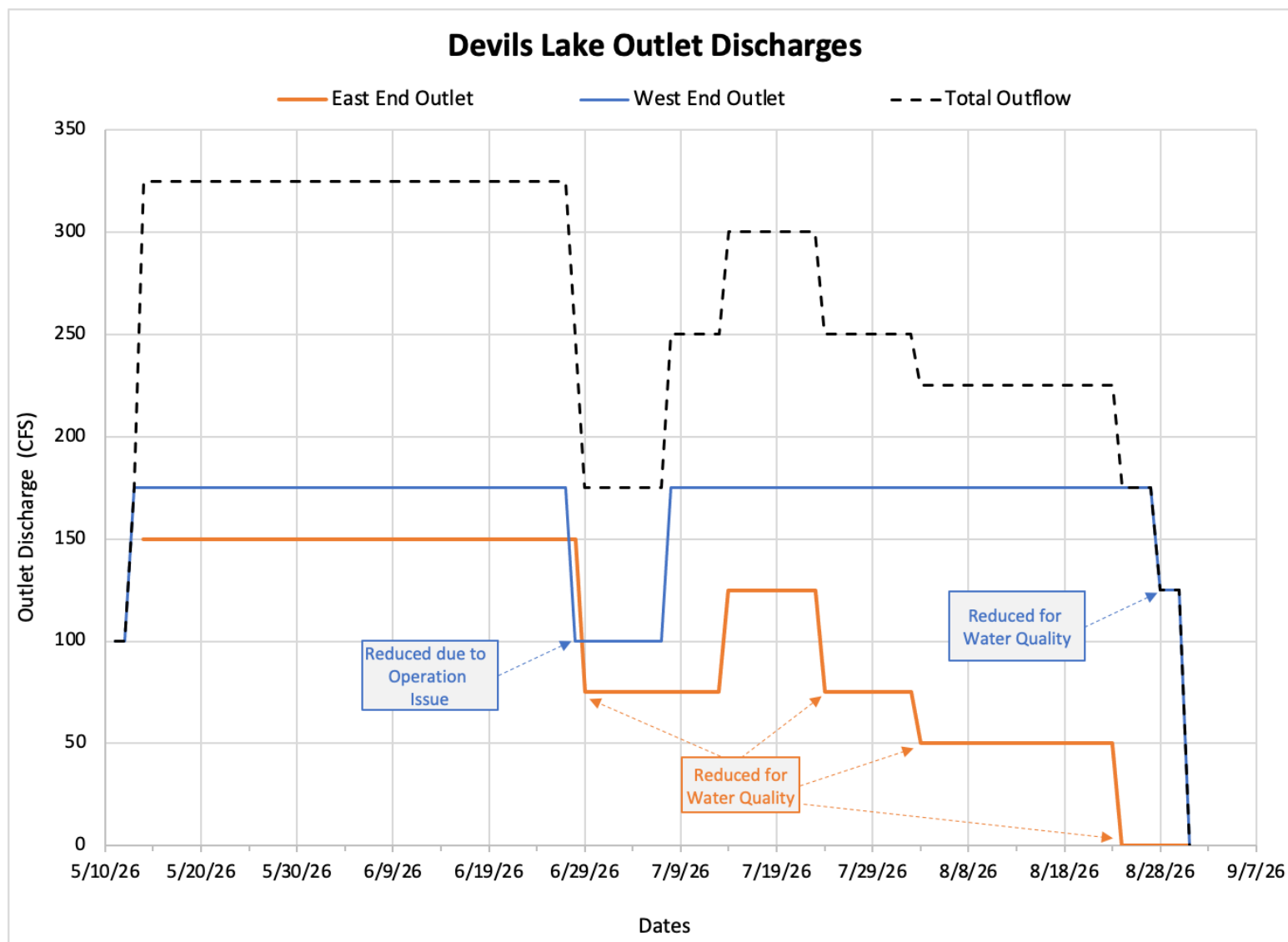


Figure 2. Devils Lake Outlet Operations from May 11 to August 31, 2026

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: Red River Basin Update
DATE: September 18, 2026



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 in Morden, Manitoba on September 15 and 16, 2026. The main items discussed during the meeting were (1) requesting the Nutrient Task Team to make necessary communications with relevant agencies regarding water quality objectives; (2) reviewing the status of ongoing and proposed International Watersheds Initiative (IWI) projects; (3) discussing inter-basin transfer issues on Aquatic Invasive Species (AIS); and (4) brief a discussion on the Pembina border dike and current landowner issues along the U.S.-Canadian border.

The International Joint Commission (IJC) is hosting their fall semi-annual meeting on October 20-22, 2026, in Ottawa, Ontario. The IRRWB's appearance before the IJC is scheduled for October 20.

The next IRRWB meeting will be held in Grand Forks on January 21-22, 2027.

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 between Walhalla and Pembina, 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. On September 10, DWR received the scope of work developed by USACE, which is currently under DWR review.

Additionally, DWR, USACE, and representatives from Manitoba met in Pembina, ND, on September 14, 2026, to discuss the border dike and conducted a brief site visit of the border immediately north of Natchez, North Dakota.

Northern Red River Flood 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, North Dakota, to approximately 0.2 feet per mile at the U.S.-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, North Dakota, to the U.S.-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 September 10, 2026, and a public meeting is scheduled to be held at the Alerus Center, Grand Forks, on October 1, 2026. During the TAC meeting, the project team: (1) Discussed the updated baseline hydraulic model using the HEC-RAS 2D program, (2) provided hydraulic modeling results of the 15 selected alternatives to identify potential flood-stage impacts, (3) provided mitigation strategies (such as larger bridge openings and additional culvert openings) that can be implemented within the DOT's right-of-way for each alternative, (4) conducted several modeling combinations of several mitigation alternatives (5) selected 5 alternatives that will be moved for further development and impact evaluation. The study is expected to be completed in mid-2027.

DWR held a meeting with MnDOT, Minnesota Department of Natural Resources, MN RRWMB, NDDOT on September 18, 2026, to discuss funding for a comprehensive study for the area, which may be pursued at the next legislative session. The action item from the meeting was for review of North Dakota draft legislation as well as work from MN

Red River Basin Update Memo

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September 17, 2026

RRWMB to seek support and companion legislation from Minnesota. The current study will continue to completion.

RH:YC:/2261



Figure 1: Red River Basin General Map

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: Mouse (Souris) River Update
DATE: September 17, 2026



Hydrologic Conditions and Reservoir Status

The Souris River Basin has received above normal rainfall in the month of September, according to the ND Agricultural Weather Network (up to 500% of normal in the Willow City area). This has resulted in improved drought conditions in the basin in North Dakota according to the U.S Drought Monitor, and above normal streamflow for this time of year according to the U.S Geological Survey National Water Dashboard.

In Saskatchewan, Boundary Reservoir is 0.6 feet below Full Supply Level (FSL). Saskatchewan Water Security Agency (WSA) has 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 1.5 feet below FSL and is currently releasing about 34 cubic feet per second (cfs). WSA will adjust this release to meet Normal Drawdown Level in mid-December. Diverted water from Boundary Reservoir (Long Creek runoff) makes up approximately 36% of the gauged inflow to Rafferty Reservoir and is the largest gauged inflow volume to the reservoir so far this year.

Grant Devine Reservoir is 0.7 feet below FSL and is currently releasing about 45 cfs. WSA will adjust this release to meet Normal Drawdown Level in mid-January.

At the Sherwood Crossing, where the Souris River crosses from Saskatchewan into North Dakota, approximately 60% of the volume this year is from uncontrolled runoff below the dams and approximately 40% of the volume is from dam releases. Near the end of September, the August 31 natural flow and apportionment report will be released, which provides the next formal status check on apportionment between Saskatchewan and North Dakota.

In North Dakota, Lake Darling is 0.1 feet below FSL. U.S. Fish and Wildlife Service has been adjusting releases to match reservoir inflows. Releases are currently about 104 cfs.

At J. Clark Salyer National Wildlife Refuge, 90% of the gauged inflow to the refuge this year has been passed to Manitoba. Current releases to Manitoba are approximately 358

September 17, 2026

cfs and have averaged 244 cfs since June 1. The minimum flow requirement is 20 cfs from June 1 to October 31.

Reservoir status as of September 17, 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)

International cooperation in the Souris River Basin began in 1940 with the International Joint Commission (IJC)'s first investigation into apportioning water between Canada and the United States. To oversee compliance with water-sharing agreements, the International Souris River Board of Control was established in 1959. In 2000, its responsibilities were merged with those of the International Souris-Red River Engineering Board, forming the International Souris River Board (ISRB). The ISRB's mandate expanded in 2007 to include water quality oversight. Following the IJC's Souris River Study (2017–2021) and subsequent governance review (2021–2022), the ISRB's mandate and structure were updated in 2022 to strengthen Indigenous engagement. In 2025, the ISRB's structure was modified again to align with the newly established Water Management Agencies and better reflect agency roles and responsibilities in Souris River water management.

The ISRB ensures compliance with international water sharing agreements between Canada and the United States in the Souris River Basin, provides oversight for flood operations, maintains an ecosystem approach to transboundary water issues, including issues related to water quality, and assists the IJC in preventing and resolving transboundary disputes.

The IJC is hosting their fall semi-annual meeting on October 20-22, 2026, in Ottawa, Ontario. The ISRB's appearance before the IJC is scheduled for October 20. 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.

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

September 17, 2026

people participated. It is expected that the consultant will provide the Adaptive Management Plan later this year.

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 design plans and a project report 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. United States agencies submitted their first round of review comments and questions in July. Due to concerns about consistency of the RRM with the 1989 Agreement, WMA plans to meet in-person on October 26-29, 2026, with U.S. Department of State and Global Affairs Canada. The 1989 Agreement requires the development of RRM with consultation from interested states and provinces. Completing RRM 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 September 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).
- Construction at Mouse River Park Bridge and Velva Bridge are ongoing.
- 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.

Mouse River Update Memo

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September 17, 2026

- 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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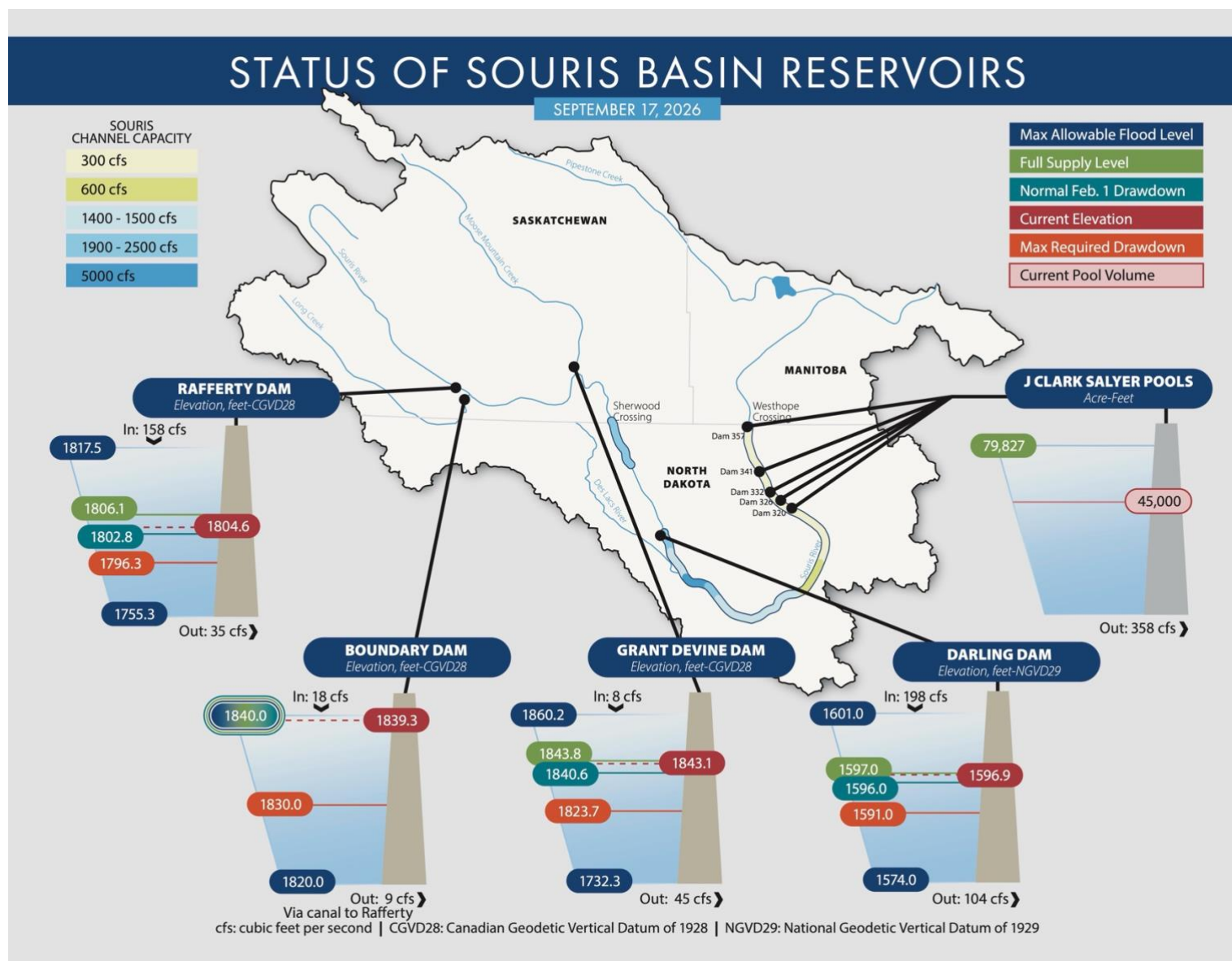


Figure 1. September 17, 2026, Reservoir Status in the Souris River Basin.

MEMORANDUM

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

FROM: Reice Haase, Secretary

SUBJECT: Missouri River Update

DATE: September 20, 2026



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, thirteen, and nine 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 9.8 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	
September 20, 2026	2,222.5	1,824.3	1,592.3	46.3
One-Year Ago	2,223.2	1,832.0	1,600.4	50.8
	September 31, 2026, Reservoir Statistics (period of record: 1967-2025)			
Average	2,231.0	1,837.2	1,601.6	55.7
Record High [year]	2,248.0 [1978]	1,848.2 [1975]	1,616.5 [1997]	66.8 [1975]
Record Low [year]	2,199.8 [2004]	1,809.5 [2006]	1,571.4 [2006]	35.0 [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 have generally stayed the same since the last State Water Commission meeting on August 18, 2026. However, drought intensity has increased in North Dakota since that time. The National Weather Service (NWS) Climate Prediction Center's Seasonal Drought Outlook released on July 16, 2026, indicates drought conditions are expected to persist through North Dakota this fall and winter.

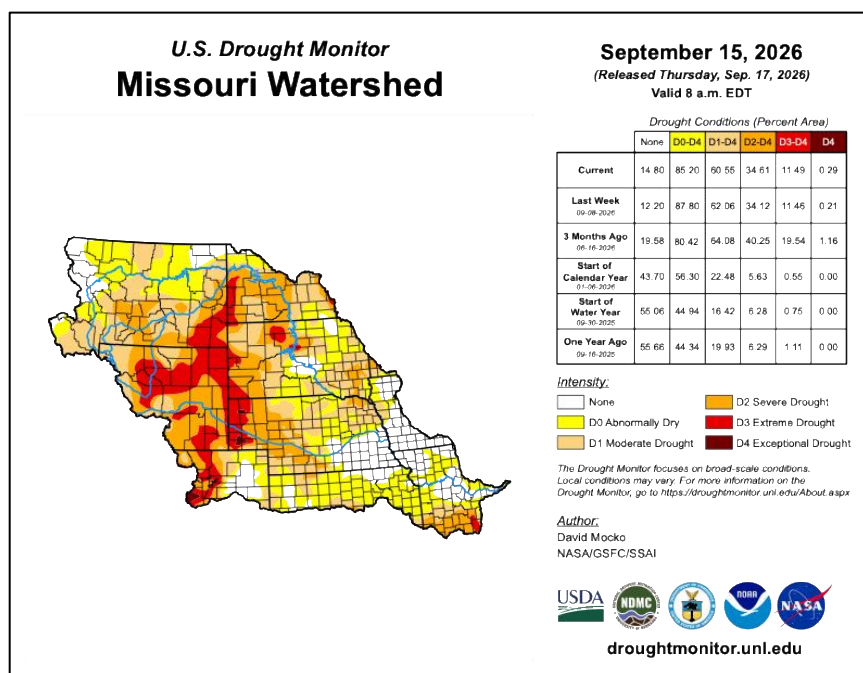


Figure 1. Drought conditions throughout the Missouri River basin as of September 15, 2026. Graphic is courtesy of the NDMC.

Strong El Niño conditions have formed in the Pacific Ocean. Figure 2 below shows that moderate-to-strong El Niños typically bring drier and warmer conditions to the Missouri River headwaters. This could lead to reduced mountain snowpack in the Missouri River basin this upcoming winter and reduced runoff next year. The El Niño conditions are expected to persist through spring 2027 and usually last nine to twelve months.

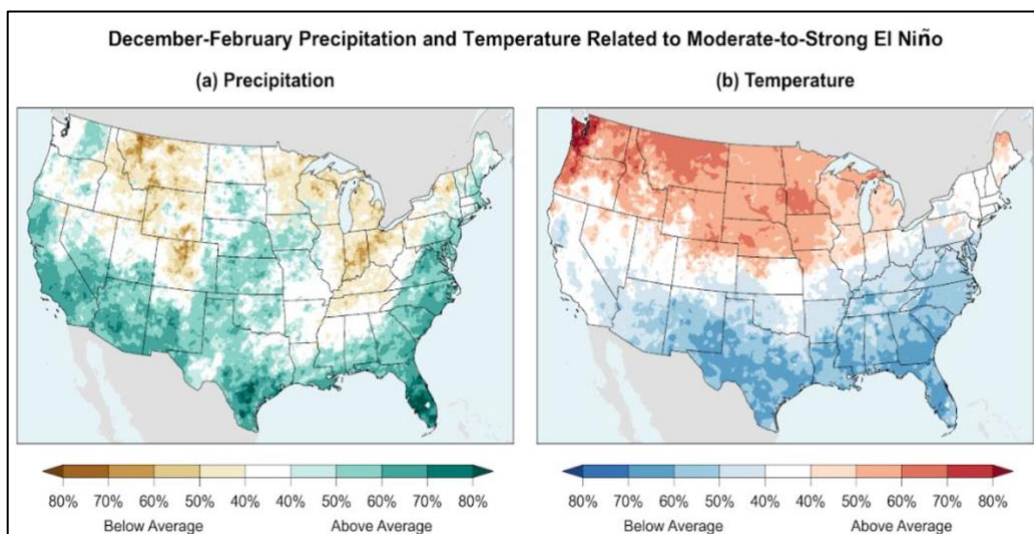


Figure 2. Typical precipitation and temperature patterns of the continental United States during moderate-to-strong El Niños. Graphic is courtesy of NOAA.

Based on current drought conditions and the climate outlook, the United States Army Corps of Engineers (USACE) forecast issued on September 8, 2026, estimates Missouri River System runoff will be 15.4 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 1,824.3 feet msl, with inflows of 10,000 cubic feet per second (cfs) and outflows of 12,900 cfs. The current USACE forecast anticipates Garrison releases will remain around 13,000 cfs through the fall. 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 September 20, 2026.

Snake Creek Embankment

DWR staff continues to track the finalization of the Dam Safety Modification Study for the Snake Creek Embankment. There has been no significant update since the last State Water Commission meeting.

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 field investigations at 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, all sites except Williston were advanced as there was no feasible intake locations identified in that area.

HDR is developing a field investigation plan (FIP) for each of the sites. The FIP will describe the field investigations that will be conducted to further verify the sites for intake suitability. HDR has provided draft FIPs for the Trenton, Stanton, Douglas Bay, and Riverdale sites. The FIPs for Riverdale and Douglas Creek are currently on hold as new potential intake sites need to be identified for those locations due to land access constraints with the previously identified locations.

Landowner outreach has begun for all the potential intake sites. Permission to conduct field work has been secured for the Trenton and Stanton locations. Coordination with the Mandan, Hidatsa, and Arikara Nation is ongoing to identify a potential site on Fort Berthold Reservation for the investigation.

HDR will begin field investigations once landowner permissions and permits are received. A notable permit is the USACE's Archaeological Resources Protection Act (ARPA) permit, which is required at all sites except the ones 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. A cultural resources report must then be submitted to USACE for review. USACE review for issuing the ARPA permit can take up to 270 days.

It is likely that field investigations will be pushed to the spring of 2027 due to delays in potential intake site selection, completion of the FIPs, and longer than expected permitting timelines.

RH:CRC/1392



Figure 3. Status of reservoirs in the basin as of September 21, 2026.

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: NAWS – Project Update
DATE: September 18, 2026



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 addressed 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 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 have 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.

Contractor is making progress towards completion of the project. Startups of major electrical equipment, including Motor Control Center (MCC), Switchgear, and Variable Frequency Drives (VFD) 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. Remaining corrective actions associated with the incident include gasket replacement or repair and addressing the pipe support failure. Once the pipe support and gasket issues are resolved, pressure testing of the discharge pipeline will be attempted again. Successful pressure testing is necessary before the startup and commissioning of the pumps.

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 since been removed and has been replaced with a spool piece.

The discharge piping pressure test has been successfully completed, with the exception of the piping leading to the surge tanks due to a leak at a different dismantling joint. The dismantling joint will be replaced with a spool piece, which is expected to arrive on site the week of September 14. Once installed, the remaining piping will be pressure tested.

Three of the four pumps have been successfully checked. The remaining pump, Pump #2, requires the manufacturer of the MCC, ABB to be on-site to address issues. ABB is scheduled to be on-site in early November.

Coating work in the tunnel is expected to begin soon, pending approval of the required safety related submittals of the personnel.

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 procured after the initial failure through eBay. As of July 22, all pump breakers are operational. The Department will continue working with Garrison Diversion Conservancy District to identify and implement a permanent breaker replacement solution to improve long term system reliability.

NAWS Snake Creek Pumping Plant Discharge Pipeline Contract 2-1E

Contract 2-1E includes the discharge pipeline that connects the Snake Creek Pumping Plant 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 punchlist 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 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 has now submitted a revised project schedule identifying Substantial Completion in November 2027. The Contractor has also been working most Saturdays to take advantage of favorable low lake levels.*

The Contractor proposed 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 and 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.

Dredging activities for installation of the intake pipe are ongoing, with approximately 7,500 cubic yards of material removed to date. The intake pipe weights are currently being formed and poured, the bulkhead is being assembled, and drilling for micropile installation is expected to begin soon.

An error in the intake pipe alignment was discovered recently due to design file error. A Work Change Directive to correct the alignment has been issued to the Contractor.

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.

Installation of the second set of filter underdrains was completed in late May 2026. 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. The Department directed the contractor to resolve the deficiencies by July 31, 2026.

As of August 21, 2026, the deficiencies were not corrected. At a special Commission meeting held on August 26, 2026, Secretary Haase provided an update on the filter underdrain system and the Commission unanimously decided against continuing with the current filter underdrain manufacturer, Ovivo, due to lack of confidence in the underdrains that failed to meet the project requirements twice. Contractor was informed of that through a letter dated August 31, 2026. A letter dated September 1, 2026, from the Engineer to the Contractor demanded an updated schedule by September 15, 2026. Contractor's response was received on September 8, 2026, with a request for additional information, extension to schedule submission, and a request to issue a Change Order to

seek an alternative supplier. Engineer responded to the letter on September 16, 2026. An extension to September 23, 2026, for schedule submission was provided along with responses to other questions.

The General Contract's Substantial Completion Date was extended to December 2, 2024, via Change Order 6. Change Order 7 has been processed to purchase Builder's Risk insurance, but did not change the completion dates.

The table below shows the 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 soon.

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. *Installation and configuration have been completed. Communication issues remain ongoing, and DWR is actively working with the contractor to troubleshoot and resolve them.*

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, NDI and CISA 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. *DWR is working with NDI to evaluate the costs associated with upgrading and maintaining firewalls at several NAWS sites.*

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. A pump replacement was determined to be the most cost-effective solution and it offered 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 are underway. *Submittals have been reviewed by HEI Inc. and DWR. The delivery of the pump is expected to be late November.*

Isolation Vault 2 Repairs

Three quotes for repairs to Isolation Vault 2 due to flooding that occurred in December 2025 were requested, with only one contractor submitting a quote. The State Water Commission approved this repair as an eligible Replacement Extraordinary Maintenance project. These repairs are expected to start this fall.

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.

HEI Inc. noted to DWR that the existing NAWS distribution system and the current design for the Souris Reservoir and Pump Station (gpm) 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 Inc. 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 Inc. for these changes is approximately \$7 million. ASWUD has been issued a formal response to the capacity request detailing the analysis. *DWR and ASWUD met on September 1 to further discuss the details of the request. It was noted at the meeting that the DWR and ASWUD will work collaboratively to determine the appropriate path forward.*

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.

Development of the Operations and Maintenance Agreement for the HSPS is ongoing, with a planned effective date of January 1, 2027. Legal review and City Council approval remain before the agreement can be finalized. At its July meeting, the State Water Commission authorized the Secretary to finalize and execute the agreement.

Potential Agreement with Garrison Diversion Conservancy District (GD CD)

DWR staff will review the needs for emergency sequence of operations necessary at the Snake Creek Pumping Plant and determine if assistance from GD CD staff is necessary for the operations of the NAWS intake and an agreement will be drafted accordingly. DWR and GD CD staff met at the Snake Creek Pumping Plant on July 9 to discuss operations. ***Development of an operations agreement is underway.***

RH:BH/237-4

MEMORANDUM

TO: Lieutenant Governor Michelle Strinden
Members of the State Water Commission
FROM: Reice Haase, Secretary
SUBJECT: SWPP – Project Update
DATE: September 23, 2026



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 added 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. ***BW/AECOM delivered 30% progress design for the northern alignment the end of August and it is under review.***

Department of Water Resources (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 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. ***Another meeting with the federal agencies to discuss progress will be scheduled soon.***

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, Intake Pump Modifications Equipment contracts have been executed. At the June State Water Commission (SWC) meeting, award of the contracts on Contract 1-1C, Modifications to Existing Intake was approved. ***Contract documents have been executed for all three contracts on Contract 1-1C.***

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 has submitted SA 250 for developing the bid ready contract documents for the hybrid main transmission pipeline upgrades in the West Zone and SA 251 developing the bid ready contract documents for the Golva tank. SA 250 and 251 are under review.***

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. ***Future design decisions for the South Zone and North and East Zone's flows for the RCPS's PDR are included as a separate agenda item.***

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.

Installation of the pipeline and the six pressure reducing valve vaults included in the contract are complete. Delivery of the two boosters is now anticipated to be early November 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 brought before the SWC before proceeding with bid ready documents.

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 August 2026, in the Burt-Hebron service area there are 943 signups with 299 around Lake Tschida and 644 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. ***The preconstruction conference for Contract 7-5C, Bid Schedule 1A and 1B was held August 19. Carstensen Contracting mobilized to the site in mid-September and has***

begun pipeline installation.

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.

Bids for SWPP Contract 2-2I, Raw Water Main Transmission Pipeline Replacement, Dodge to Richardton were opened August 18, 2026. Bid results and funding authorization are discussed under a separate agenda item

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.

The grade level precast walls have now been installed. Current ongoing activities include installation of structural steel including the roof joists, basement piping, clarifier equipment, electrical conduit, and HVAC ductwork installation.

The 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	4	\$642,302.33	\$87,024,802.33	0.74%



SWTP project picture taken September 9, 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 (gpm) for a total allocation of 1,100 gpm, 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.

Alternative #2, which examines the improvements and costs associated with increasing the water supply to Gevo's Net Zero Richardton facility by 1,400 gpm for a total allocation of 2,000 gpm has been completed in draft form by BW/AECOM. The draft report was delivered to DWR and Gevo September 21, 2026, and is under review.

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: September 25, 2026 (for October 8, 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: **Final judgment has been filed and entered.**

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: **The Department filed a dispositive summary judgment motion arguing that the Department properly determined drain permits are not required for the Herberg and Abercrombie Dairies' planned stormwater discharge system. Petitioners' response is due in early October.**

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 administrative law judge issued a recommended order dismissing the Petitioners' request for hearing, because the Petitioners are not aggrieved by the Department's approval of the Bulk Water Purchase Agreement. The Department issued a final order adopting the administrative law judge's recommended order. The Petitioners subsequently filed a Request for Reconsideration that was denied. The Petitioners recently served the Department with a Notice of Appeal.

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: An administrative hearing was held on September 16, 2026. The parties will file a series of post-hearing briefs with the administrative law judge.

Case: In re: Emergency Surface Drain Application No. 6970
Date Filed: ALJ Designated on August 11, 2026
Court: Office of Administrative Hearings, OAH File No. 20260290
Attorney: Matthew Sagsveen, Elizabeth Mayans
Opposing Counsel: Daniel Howell, Ramsey County State Attorney

Issues: The Petitioner is appealing the Department's denial of Emergency Surface Drain Permit No. 6970.

Current Status: A hearing is scheduled for November 17-18, 2026.

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: September 25, 2026 (for October 8, 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.

The case continues to be stayed pending the federal government’s ongoing rulemaking. The EPA and Corps issued a Supplemental Notice of Proposed Rulemaking on September 9, 2026. The purpose of the supplemental notice is to seek additional comment on certain aspect of an earlier proposal, published on November 20, 2025, to revise the regulations defining the scope of waters federally covered under the Clean Water Act in light of the U.S. Supreme Court’s 2023 decision in *Sackett v. Environmental Protection Agency*. Comments are due on or before October 9, 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.

The parties continue to prepare for trial, which is set for December 7, 2026.

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: Lieutenant Governor Michelle Strinden
Members of the State Water Commission 
FROM: Reice Haase, Secretary
SUBJECT: Federal MR&I Program – ENDAWS FY2026 Funding
DATE: September 29, 2026

The United States Bureau of Reclamation (USBOR) has confirmed a \$50,000,000 increase to the Federal Municipal, Rural, and Industrial (MR&I) water supply program ceiling as appropriated through fiscal year (FY) 2026 funding. Of this amount, \$49,500,000 is designated for the Eastern North Dakota Alternate Water Supply Project (ENDAWS) with \$500,000 to be used for Bureau of Reclamation (USBOR) program administration.

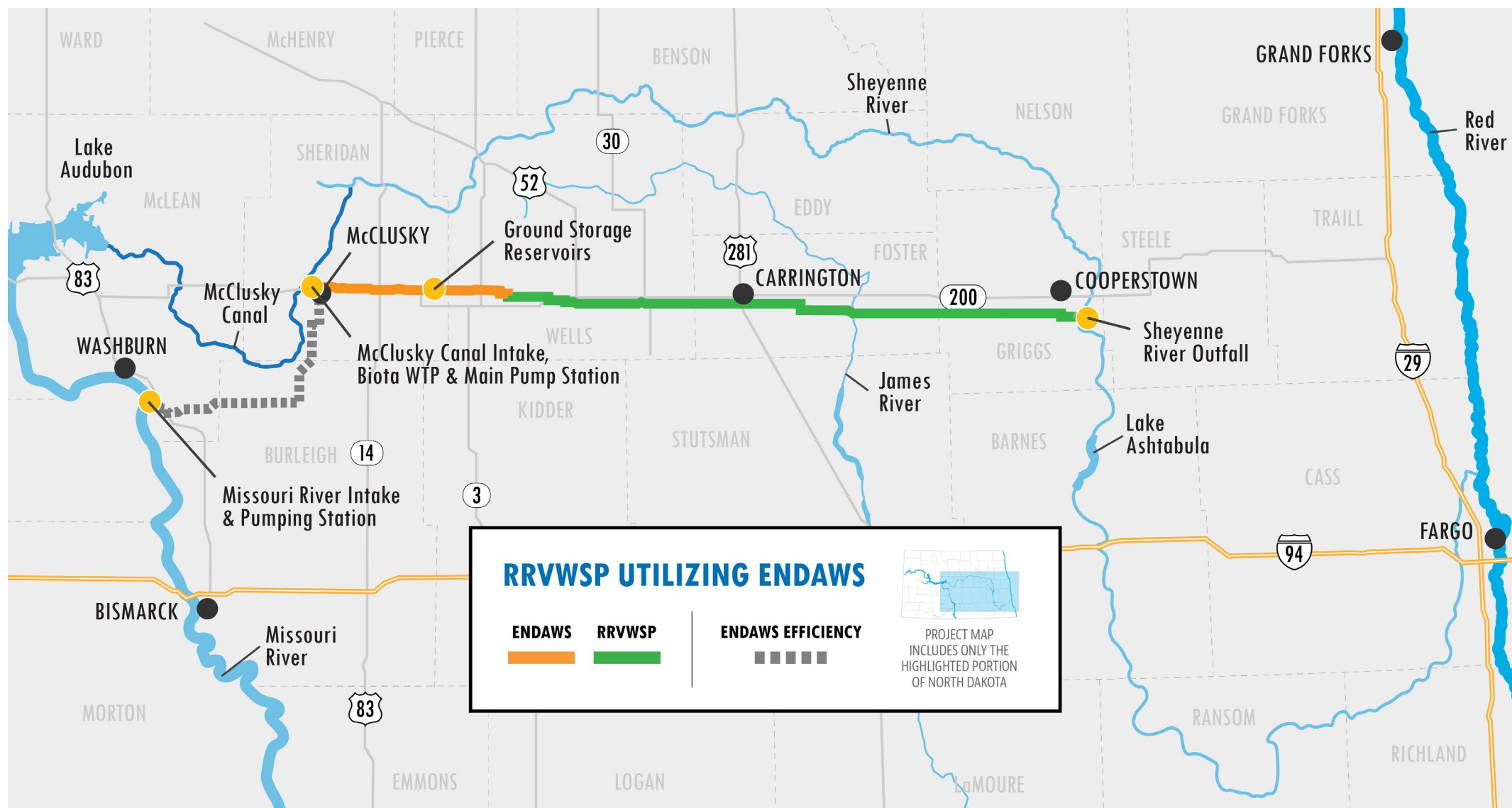
The Garrison Diversion Conservancy District (District) requests allocation the \$49,500,000 from FY2026 MR&I program funding at 75 percent cost-share for construction costs associated with ENDAWS Biota Water Treatment Plant site development and wet well excavation; design and construction of the Intake, Tunnel, and Shaft Liner; and design and procurement for treatment facilities and pump stations. This request is to be considered by the Garrison Diversion Conservancy District at their October 2026 meeting.

MR&I FY2021 funding of \$2,370,000 was approved for transmission pipeline engineering design to 30 percent and right of way acquisition. MR&I FY2023 and FY2024 funding of \$4,500,000 was approved for geotechnical investigation, partial design of the transmission pipeline segments 1 and 2, partial design of McClusky Canal intake and pump stations, wet well excavation, and Biota Water Treatment Plant site development. No MR&I funding was received in FY2025. A state MR&I program funding summary is attached.

This request is eligible for the State Water Commission to approve the allocation of FY2026 federal MR&I funding in the amount of \$49,500,000 at 75 percent cost-share to the Garrison Diversion Conservancy District to be used toward the Eastern North Dakota Alternate Water Supply Project. This approval is contingent on available funding, that the project follow Federal MR&I Program requirements, and delegates to the Secretary the ability to move funds between project elements in order to facilitate efficient project completion.

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ENDAWS PROJECT FEATURES



FY2026 MR&I FUNDING

ENDAWS BIOTA WATER TREATMENT PLANT

ITEM	MR&I FUNDS (75%)	STATE FUNDS (18.75%)	LOCAL FUNDS (6.25%)	TOTAL COST ESTIMATE
Contract 3 Treatment Facilities & Pumping Stations, Final Design & Procurement Services	\$12.02M	\$3.00M	\$1.00M	\$16.02M
Contract 1 Site Development & Wet Well Excavation, Construction	\$15.27M	\$3.82M	\$1.27M	\$20.36M
Contract 1 Site Development & Wet Well Excavation, Construction Phase Services	\$1.60M	\$0.40M	\$0.13M	\$2.13M
Contract 2 Intake, Tunnel, & Shaft Liner, Design & Bidding Assistance	\$0.77M	\$0.19M	\$0.06M	\$1.02M
Contract 2 Intake, Tunnel, & Shaft Liner, Construction	\$14.25M	\$3.56M	\$1.19M	\$19.00M
Contract 2 Intake, Tunnel, & Shaft Liner, Construction Phase Services	\$1.42M	\$0.36M	\$0.12M	\$1.90M
Contract 3 CMAR Part I, Construction Management, Planning, & Design Coordination	\$0.75M	\$0.19M	\$0.06M	\$1.0M
Contingency (7.40%)	\$3.42M	\$0.86M	\$0.29	\$4.57M
TOTAL COST	\$49.5M	\$12.38M	\$4.12M	\$66.00M

State Municipal, Rural, and Industrial Water Supply Program - Federal Funding Summary
September 28, 2026

		FY2021	FY2022		FY2023		FY2024		FY2025		FY2026	
		Appropriation	Appropriation	BIL* Funds	Appropriation	BIL* Funds	Appropriation	BIL* Funds	Appropriation	BIL* Funds	Appropriation	BIL* Funds
Budget		\$21,050,000	\$20,418,682	\$33,545,000	\$9,698,347	\$5,000,000	\$8,700,000	\$2,000,000	\$0	\$0	\$49,500,000	\$0
Total	\$149,912,029	\$21,050,000	\$53,963,682		\$14,698,347		\$10,700,000		\$0		\$49,500,000	
Project												
Northwest Area Water Supply	Approved	\$18,381,827	\$20,418,682	\$33,545,000	\$7,700,000	\$5,000,000	\$5,700,000	\$2,000,000	\$0	\$0	\$0	\$0
Total	\$92,745,509	\$18,381,827	\$53,963,682		\$12,700,000		\$7,700,000		\$0		\$0	
Eastern North Dakota Alternative Water	Approved	\$2,370,000	\$0	\$0	\$1,500,000	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0
	Proposed										\$49,500,000	
Total	\$56,370,000	\$2,370,000	\$0		\$1,500,000		\$3,000,000		\$0		\$49,500,000	
Program Administration	Approved	\$298,173	\$0	\$0	\$498,347	\$0						
Total	\$796,520	\$298,173	\$0		\$498,347		\$0		\$0		\$0	
	Approved	\$21,050,000	\$20,418,682	\$33,545,000	\$9,698,347	\$5,000,000	\$8,700,000	\$2,000,000	\$0	\$0	\$0	\$0
	Proposed				\$0		\$0	\$0	\$0	\$0	\$49,500,000	\$0
Total	\$149,912,029	\$21,050,000	\$53,963,682		\$14,698,347		\$10,700,000		\$0		\$49,500,000	
Estimated MR&I Ceiling Authorization Balance		\$76,010,000	\$25,920,000		\$12,227,000		\$0		\$0		\$50,000,000	

*BIL (Bipartisan Infrastructure Law)