

NAWS Authority Meeting
Minot Public Works Conference Room
1025 31st St SE, Minot, ND 58701
May 28, 2026, 3:00 PM CDT

Microsoft Teams meeting

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Meeting Agenda

- A. Roll Call
- B. Introductions
- C. Consideration of Agenda
- D. Consideration of April 2, 2026 Meeting Minutes
- E. Department of Water Resources Director Update
- F. NAWS Authority Representatives Terms
- G. April 08, 2026 State Water Commission Meeting Update
- H. May 21, 2026 State Water Pre-Commission Meeting Update
- I. NAWS Authority Representatives – On Boarding Information Packet
- J. NAWS High Service Pump Station – Operations and Maintenance Agreement
- K. NAWS Biota Water Treatment Plant Operations Update
- L. NAWS Construction Update

- M. NAWS Operations Update
- N. Other Business
- O. Adjourn

MINUTES

Northwest Area Water Supply Authority Minot, North Dakota April 2, 2026

The Northwest Area Water Supply (NAWS) Authority held a meeting in Conference Room 3 of the Minot Public Works Building, 1025 31st St SE, Minot, ND, and via Microsoft Teams on April 2, 2026. Dan Schaefer, Chairman of the NAWS Authority, called the meeting to order at 10:30 AM. A quorum was present.

NAWS AUTHORITY REPRESENTATIVES PRESENT:

Mark Jantzer, Mayor and City of Minot Representative
 Craig Haskins, North Prairie Regional Water Representative
 Jason Zimmerman, State Water Commission (SWC) Representative
 Dan Jonasson, City of Minot Representative
 David Lakefield, City of Minot Representative
 Dan Schaefer, Chairman, All Season Water Users District Representative
 Tony Schwalbe, Cities with Direct Service Representative
 Jason Sorenson, Vice Chairman, City of Minot Representative
 Ann Vallie, Turtle Mountain Band of Chippewa Indians Representative (virtual)
 Kristine Goettle, Upper Souris Water Users District Representative (virtual)

NAWS AUTHORITY REPRESENTATIVES ABSENT:

Kenny Rodgers, Garrison Diversion Conservancy District Representative

OTHERS PRESENT:

Sindhuja S. Pillai-Grinolds, Director, Water Development Division, Department of Water Resources (DWR)
 Brandon Hicks, NAWS Project Manager, DWR
 Andrew Rodriguez, NAWS Water Resource Senior Manager, DWR
 Erin Stieg, Water Resource Project Specialist, DWR
 Clint Cogdill, NAWS Lead Operator, DWR
 Cody Lockyer, NAWS Operator, DWR
 Reice Haase, Director, DWR (virtual)
 John Paczkowski, State Engineer, DWR, (virtual)
 Rachel Wald, All Season Water Users District (virtual)
 Ryan David, Houston Engineering (virtual)
 Danielle Quissell, ND Water (virtual)
 Dustin Offerdahl, Snake Creek Pumping Plant (virtual)

CONSIDERATION OF AGENDA

Chairman Schaefer requested for any corrections or additions to the agenda. As there were none, the agenda was approved as presented by voice vote.

CONSIDERATION OF THE JANUARY 29, 2026 MEETING MINUTES

Meeting minutes were sent to the Authority for review prior to the meeting. Chairman Schaefer requested for feedback or changes to the meeting minutes from the previous Authority

meeting on January 29, 2026. No feedback was presented, and the meeting minutes were approved as presented by voice vote.

DEPARTMENT OF WATER RESOURCES DIRECTOR UPDATE

Reice Haase, DWR Director, updated the Authority on the March 26th presentation to the Water Topics Overview Committee. It included breakdown of funding and budget outlook for NAWS as of the 2025 Water Development Plan, and progress made toward the 2027 Water Development Plan. He also noted that a draft report has been received for the Cost Share study as well as the Governance and Finance Study, with recommendations and options from Deloitte Consulting, a third-party consultant hired by DWR. Recommended options for consideration to the Cost Share policy included in the draft report were reviewed. A summary of the NAWS Governance and Finance options included in the report was also reviewed and discussed.

FEBRUARY 12, 2026 SWC MEETING UPDATE

Brandon Hicks, NAWS Project Manager, noted that no NAWS related items were discussed for approval at the February SWC meeting. He noted that in addition to the project update from DWR staff, Kevin Martin, with Houston Engineering Inc. also provided an update on the timeline for lake water delivery to Minot.

MARCH 19, 2026 PRE-COMMISSION MEETING UPDATE

Brandon Hicks, NAWS Project Manager, updated the Authority on the items presented at the March Pre-Commission meeting, which included information on the several Work Change Directives that are under negotiation on the NAWS Contract 7-2A/4-1A with cumulative limit expected to exceed the Secretary authority limit of \$1,000,000. It was noted that based on the status of the Contract, increasing the authorization for the Secretary to approve change orders up to \$1.6 million will be presented at the April SWC meeting. Concurrence from the NAWS Authority was requested.

It was moved by Representative Zimmerman, seconded by Vice Chairman Sorenson, and approved unanimously to concur with DWR staff presenting the request for increasing the authorization for the Secretary to approve change orders up to \$1.6 million on NAWS Contract 7-2A/4-1A General Contract at the April SWC meeting.

Brandon Hicks, NAWS Project Manager also presented information on the Booster Pump Station (BPS) #4 Pump #2 Variable Frequency Drive (VFD) and High Service Pump Station (HSPS), NAWS High Service Pump #1, repairs and replacements needed. The VFD repair quote for BPS #4 is approximately \$26,500. Replacement cost for HSPS, NAWS HSP #1 is estimated at \$200,000. It was noted that request to approve these two projects as eligible REM projects will be presented at the April SWC meeting.

It was moved by Representative Lakefield, seconded by Representative Jonasson, and approved unanimously to approve that replacement of HSPS NAWS HSP #1 and BPS #4 Pump #2 VFD are eligible Replacement and Extraordinary Maintenance projects.

NAWS AUTHORITY REPRESENTATIVES- ON BOARDING INFORMATION PACKET

Brandon Hicks, NAWS Project Manager requested the Authority to review the Authority representatives onboarding information packet developed by DWR staff and provide any feedback or comments.

NAWS BIOTA WATER TREATMENT PLANT (WTP) OPERATIONS UPDATE

Brandon Hicks, NAWS Project Manager, noted that The City of Minot has submitted eight reimbursement requests to DWR for operations and maintenance expenses related to the NAWS Biota WTP, covering the period from August 2024 through January 2026. These eight requests total \$877,933.08, and DWR has fully reimbursed the City for this amount. Bureau of Reclamation (Reclamation) has to date awarded \$463,700 toward federal fiscal year (FFY) 2024 expenditures and \$1,932,225 to cover FFY 2025 expenses for a total of \$2,395,925. Reclamation recently requested a revised budget for FFY 2026 due to the delay in the construction completion of the Biota WTP which has been provided by DWR in coordination with the City of Minot.

He also stated that a few Work Change Directives (WCD) that incorporate revisions required by Department of Environmental Quality (DEQ) have been issued to the Contractors constructing the Biota WTP. DWR may manage some revisions requested by DEQ outside the construction contract if warranted. A revised schedule from the Contractor was received with a substantial completion date of July 10. This does not include the disinfection WCD that the consulting engineer is in the process of sending to the Contractor. On August 18, 2026, a ribbon cutting event for the Biota WTP is being planned with leadership from the US Department of Interior.

NAWS CONSTRUCTION UPDATE

Brandon Hicks, NAWS Project Manager gave a brief construction update on NAWS projects following the memo included in the packet.

NAWS OPERATIONS UPDATE

NAWS Personnel Update

Brandon Hicks, NAWS Project Manager noted the personnel updates at DWR: Andrew Rodriguez, Water Resources Senior Manager started his new role on March 23, 2026. Andrew previously held the position of Construction Crew Lead within DWR.

City of Minot Cybersecurity Breach

Brandon Hicks, NAWS Project Manager noted on March 14, 2026, the City of Minot experienced a cybersecurity breach 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.

High Service Pump Station Pump Repair

Brandon Hicks, NAWS Project Manager, noted that 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 to rebuild the pump. Approval to use REM funds for these repairs will be requested once the replacement pump manufacturer is selected.

Agreements with City of Minot

DWR staff will begin 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 High Service Pump Station, and a Water Service Agreement with the City of Minot. A preliminary draft of the Operations and Maintenance Agreement for the HSPS has been developed by DWR staff. DWR staff and City of Minot will refine this agreement in the next few weeks and will plan on bringing it to the May NAWS Authority meeting for approval. Additional agreements may be identified as discussions progress.

All Seasons Water Users District (ASWUD) Capacity Request

DWR staff and HEI Inc. are reviewing a request for capacity confirmation from ASWUD. The request is for confirmation of NAWS's ability to supply a total flow rate of 1,250 gallons per minute for ASWUD's peak uses and projected demands under full buildout conditions for the Bottineau County Expansion. A meeting with ASWUD, DWR, and HEI Inc. will be scheduled to fully understand the request and their timeline.

Potential agreement with Garrison Diversion Conservancy District (GD CD)

DWR staff is reviewing the emergency sequence of operations at the Snake Creek Pumping Plant to determine if assistance from GD CD staff is necessary for the operations of the intake pumps and an agreement will be drafted accordingly.

OTHER BUSINESS

There was continued discussion regarding lake water delivery to Minot, availability and timeline.

Representative Jonasson asked DWR staff to gather information regarding the term limits for NAWS Authority representatives, which will be presented at the upcoming NAWS Authority meeting.

There being no further items of discussion, the meeting was adjourned at 11:30 AM.

Respectfully submitted,

Erin Stieg, DWR Water Resource Project Specialist

DRAFT

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TO: NAWS Authority Representatives
FROM: Reice Haase, Director
SUBJECT: NAWS Authority Representative Terms
DATE: May 21, 2026


For Reice Haase

At the April NAWS Authority meeting, discussion occurred regarding the terms of NAWS Authority members.

In accordance with North Dakota Century Code 61-24.6-02, NAWS Authority representatives recommended by the City of Minot, North Prairie Rural Water District, All Seasons Water Users District, Upper Souris Water Users District, Garrison Diversion Conservancy District, Tribal Council, and the State Water Commissioner residing within the Souris River Basin are appointed by the Commission. The representative for cities other than Minot is elected at the annual meeting of the league of cities.

North Dakota Century Code 61-24.6-03 states that NAWS Authority representatives serve four-year terms and vacancies must be filled in the same manner as the original appointments.

The table below includes information identifying the dates the current NAWS Authority representatives were appointed by the State Water Commission, along with the election date for Anthony Schwalbe.

NAWS – Authority Representative Terms

Page 2 of 2

May 21, 2026

Authority Member	Date appointed	Term- End Date
Dan Schaefer	10-Aug-23	10-Aug-27
Jason Sorenson	10-Aug-23	10-Aug-27
Jason Zimmerman	10-Aug-23	10-Aug-27
David Lakefield	10-Aug-23	10-Aug-27
Kenny Rodgers*	10-Aug-23	10-Aug-27
Antony Schwalbe	21-Sep-23	21-Sep-27
Dan Jonasson	10-Apr-25	10-Apr-29
Craig Haskins	14-Aug-25	14-Aug-29
Kristine Goettle	14-Aug-25	14-Aug-29
Mark Jantzer	9-Oct-25	9-Oct-29
Ann Vallie*	16-Dec-25	16-Dec-29

*- Non voting members

RH:BH/237-4-AUTH

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TO: NAWS Authority Representatives
FROM: Reice Haase, Director
SUBJECT: April 8, 2026, State Water Commission Meeting Update
DATE: May 19, 2026



For Reice Haase

At the April 8, 2026, State Water Commission meeting, two items were presented and approved. The two items are discussed below:

1. Contract 7-2A/4-1A Biota Water Treatment Plant General Contract Change Order Authorization:

Brandon Hicks, NAWS Project Manager, noted that several Work Change Directives are under negotiation on the Contract with the cumulative limit expected to exceed the Secretary authority limit of \$1,000,000. Based on the status of the Contract, the request was for increasing the authorization for the Secretary to approve change orders up to \$1.6 million. The request was approved.

2. Replacement and Extraordinary Maintenance (REM) Projects:

Brandon Hicks also presented the information on the Booster Pump Station (BPS) #4 Pump #2 Variable Frequency Drive (VFD) and High Service Pump Station (HSPS), NAWS High Service Pump #1, repairs and replacements needed. The VFD repair quote for BPS #4 is \$26,307, and the replacement cost for HSPS, NAWS HSP#1 is estimated at \$200,000. It was requested to approve these two projects as eligible REM projects. The request was approved.

RH:BH/237-4-AUTH

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TO: NAWS Authority Representatives
FROM: Reice Haase, Director
SUBJECT: May 21, 2026, Pre-commission Update
DATE: May 21, 2026


 For Reice Haase

At the May 21, 2026, Pre-commission meeting, two NAWS related agenda items were presented. The items are discussed below:

1. Contract 1-1A Intake and Snake Creek Pumping Plant Modifications – Funding Allocation Update:

Brandon Hicks, NAWS Project Manager, noted that the Contractor has notified the Engineer that the intake screen structure, which is currently part of Contract 1-1A, Contract No. 1, does not meet the Bureau of Reclamation's Buy American specifications and is not eligible for federal funding. The cost for furnishing and installing the intake structure is approximately \$335,000. Change Orders will be issued to move the scope of work that covers the furnishing and installation of the intake screen structure from Contract 1-1A, Contract 1, to Contract 1-1A, Contract 2. To accommodate this change, the previously approved funding allocation must be modified by reducing the federal MR&I funding from \$18.97 million to \$18.64 million and increasing the \$2.79 million Resources Trust Fund allocation to \$3.13 million.

I recommend the NAWS Authority concur with the Department of Water Resources staff presenting the funding allocation of \$18.64 million, which is a reduction of \$335,000 from federal Municipal, Rural, and Industrial water supply and \$3.13 million, which is an addition of \$335,000 from the unallocated funds carried over from the 2023-2025 biennium for the Northwest Area Water Supply Project at the June State Water Commission meeting.

2. State Owned Projects – Replacement and Extraordinary Maintenance (REM) Projects Reimbursement Process

The Commission owns and operates the NAWS project. The REM policy adopted for NAWS at the June 13, 2012, State Water Commission (SWC) meeting noted that items over \$15,000 are eligible for REM funds. The REM eligibility criterion for the other state-owned project, Southwest Pipeline Project (SWPP), was last approved

at the March 29, 2017, SWC meeting. The approved eligibility criterion for use of REM funds for SWPP is a single event which has a repair or replacement cost of \$20,000 or more. Annual maintenance items have not been eligible for REM funds. Department of Water Resources (DWR) staff recommended increasing the REM eligibility criterion for NAWS to \$20,000 or more per project to have uniformity between the two state owned projects.

NAWS has not typically presented an annual budget to the SWC. Instead, approval of the water rates are presented. It was noted that DWR staff will present annual budgets which will include projects anticipated to use REM funds starting in 2027.

DWR staff recommended that reimbursement requests for REM projects, already approved as eligible REM projects, be approved by the Secretary following staff review and recommendation, eliminating the need for an additional Commission approval. Beginning in 2027, REM-eligible projects will be incorporated into an annual budget submitted to the Commission for approval.

I recommend the NAWS Authority concur with the Department of Water Resources staff on the eligibility criterion for Northwest Area Water Supply Project's Replacement and Extraordinary Maintenance funds as a single project exceeding \$20,000.

I recommend the NAWS Authority concur with authorizing the Secretary to approve the reimbursement from the Northwest Area Water Supply Project's Replacement and Extraordinary Maintenance funds for Commission approved eligible Replacement and Extraordinary Maintenance projects.

RH:BH/237-4-AUTH

TO: NAWS Authority Representatives
FROM: Reice Haase, Director
SUBJECT: NAWS Authority Representatives - On Boarding Information Packet
DATE: May 20, 2026



For Reice Haase

The attached onboarding information packet for NAWS Authority Representatives, developed by Department of Water Resources (DWR) staff, was presented at the April NAWS Authority meeting with a request for feedback. No feedback was received. DWR staff remain open to receiving feedback and welcome any suggested revisions to the packet.

Approval of the onboarding information packet is requested.

I request approval of the onboarding information packet for NAWS Authority Representatives.

RH:BH/237-4-AUTH
Attachment



NAWS AUTHORITY ONBOARDING

GUIDELINES | NAWS_05.2026

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Effective Date 05/28/2026

OUTLINE

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1 EXECUTIVE SUMMARY

Congratulations on your appointment to the Northwest Area Water Supply (NAWS) Authority!

North Dakota Century Code (NDCC) § 61-24.6-01 declares necessary the pursuit of a project "that would supply and distribute water to the people of northwestern North Dakota through a pipeline transmission and delivery system." NDCC § 61-24.6-04 authorizes the Department of Water Resources (DWR) to construct that project.

DWR began construction on the Northwest Area Water Supply (NAWS) project in April 2002. In 2002, lawsuits were initiated, but various elements of project construction were allowed to proceed by a court order in 2005. The first four contracts involving 45 miles of pipeline from the Missouri River to Minot were completed in the spring of 2009.

In August 2017, the District of Columbia District Court ruled on the case in favor of the United States Bureau of Reclamation and the State of North Dakota. Manitoba and Missouri both appealed the District Court's ruling to the United States Appellate Court for the District of Columbia Circuit. Manitoba and the Bureau of Reclamation entered into settlement negotiations, after which Manitoba withdrew its appeal. In May 2019, the Circuit Court upheld the District Court's Ruling. Missouri had until August 2019 to appeal the case to the Supreme Court but did not, thus ending nearly 17 years of litigation on the project.

The project is currently serving Berthold, Burlington, Kenmare, Mohall, Sherwood, Westhope, West River Water District, All Seasons Water District, Upper Souris Water District, and Minot (including North Prairie Water District connections and Minot Air Force Base) using an interim water supply from the City of Minot's ground water wells through an agreement with Minot.

Construction projects to deliver Missouri River water to the NAWS project are currently underway.

NDCC ch 61-24.6 contains the statutes dealing specifically with the NAWS project.

2 NAWS REPRESENTATION

The 68th North Dakota Legislative Assembly passed House Bill 1218 replacing the NAWS Project's Advisory Committee created in 1991 with the NAWS Authority (Authority), which was signed into law on April 12, 2023. The bill changed portions of NDCC ch. 61-24.6 and became effective on August 1, 2023. HB 1218 elevated the NAWS Advisory Committee to an Authority and puts it in line with the other regional systems in the state.

The NAWS Authority representatives include four representatives from the City of Minot, one representative of the North Prairie Regional Water District, one representative of the All Seasons Water Users District, one representative of the Upper Souris Water District, one representative of the cities with direct service from the project outside of Minot, one representative of the State Water Commission who resides in the Souris River basin, one non-voting representative of the Garrison Diversion Conservancy District (GDCCD), and one non-voting representative of the Turtle Mountain Band of Chippewa Indians. NDCC § 61-24.6-02.

The members of the Authority are recommended by their respective entities and are appointed by the State Water Commission. NDCC § 61-24.6-02. Authority members serve four-year terms. NDCC § 61-24.6-03. In addition, Authority members serve at the pleasure of the State Water Commission. NDCC § 61-24.6-03. Vacancies must be filled in the same manner as original appointments are made. NDCC § 61-24.6-03.

2.1 MEMBERS

City of Minot Representatives:

- Mayor, Mark Jantzer
- Finance Director, Dave Lakefield
- Utilities Director, Jason Sorenson
- Former Public Works Director, Dan Jonasson

North Prairie Regional Water Representative:

- General Manager, Craig Haskins

All Seasons Water Users District Representative:

- General Manager, Dan Schaefer

Upper Souris Water District Representative:

- Manager, Kristine Goettle

SWC Representative:

- Commissioner, Jason Zimmerman

Representative from cities with direct connection to NAWS:

- Bottineau City Superintendent, Tony Schwalbe

GDCD Representative:

- Board Member, Kenny Rodgers

Turtle Mountain Band of Chippewa:

- Ann Vallie, Project Coordinator

3 NAWS AUTHORITY RESPONSIBILITIES

NDCC § 61-24.6-03 notes that “the authority shall develop recommendations for the legislative management regarding the transition of long-term operations and management” of the NAWS project.

In addition, NDCC § 61-24.6-04 notes that the State Water Commission must consult with the Authority regarding the NAWS project.

4 OVERVIEW OF NAWS AUTHORITY MEETINGS

4.1 MEETINGS

NDCC § 61-24.6-03 notes that the “Authority shall elect a chairman and vice chairman and meet no less often than once per quarter at the times and places necessary to carry out the purposes” of the Authority. The Authority members may be reimbursed by their respective appointing entities for their mileage and expenses in the amount provided for by NDCC §§ 44-08-04 and 54-06-09.

Currently, the NAWS Authority meets every other month. The schedule for the NAWS Authority meetings can be found on the DWR website.

4.2 EXECUTIVE SESSIONS

Under the authority of N.D.C.C. § 44-04-19.1 and N.D.C.C. § 44-04-19.2, discussion pertaining to attorney work product, attorney consultation, and negotiation preparation may be held in executive session rather than in an open meeting. The executive session will be recorded, and all members of the governing body must limit their

discussion to the announced topic. Any final action by the NAWS Authority must occur after it reconvenes in an open meeting. The prohibition on taking final action during the executive session does not apply to providing guidance or instructions to the attorney.

5 OPEN MEETINGS/RECORDS

North Dakota law states that all government records and meetings must be open to the public unless otherwise authorized by specific law. The applicable laws regarding open records are found beginning at NDCC § 44-04-18. The applicable laws regarding open meetings are found beginning at NDCC § 44-04-19. The public has the right to know how government functions are performed and how public funds are spent.

5.1 OPEN MEETINGS

Anyone has the right to attend NAWS Authority meetings, regardless of where they live. All meetings of the Authority are open, unless a specific law authorizes the Authority to close a portion of the meeting or to hold an executive session.

A meeting is any gathering of a quorum of the members of a governing body of a public entity regarding public business. NDCC § 44-04-17.1(9). It includes committees, subcommittees, informal gatherings, fact-finding, work sessions, and discussions where a quorum of members are participating by phone or other electronic format either at the same time or in a series of individual contacts. Emails or text messages between members of a committee or subcommittee regarding public business may constitute a meeting and violate open meeting laws. If the NAWS Authority delegates any authority or assigns a task or portfolio to two or more people, it has created a committee that is subject to open records and meetings law, even if the committee does not have decision-making authority.

Training seminars and purely social gatherings attended by a quorum of a public entity are not meetings, however, as soon as the members discuss any public business, it becomes a meeting.

5.2 OPEN RECORDS

A record includes all recorded information regardless of physical form (e.g., paper, e-mail, computer file, photograph, audiotape or recording, video, text message, etc.) that has a connection with how public funds are spent or with the public entity's performance of its governmental functions or its public business, regardless of format or location. NDCC § 44-04-17.1(16). Minutes, memos, reports, outlines, notes, employee salary and job performance records, contracts, telephone records, and travel vouchers are all open records and must be provided upon request.

Anyone has the right to view or get a copy of public records, regardless of the reason or where they live. A request for public records can be made in any available medium. Generally, a public entity cannot ask why the records are requested, ask for

identification, or require a request be made in writing (or in person). However, a request must reasonably identify existing records. If a request is unclear, the entity may require written clarification, but cannot ask the requester's motive or identity. The entity can delay taking action until receiving written clarification.

6 CODE OF CONDUCT

The NAWS Authority members are expected to conduct themselves so as to inspire the confidence, respect, and trust of the people of North Dakota and to strive to avoid not only professional impropriety, but also the appearance of impropriety. Authority member conduct and actions reflect upon the integrity and professionalism of the Authority and the State Water Commission. Actions that bring into question the reputation of the NAWS Authority are expected to be avoided.

6.1 ACTIVE PARTICIPATION

NAWS Authority members are expected to exercise the duties and responsibilities of their positions with integrity, collegiality, and care. This includes:

- Making attendance at all meetings a high priority.
- Being prepared to discuss the issues and business on the agenda and having read all background material relevant to the topics at hand.
- Cooperating with and respecting the opinions of fellow Authority members, and leaving personal prejudices out of all board discussions, as well as supporting actions of the Authority even when the individuals personally did not support the action taken.
- Putting the interests of the Authority above personal interests.
- Representing the Authority in a positive and supportive manner at all times and in all places.
- Showing respect and courteous conduct in all Authority meetings.

7 HISTORY

Adopted: 05/28/2026

Effective: 05/28/2026

Previous Revision(s): No Revisions Available

TO: NAWS Authority Representatives
FROM: Reice Haase, Director
SUBJECT: NAWS High Service Pump Station Operations and Maintenance Agreement
DATE: May 21, 2026



For Reice Haase

The attached Operations and Maintenance Agreement between the City of Minot and Department of Water Resources for the High Service Pump Station remains in draft form; however, both parties are conceptually aligned on the terms and intent of the agreement.

I recommend the NAWS Authority authorize the Department of Water Resources and the City of Minot staff to finalize the agreement and present it to the Minot City Council and the North Dakota State Water Commission for approval.

RH:BH/237-4-AUTH
Attachment

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

1. PURPOSE

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

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

2. BACKGROUND

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

3. DEFINITIONS

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

Normal Maintenance is defined as routine, scheduled activities that keep the station operating safely, reliably, and efficiently.

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

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

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

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

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

4. EFFECTIVE DATE AND TERM OF AGREEMENT

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

5. ROLES AND RESPONSIBILITIES

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

5.1. City's Responsibilities:

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

- The City can change the set points on the SCADA system within the design parameters.
 - The City will discuss any changes to the set points or operational parameters on the SCADA system outside the design parameters with the Department before such changes are implemented.
- The City is responsible for the Operations of the four 350 hp pumps and the one 125 hp pump that serves the NAWS connections within the design parameters of the pumps. The pump curve indicates a max flow rate of 4,000 gallons per minute.
- The Operations of the four 350 hp pumps and the one 125 hp pump are set by City of Minot operators in consultation with Department input and controlled by the SCADA system.
 - The 350 hp and the 125 hp pumps will be operated between 140 – 145 psig. The City will discuss with the Department any changes outside of the noted range. In the event of an emergency, the City shall notify the Department's on call operator via phone call as soon as possible.
 - The City will notify the Department of any Normal Maintenance activity that could disrupt the Operations of the pumps that serves NAWS connections.
 - The City is responsible for acknowledging and investigating the SCADA alarms related to the HSPS.
 - The City will track the costs for the Operations, Normal Maintenance and Routine Preventative Maintenance of the HSPS including staff salaries, benefits, expenses for materials and services.

5.2. Department's Responsibilities:

- The Department is responsible for the electricity billing at the HSPS.
- The Department is responsible for insuring the facility and pay for the property insurance.
- The Department will reimburse the City its share of the Normal Maintenance and the Routine Preventative Maintenance of the HSPS in Section 6 below.
- The Department is responsible for the REM projects at the HSPS and it will be funded using the NAWS project's REM fund.
- The Department is responsible for managing the REM projects at the HSPS.

6. COST SHARING OF THE OPERATIONS AND MAINTENANCE OF HSPS

Based on the water usage data between 2020 – 2025, the proportion of the water usage between the City and the other NAWS connections is estimated as 87% - City and 13% -

|

other NAWS connections. Based on that estimate, the Department agrees to reimburse the City 13% of the Operations and Maintenance costs of the HSPS, in 2027. The proportion of the water usage between the City and the other NAWS connections will be estimated annually in January of each year using the prior 5 years of data and will be used for estimating the reimbursement percentage from the Department to the City.

LEGAL TERMS TO BE ADDED

DRAFT

Appendix A

Routine Preventative Maintenance

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

Pumps-

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

Motors-

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

Check Valves-

- Weekly- greasing

Crane Service-

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

HVAC-

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

Compressors-

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

Power Panels-

- Yearly- housekeeping and fuse inspection

Analyzer Maintenance-

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

Fire Alarm/ Detector-

- Yearly- test system & check batteries

Lights Interior/Exterior-

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

HSPS Building-

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

Perimeter Sump Pumps-

- Weekly- inspection running conditions and sump level

Generator-

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

HSPS Compound-

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

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TO: NAWS Authority Representatives
 FROM: Reice Haase, Director
 SUBJECT: NAWS Biota Water Treatment Plant Operations Update
 DATE: May 20, 2026


 For Reice Haase

Updates from last meeting are shown bold and italicized.

Construction of Phase I of the Northwest Area Water Supply Project (NAWS) Biota Water Treatment Plant (WTP) is progressing with substantial completion expected in summer 2026. The purpose of the facility is Boundary Waters Treaty compliance, making it a federal responsibility per Section 1(h) of the Dakota Water Resources Act of 2000, and therefore, is funded with federal funding for construction and operations, maintenance, and replacement. The City of Minot (City) will operate the Biota WTP to ensure coordination of the Biota WTP, Minot WTP, and Sundre and Minot wellfields. Multiple agreements are in place for the operation of the Biota WTP. The Biota WTP Operations and Maintenance agreement between the State Water Commission (State) and the City has been executed by all parties.

A three-party Memorandum of Agreement (MOA) was executed by the City, State, and Bureau of Reclamation (Reclamation) to define roles and responsibilities in the operation, maintenance, and replacement of the Biota WTP in December 2023. A Cooperative Agreement from Reclamation is necessary for the federal government to transfer funds for the operation, maintenance, and replacement of the Biota WTP. Department of Water Resources (DWR) submitted a request for financial assistance along with supporting documentation to the Dakota Areas Office in the amount of \$6,611,962.56. The request covered federal fiscal years (FFY) 2024, 2025, and 2026. DWR received the Cooperative Agreement in the amount of \$5,463,144 from Reclamation on September 19, 2024.

DWR staff and City staff have had multiple meetings with Reclamation's Dakota Areas staff to understand the requirements of the Cooperative Agreement and the reduction in the awarded federal funding. Reclamation noted that the reduction in federal funding is due to the federal government's estimation of the number of employees needed for operation of the Biota WTP being lower than the request included from the City. DWR staff and City staff will continue to discuss the staffing requirements at the Biota WTP with Reclamation.

The City of Minot has submitted ten reimbursement requests to DWR for operations and maintenance expenses related to the NAWS Biota WTP, covering the period from August 2024 through March 2026. One request for \$43,900 is currently being processed by DWR, while the remaining nine requests, totaling \$931,000, have been fully reimbursed to the City by DWR. Reclamation recently awarded \$1,477,000 to cover FFY 2026 expenses, following prior awards of \$1,932,225 for FFY 2025 expenditures and \$463,700 for FFY 2024 expenditures, for a total of \$3,872,925. DWR staff in coordination with City of Minot staff will submit a 2027 budget to Reclamation soon.

A revised schedule from the General Contractor was received with a substantial completion date of August 27, which will need to be further revised to include filter underdrain shipment delays. The schedule from the General Contractor does not include time required to complete the disinfection Work Change Directive (WCD).

Few WCDs that incorporate revisions required and approved by Department of Environmental Quality (DEQ) have been issued to the Contractor. 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. The informal bids are due back on May 27.

On August 18, 2026, a ribbon cutting event for the Biota WTP is being planned with leadership from the US Department of Interior.

DEQ notified DWR staff about the need for them to approve a Capacity Assessment document for the Biota WTP. DWR signed a specific authorization with the consulting engineer on March 11, 2025, to develop the document for submission to DEQ. The consulting engineer provided a first draft of the Capacity Assessment document to DWR on May 22, 2025. This was shared with DEQ and the comments from DEQ staff were addressed and a second draft was submitted on October 21, 2025. DEQ has reviewed the second draft and additional comments were provided by DEQ on October 28, 2025. The consulting engineer will continue to address the comments from DEQ. The document also requires operations and maintenance manuals for equipment at the facility and those will not be available until the Biota WTP nears substantial completion.

TO: NAWS Authority Representatives
FROM: Reice Haase, Director
SUBJECT: NAWS – Construction Update
DATE: May 20, 2026


 For Reice Haase

Updates from the last meeting memo are shown in bold italics.

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 is 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 has resulted in delays. Due to the design changes, a significant electrical related Work Change Directive (WCD No. 5) was issued to the Contractor on December 5, 2025.

The Contractor is making progress towards completion of the project. Startups of major electrical equipment including the Motor Control Center, Switchgear, and Variable Frequency Drives were completed. Issues identified during startups are currently being addressed. The installation of the discharge piping is complete. On May 14, 2026, pressure testing of the discharge tunnel piping was attempted when a leak developed at a dismantling joint gasket. After the pipe was drained to assess the leak, a section of the pipe shifted off its supports. On May 20, 2026, the pipe section was lifted and restored to its supports. The incident investigation remains ongoing to determine the root cause of the pipe displacement. 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. DWR continues to note the importance of completing the project in a timely manner before the Biota Water Treatment Plant is ready for water from the lake.

NAWS Snake Creek Pumping Plant Discharge Pipeline Contract 2-1E

Contract 2-1E includes the discharge pipeline that connects the Snake Creek Pumping Plant 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 has submitted a request for extension of the Substantial Completion date of November 25, 2026, due to the the lead time involved for the specified valve on the contract. The request from the Contractor is under review with Houston Engineering, Inc. (HEI), and they will provide a recommendation to DWR for consideration. The Contractor is proposing some changes to the site plan which required additional permission from the United States Army Corps of Engineers (USACE). *The Contractor's proposed changes have been discussed with USACE and Bureau of Reclamation staff. USACE has provided Section 408 approval for those changes while the regulatory permit is pending.*

Construction activities have commenced with work on the retention pond and temporary access road. Construction is expected to temporarily pause 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.

NAWS Contract 7-2A/4-1A Biota Water Treatment Plant (BWTP)

NAWS Contract 7-2A/4-1A generally includes construction of a new concrete, steel, and precast BWTP, for which contracts were awarded in February 2021 and the Notices to Proceed for the general and electrical construction were issued in March 2021. Site work, including excavation and grading, began in April 2021.

The General Contractor has removed the defective filter underdrains. Replacement underdrains were delivered on May 18, 2026, and initial installation activities are underway. Ovivo, the filter underdrain manufacturer, is scheduled to be on-site on May 26 to provide additional installation oversight.

The most recent schedule identified Substantial Completion at the end of August 2026 which does not include the time needed to accommodate the disinfection requirements from the North Dakota Department of Environmental Quality. The Contractor's schedule will also require revision due to at least a two-week delay associated with the filter underdrains delivery from the submitted schedule. A Change Order extending the contract's Substantial Completion date is expected to be issued in the near future.

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	7	\$ 1,233,300.92	\$ 39,060,500.92	3.3%
Electrical	6	\$ 755,137.37	\$ 7,343,518.37	10.3%
Mechanical	6	\$ 154,461.62	\$ 5,068,668.62	3.0%
UV	1	\$ -	\$ 707,125.00	0.0%
DAF	3	\$ (40,709.50)	\$ 1,803,160.50	-2.3%

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 totalling \$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 totalling a decrease of \$1,695.81 have been added to the Bottineau Pump Station Contract. HEI, Inc. 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. ***DWR staff have received some parts for the upgrade, but are still waiting for the antenna. The contract completion date will be amended once DWR has received all the required materials.***

RH/BH:237-4-AUTH

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TO: NAWS Authority Representatives
FROM: Reice Haase, Director
SUBJECT: NAWS Operations Update
DATE: May 20, 2026


For Reice Haase

Updates from the last meeting memo are shown in bold italics.

City of Minot Cybersecurity Breach:

On March 14, 2026, the City of Minot experienced a cybersecurity breach involving their firewall which resulted in a ransomware virus downloaded onto their system. City of Minot's and NAWS project's Supervisory Control Data and Acquisition (SCADA) had limited connectivity to share critical operational data. As a precaution, the connectivity was immediately terminated when the breach occurred.

Following the incident, extensive scans were completed on the NAWS server to verify that the NAWS SCADA system had not been compromised. All scans confirmed the system was secure, and the NAWS SCADA system was returned to full operation on March 17, 2026. During the period the NAWS SCADA system was offline, the system operations were maintained in "hydraulic" mode, which relies on local controllers to meet designated set points. This mode functioned effectively; however, without interconnecting communication, the overall system could not fully optimize performance.

Connectivity with the City of Minot's SCADA system remains disabled as a precaution. As a result, NAWS operations staff cannot view data points from the High Service Pump Station. This limitation has minimal short-term impact on NAWS operations.

Several fact-finding meetings have been held, and additional meetings will continue to develop an action plan. The objective is to address the following items:

1. Maintain separation between the Minot and NAWS SCADA systems from a connectivity standpoint, while still enabling the secure exchange of critical information.
2. Refine communication procedures to ensure a clear and efficient response in the event of a future security breach.
3. Conduct a detailed review of the NAWS SCADA system with subject matter experts to confirm the system is as robust and resilient as possible.

4. Continue knowledge sharing with the City of Minot to ensure both parties remain aligned on best practices and system management.

DWR is coordinating with its SCADA subconsultant to establish a secure backup process for the NAWS SCADA data. The SCADA subconsultant is also evaluating options to restore the shared data between the City of Minot and NAWS servers without directly connecting the servers.

High Service Pump Station:

As discussed in prior meetings, a 250 hp pump (City HSP#1) that became inoperable in March 2025 was rebuilt in August 2025, and another 250 hp pump (City HSP#3) that failed in August 2025 is currently at a shop facility in South Dakota for rebuild, with repairs expected to be completed soon. The Replacement and Extraordinary Maintenance (REM) fund was approved to cover the repair expenses for these two pumps. In mid-December, a 350 hp pump (NAWS HSP#1) also became inoperable. The pump and motor have been removed from the High Service Pump Station (HSPS); the motor has been rebuilt and returned to the HSPS, and the pump was transported to a South Dakota shop for repairs. Due to extensive repairs needed and hours logged on the pump, a quote was also received for a replacement pump. The replacement pump lead time is estimated at 10 - 15 weeks. A second quote was requested from an alternate supplier, as well as a different shop at Billings to rebuild the pump.

The machine shop in Billings specializes in vertical turbine pump repairs and subsequently provided 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, the shop has determined that both the upper bowl assembly, lower bowl assembly, and head shaft were beyond repair and require replacement. During procurement efforts for the replacement components, it was identified that the pump model is obsolete. The pump manufacturer is currently evaluating availability and preparing a quote for the required obsolete replacement parts.

Booster Pump Station #4, Pump #2 Variable Frequency Drive (VFD) replacement

DWR has executed a contract with B&G Electric for the Booster Pump Station #4, Pump #2 VFD replacement and the work is currently under progress.

All Seasons Water Users District (ASWUD) Capacity Request

DWR staff received a request for capacity confirmation from ASWUD. The request is for confirmation of NAWS's ability to supply a total flow rate of 1,250 gallons per minute for ASWUD's peak uses and projected demands under full buildout conditions for the Bottineau County Expansion. A meeting between ASWUD, DWR, and Houston Engineering Inc., (HEI) was completed to fully understand the request and the timeline for the need.

HEI noted to DWR that the existing NAWS distribution system and the current design for the Souris Reservoir and Pump Station does not have the capacity to deliver a total flow rate of 1,250 gallons per minute to ASWUD. DWR requested an analysis and Class V cost estimate from HEI for providing ASWUD with 1,250 gpm. HEI has determined that improvements to HSPS, Lansford Pump Station, and Bottineau Pump Station, an additional inline booster pump station east of Renville Corner, and revised Souris Reservoir and Pump station configuration are necessary to provide ASWUD with 1,250 gpm. The Class V cost estimate from HEI for these changes is approximately \$7 million. ASWUD has been informed about the analysis.

Potential Agreement with Garrison Diversion Conservancy District (GDCCD):

DWR staff will review the needs for emergency sequence of operations necessary at the Snake Creek Pumping Plant and determine if assistance from GDCCD staff is necessary for operations of the NAWS intake and an agreement will be drafted accordingly.

RH:BH/237-4-AUTH