

**State Water Commission Meeting  
Basement Conference Room (SWC Staff Only)  
900 E. Boulevard Ave.  
Bismarck, North Dakota  
June 8, 2021 - 1:00 p.m. CT**

Please join meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/651975869>

You can also dial in using your phone.

United States (Toll Free): 1-866-899-4679; Access Code: 651-975-869

**AGENDA**

- A. Roll Call (**no attachment**)
- B. Consideration of Agenda (**no attachment**)
- C. **Consideration of Minutes** \*\*
  - 1. **Draft Minutes for April 8, 2021, State Water Commission Meeting**
  - 2. **Draft Minutes for April 20, 2021, State Water Commission Meeting**
  - 3. **Draft Minutes for May 13, 2021, Joint Subcommittee Meeting**
- D. Financial Information
  - 1. Glossary of Terms
  - 2. Financial Reports
  - 3. Legislative Update
    - a. HB 1431 and HB 1425 with flow chart – Water Infrastructure Revolving Loan Fund
    - b. Loan Request Pre-approvals (**no attachment**)
    - c. HB 1020 – SWC Appropriation Bill
  - 4. **Carryover Approval** \*\*
- E. **Strategic Governance and Finance Study – Progress Update/Scope Adjustment** \*\*
- F. Southwest Pipeline Project
  - 1. **Contract 5-18 Taylor Elevated Tank Award** \*\*
  - 2. **City of Taylor – Agreement for Additional Capacity Cost Responsibility** \*\*
- G. Northwest Area Water Supply – Westhope Water Service Contract (**no attachment**)
- H. Purpose Funding Summary
- I. Flood Control and General Water
  - 1. **Valley City Permanent Flood Protection - \$150,000** \*\*
  - 2. **Cass County Drain 2 Channel Improvement Project - \$605,379** \*\*
  - 3. **Cass County Drain 40 Channel Improvements 2021 - \$320,017** \*\*
  - 4. **Richland County Drain 31 Reconstruction - \$174,771** \*\*
  - 5. **Upper Swan Creek Channel Improvements 2020 – \$698,468** \*\*
  - 6. **Walsh County Drain 31 Improvements - \$297,333** \*\*
  - 7. **Assiniboine River Basin Initiative 21-23 Biennium - \$100,000** \*\*
  - 8. **Red River Basin Commission 21-23 Biennium - \$200,000** \*\*
  - 9. **USGS Cooperative Monitoring Agreement - \$467,860** \*\*

- J. Water Supply
  - 1. **Bismarck – 43<sup>rd</sup> Avenue Expansion Phase I - \$584,000** \*\*
  - 2. **Garrison Diversion Conservancy District – Red River Valley WSP - \$17.25M** \*\*
  - 3. **Horace – District 2020-6 Water System Improvements - \$2,903,000** \*\*
  - 4. **Napoleon – Water Tower Replacement - \$177,000** \*\*
  - 5. **Watford City – 2019 Water Distribution 14<sup>th</sup> St NW - \$0** \*\*
  - 6. **Williston – 1<sup>st</sup> Avenue West Watermain - \$385,000** \*\*
  - 7. **Williston – Williston Square 33<sup>rd</sup> St and 9<sup>th</sup> Ave – \$818,900** \*\*
  - 8. **Western Area Water Supply – Phase 6 Stanley Phase II - \$8,225,000** \*\*
  
- K. Rural Water
  - 1. **Barnes Rural Water District – 2021 Storage Expansion - \$112,000** \*\*
  - 2. **East Central Regional Water District – Service to Grandin - \$1,550,000** \*\*
  - 3. **McLean-Sheridan Water District – McClusky Water Tower Replacement – \$274,000** \*\*
  - 4. **Northeast Regional Water District – Expansion Adams/Walsh RWD - \$210,000** \*\*
  - 5. **Turtle Mountain Public Utilities Commission – Membrane Treatment Expansion - \$1,036,800** \*\*
  
- L. **Drought Disaster Water Supply Program - \$1,000,000** \*\*
  
- M. **ND Drinking Water State Revolving Loan Fund – 2021 Intended Use Plan Addendum** \*\*
  
- N. Cost-Share Policy Modification and Process Update (**no attachment**)
  
- O. Web Grants Application Process Update (**no attachment**)
  
- P. Legal Updates (**Informational Only – no presentations**)
  
- Q. Project Updates (**Informational Only – no presentations**)
  - 1. Devils Lake
  - 2. Missouri River
  - 3. Mouse River
  - 4. Northwest Area Water Supply
  - 5. Southwest Pipeline Project
  
- R. Adjourn

**\*\* BOLD ITEMS REQUIRE SWC ACTION**

## **MINUTES**

### **North Dakota State Water Commission Bismarck, North Dakota**

**June 8, 2021**

The North Dakota State Water Commission (SWC or Commission) held a meeting via telephone conference on June 8, 2021. Governor Burgum called the meeting to order at 1:04 p.m. A quorum was present.

#### **STATE WATER COMMISSION MEMBERS PRESENT:**

Governor Burgum, Chairman  
Tom Bodine, Deputy Commissioner, ND Department of Agriculture, Bismarck  
Michael Anderson, Hillsboro  
Katie Hemmer, Jamestown  
Richard Johnson, Devils Lake  
Mark Owan, Williston  
Matthew Pedersen, Valley City  
Jay Volk, Bismarck  
Steven Schneider, Dickinson  
Jason Zimmerman, Minot

#### **OTHERS PRESENT:**

John Paczkowski, Interim State Engineer, and Chief Engineer-Secretary  
SWC Staff  
Jennifer Verleger, General Counsel, Attorney General's Office  
Approximately 95 people interested in agenda items.

### **CONSIDERATION OF AGENDA**

John Paczkowski, Interim State Engineer, requested agenda item "M" be moved to agenda item "G." The original agenda item G was removed from agenda.

### **CONSIDERATION OF DRAFT MEETING MINUTES**

The draft minutes for the following minutes were reviewed and approved with no modifications:

- April 8, 2021, Commission meeting
- April 20, 2021, Commission meeting
- May 13, 2021, Subcommittee meeting

**It was moved by Commissioner Schneider, seconded by Commissioner Hemmer, and unanimously carried, that the minutes for the April 8 and April 20, 2021, Commission meetings, and May 13, 2021, Subcommittee meeting be approved as presented.**

## **GLOSSARY OF TERMS**

John Paczkowski, Interim State Engineer, provided a Glossary of Terms as requested by the Commission at the April 2021 meeting. Commissioners requested financial terms such as expended, project expenditures, and remaining balance with relevant calculations be added.

### **SWC FINANCIAL REPORTS, HOUSE BILLS 1431, 1425, AND 1020**

The allocated program expenditures, financial reports, and financial spreadsheets were presented by Heide Delorme, Administrative Services Director (**APPENDIX A**). The oil extraction tax deposits into the Resources Trust Fund (RTF) total \$275.5M through May 2021. The revised revenue for the 2019-21 biennium is \$307M, which is \$126M below the original projected revenue for the biennium. \$1.5M is available for loans.

Heide clarified that the current legislative intent balance for the Red River Valley Water Supply Project after the June approval is \$6.6M. Commissioner Anderson requested clarification on a discrepancy of pending June cost-share requests in the amount of \$2.8M. Jeffrey clarified the discrepancy of pending June cost-share requests in the amount of \$2.8M was due to adjustments based on projects not provided or reviewed at the May 13, 2021, Subcommittee meeting. The difference was a result of adding project amounts since the May subcommittee with \$297,333 for Walsh County Water Resource District Drain 31 improvements, \$463,860 for USGS Cooperative Monitoring, \$1,036,800 for Rolette County Turtle Mountain project, and \$1,000,000 for Drought Disaster Livestock Water Supply Program.

Heide presented House Bills 1431 and 1425 with flow chart related to the funding process of the Water Infrastructure Revolving Loan Fund (WIRLF). The Commission will approve eligibility of projects, and project sponsors will receive the loan funds through the Bank of North Dakota (BND) if approved by BND. The Commission will also determine the loan term based on the type of project and the useful life of the assets.

Pat Fridgen, Planning and Education Division Director, stated that project sponsors would be required to present pre-approval loan documentation from BND prior to consideration of Commission approval for funding through the WIRLF. This would ensure the Commission does not approve a loan or cost-share for projects that may not be utilized because the local sponsor is not loan eligible. After pre-approval is received, project sponsors would then request state cost-share funding.

Heide stated that bond proceeds should be available from the BND and Public Finance Authority (PFA) by the end of the year. If cost-share requests are presented in August and October, project sponsors may have to utilize lines of credit to proceed with project funding until bond proceeds are available.

Governor Burgum requested DeAnn Ament, Director of the PFA, to provide information related to the availability of bond proceeds. DeAnn stated the PFA is currently working with the BND to provide bond anticipation notes and initial tools needed until the process is finalized. Governor Burgum stated the BND had recently received \$1B of the American Rescue Plan dollars and the capital was available for bond anticipation notes. Governor Burgum stated that if the PFA needed additional resources related to the bonding services, the Governor's office is available to assist with coordinating the resources.

Heide provided a brief summary of HB 1020 and clarified that the \$50M line of credit was for the Northwest Authority Water Supply project only. Carryover funds are no longer classified as current appropriations and are now classified as carryover authority. Governor Burgum stated that this change will better reflect the actual SWC budget appropriations. Governor Burgum suggested SWC staff provide historical data stating actual appropriations for new biennium funding only as opposed to the carryover funds brought forward each biennium which skews overall numbers.

### **CARRYOVER APPROVAL**

Heide Delorme presented a request for all 2019-21 program and general project unexpended obligation amounts, including all previous biennium carryovers, be carried over to the 2021-23 biennium. The actual carryover number will be provided in August.

Governor Burgum requested “general project unexpended obligation amounts” be added to the glossary.

After discussion, the following motion was made:

**It was moved by Commissioner Owan and seconded by Commissioner Anderson the Commission approve all 2019-2021 program and general project unexpended obligation amounts (which includes all previous biennium carryovers) be carried over to the 2021-2023 biennium, and the actual carryover amount be provided to Commission at the August 12, 2021, Commission meeting (if available). The approval is subject to the availability of funds.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

### **STRATEGIC GOVERNANCE AND FINANCE STUDY (STUDY)**

Jon Kelsch, Water Development Division Director, stated the completion date was recently extended to June 30, 2021, to provide extra time to incorporate recent legislative changes and analysis regarding smaller regional water systems. A fee increase of \$25,000 was requested to reflect the scope modification and additional estimated hours. The final contract price would be \$215,050.

Brent Bogar, Consultant, AE2S, stated that his team completing the final stages of the Study specifically related to bonding and its effect on the Resources Trust Fund. Updates to the financial models have been made to reflect future funding of water projects and meetings have been held to review levers with options to evaluate governance and finance. The workgroup is scheduled to meet June 9. A draft report will be available in the near future and the final report will be completed June 30, 2021.

The following motion was made:

**It was moved by Commissioner Johnson and seconded by Commissioner Volk the Commission authorize the Chief Engineer – Secretary to execute the amendment to the Contract for Services with AE2S/NEXUS.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**SOUTHWEST PIPELINE PROJECT (SWPP) – CONTRACT 5-18 TAYLOR TANK AWARD  
AND CITY OF TAYLOR AGREEMENT FOR ADDITIONAL  
CAPACITY COST RESPONSIBILITY**

Sindhuja S.Pillai-Grinolds, SWPP Project Manager, presented a request to award Contract 5-18 related to furnishing and installing a 300,000-gallon minimum capacity elevated tank to assist with SWPP's capacity and pressure needs. The request also includes a bid alternate for an additional 50,000-gallon minimum capacity tank. The additional 50,000-gallon capacity tank was included based upon the City of Taylor's (City) request to meet their fire flow needs and maintain the City's ability to provide service directly from the SWPP's elevated tank without becoming a demand customer. Demand customers pay double the capital repayment rate in their water rate. The City would be responsible for the costs associated with the additional capacity. The costs include the bid alternate amount and 14 percent of the construction administration and inspection costs.

Four bids were received and opened on May 26, 2021. Maguire Iron Inc. (Maguire) had the lowest bid regarding the base bid in the amount of \$1,750,000. The low bid for the bid alternate was also from Maguire for \$148,000. BW/AECOM reviewed the bids and determined that Maguire's bid was responsive. Maguire has previously built tanks for the SWPP and is a responsible bidder.

The City held a special meeting on May 27, 2021, and voted to request the SWC award Contract 5-18 with the bid alternate and pay associated costs.

Sindhuja informed the Commission that because of the availability of uncommitted funding in the allocated SWPP funds, no new funding allocation was requested for the award of Contract 5-18. The recommendation was to award Contract 5-18 to Maguire in the amount of \$1,898,000 based on the base bid with bid alternate.

Sindhuja also presented the draft agreement between the Southwest Water Authority (SWA), SWC, and the City regarding the cost responsibility for additional capacity. The agreement states that the City is responsible for the bid alternate costs at \$148,000 and the proportional cost (14 percent) of construction administration and inspection expenses estimated at \$28,000.

Commissioner Johnson asked if a Life Cycle Cost Analysis (LCCA) was completed and if fire flow and additional capacity was included in the agreement. John Paczkowski clarified that an LCCA was not required because the SWPP is a state-owned project. Sindhuja clarified that the first motion would allow the SWPP award Contract 5-18, and the second motion would allow the execution of the agreement between the SWA, SWC, and the City for additional capacity cost responsibility.

There was further discussion regarding the possible requirement of state-owned projects to also provide LCAs for projects.

Sindhuja clarified that an elevated tank was needed for this project to provide the necessary pressure for current and future customers. Ground storage with pump option was not reviewed for this particular project because SWPP's design criteria states that most portions of the

distribution system will be pressured by gravity. The elevated tank will serve over 300 customers. Underground booster pumps are typically used for a smaller number of customers.

Sindhuja also clarified that the City decided to pursue the capacity of the SWPP's elevated tank as they are planning to replace their existing ground storage and pumps with other options in the future. Paying for capacity in the new elevated tank will preserve the City's customer status with SWPP. The City will review their fire flow needs and additional distribution needs in the future. The City's current focus is to get the connection from the elevated tank for more reliable water supply.

Sindhuja reiterated the formula used for determining the City's proportional costs for construction administration expenses and confirmed the agreement did not hold the City responsible for change orders. Cost overruns on the contract will be covered by the SWC. The City is only responsible for the additional capacity costs. Even though an LCCA was not completed, Sindhuja stated that the payback for the City, utilizing SWPP's elevated tank (\$176,000) is less than 17 years. This was estimated utilizing the City's 2020 water usage, current water rates, and approximate electricity costs for the City's existing pumping system.

Governor Burgum stated that including differences in the LCCA requirements in the comparison matrix of governance models of different systems of the state in the Study would be helpful for the Commissioners.

The following motions were made:

**It was moved by Commissioner Zimmerman and seconded by Commissioner Bodine the Commission authorize the Chief Engineer and Secretary to 1) award SWPP Contract 5-18 – to Maguire Iron Inc., in the amount of \$1,898,000 based on base bid with the bid alternate. The award of SWPP Contract 5-18 contract will be dependent upon legal review of the contract documents; and**

**2) execute the agreement between the City and SWC and SWA for additional capacity cost for the City.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. Commissioner Schneider abstained. There were no nay votes. The motion carried.**

**ND DRINKING WATER STATE REVOLVING LOAN FUND (DWSRF) –  
2021 INTENDED USE PLAN (IUP) ADDENDUM**

Shannon Fisher, Program Manager ND Department of Environmental Quality (Department) presented the IUP addendum (**APPENDIX B**) for approval. The original 2021 IPU was approved by the Commission on December 11, 2020.

The previous approval enabled the Department to apply to the Environmental Protection Agency (EPA) for additional federal capitalization grant funds for the DWSRF of \$11,001,000 for FY2021 and to administer and disburse DWSRF funds pursuant to the 2020 project list and IUP.

Three additional projects were requested to be added to the comprehensive priority list, and the additional amendments were made:

- Update the 2021 capitalization grant amount and mandatory additional subsidization
- Allow the Department the option to use administrative funds to meet state match requirements
- Use administrative funds rather than capitalization grant funds for administration and technical assistance activities
- Correct the date that the quarterly market interest rate for bonds was recorded

There were no questions and the following motion was made:

**It was moved by Commissioner Hemmer and seconded by Commissioner Owan the Commission approve the amended IUP to enable continued DWSRF assistance for needed drinking water projects statewide.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

### **PURPOSE FUNDING SUMMARY**

Jeffrey Mattern, SWC Engineer Manager, presented the purpose funding summary of overall appropriations available for June cost-share requests.

Jeffrey stated that carryover funds can be used for current projects if funds are turned back before the close of the 2019-21 biennium, June 30, 2021. 2021-23 biennium funds were made available through HB 1020, effective April 28, 2021.

### **STATE COST-SHARE REQUESTS**

#### **FLOOD CONTROL AND GENERAL WATER PROJECTS**

Julie Prescott, SWC Cost-Share Program Manager, presented the requests for the Flood Control and General Water projects.

#### **VALLEY CITY PERMANENT FLOOD PROTECTION - \$150,000 (SWC Project No. 1504)**

Valley City requested cost-share for the purchase of an existing 5,000 square foot cold storage building to store removable aluminum floodwall panels and associated hardware used as components in Valley City's permanent flood protection project. The building is expected to accommodate panels from all phases of the project.

An economic analysis was not required for this property purchase because it is considered part of Valley City's overall permanent flood protection project, which predates state economic analysis requirements.

The cost to purchase the property, improve site access, and complete required planning and zoning activities is \$250,000, all of which is considered eligible for cost-share. Per Commission policy, cost-share for flood control projects with no federal participation is 60 percent of eligible costs. Valley City is requesting 80 percent cost-share of eligible costs for this project, which would be a cost-share amount of \$200,000. Previously granted cost-share approvals of 80 percent by the Commission have been justified by Valley City's ability to pay the local share following flood fights, and primarily because of Devils Lake outlet-related impacts. This building is not subject to outlet-related impacts.

The project meets the requirements of the Commission's cost-share policy. The recommendation was 60 percent cost-share of eligible costs for a cost-share amount of \$150,000.

Pat Fridgen clarified that an Economic Analysis (EA) was not required for this particular cost-share request because this project pre-dated the EA requirement and the Legislature clearly stated EAs were not required for larger projects already approved for funding. Pat also clarified that the reason for the recommended 60 percent cost-share rather than the requested 80 percent cost-share, was due to the fact that the facility was not located near the river, and there wasn't demonstration that Valley City's ability to pay was an issue.

There was further discussion on overall storage of flood wall protection and whether or not storage facilities are needed. Depending on type of flood wall, flood gate, or stop log protection, some may be left outside without worry of deterioration.

Commissioner Pedersen stated that the original plan was to build a new facility. The original cost-share request was denied in 2016, and is now requested and completed with cost savings through the possibility of purchasing an existing building.

After discussion, the following motion was made:

**It was moved by Commissioner Schneider and seconded by Commissioner Anderson the Commission approve the request of Valley City for \$150,000 at 60 percent of eligible costs from funds appropriated to the agency for the 2019-21 biennium. The approval is contingent on available funding.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

Governor Burgum requested the following agenda items (12-16) be presented and one motion be made for approval of projects. The cost-share requests are related to channel and drain improvement projects previously presented but tabled because a 2020 ND Attorney General opinion suggested they were not eligible for funding. House Bill 1437 provided the Commission with the ability to once again cost-share on drainage improvements. The projects up for consideration were all approved at 45 percent cost-share, with the exception of Cass County Drain 40, which is eligible for 29 percent of eligible costs because of prorating the rural component of the project. John Paczkowski confirmed that funding is available for the projects.

**CASS COUNTY DRAIN 2 CHANNEL IMPROVEMENT PROJECT - \$605,379  
(SWC Project No. 1064)**

Kurt Lynse, Moore Engineering, clarified that all rights-of-way easements have been acquired.

**CASS COUNTY DRAIN 40 CHANNEL IMPROVEMENTS 2021 - \$320,017  
(SWC Project No. 1090)**

Kurt Lynse clarified that all purchase agreements are in place, but closings have not been completed. This will not impact the construction schedule. Cass County requested approval of funding prior to the final acquisitions.

**RICHLAND COUNTY DRAIN 31 RECONSTRUCTION - \$174,771  
(SWC Project No. 2084)**

There were no questions.

**UPPER SWAN CREEK CHANNEL IMPROVEMENTS 2020 - \$698,468  
(SWC Project No. 2157)**

There were no questions.

**WALSH COUNTY DRAIN 31 IMPROVEMENTS - \$297,333  
(SWC Project No. 1975)**

There were no questions.

The following motion was made:

**It was moved by Commissioner Bodine and seconded by Commissioner Zimmerman the Commission approve the following requests contingent on availability of funding for the 2019-21 biennium:**

- **Rush River Water Resource District Cass County Drain 2 for \$605,379 at 45 percent of eligible costs;**
- **Southeast Cass Water Resource District Cass County Drain 40 for \$320,017 at 29 percent of eligible costs;**
- **Richland County Water Resource District Drain 31 for \$174,771 at 45 percent of eligible costs;**
- **Maple River Water Resource District Upper Swan Creek Channel for \$698,468 at 45 percent of eligible costs; and,**
- **Walsh County Water Resource District Drain 31 for \$297,333 at 45 percent of eligible costs.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**ASSINIBOINE RIVER BASIN INITIATIVE (ARBI) 21-23 BIENNIUM - \$100,000  
(SWC Project No. AOC/ASS)**

Wanda McFadyen, Executive Director, ARBI, provided a brief update. The matching contribution of funds from Manitoba was received. The ARBI will be monitoring drought conditions and continue working on flood retention and ground water opportunities.

**RED RIVER BASIN COMMISSION (RRBC) 21-23 BIENNIUM - \$200,000  
(SWC Project No. AOC/RRBC)**

Julie Goehring, South Basin Manager, RRBC, provided a brief update. The RRBC continues work on the long-term flood solutions update, obtaining federal funding/grants for modeling and symmetry programs, and the scheduling meetings in September (Fargo) and January (Winnipeg).

There were no questions and the following motions were made:

**It was moved by Commissioner Owan and seconded by Commissioner Anderson the Commission approve the following requests:**

- 1) **Approve funding for the ARBI's 21-23 biennium in an amount not to exceed \$100,000. Funding is contingent upon the availability of funding for the 2021-23 biennium and a matching contribution from the province of Manitoba.**

- 2) **Approve funding for the RRBC's 21-23 biennium in an amount not to exceed \$200,000. Funding is contingent upon the availability of funding for the 2021-23 biennium and matching contributions from the state of Minnesota and the province of Manitoba.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

#### **USGS COOPERATIVE MONITORING AGREEMENT - \$463,860**

Chris Bader, Water Appropriation Division Director, presented a funding request for the USGS Cooperative Monitoring Program, and to add two additional stream gage sites. The recommendation was to approve the FY 2022 (July 1, 2021-June 30, 2022) joint funding arrangement with the USGS and add the additional gage sites.

After discussion, the following motion was made:

**It was moved by Commissioner Zimmerman and seconded by Commissioner Volk the Commission approve the FY2022 (July 1, 2021-June 30, 2022) joint funding arrangement with the USGS North Dakota Water Science Center not to exceed \$463,860 and to approve the stream gage sites located at Cherry Creek watershed and Tobacco Garden watershed. Funding is contingent on the availability of General Water funding for the 2019-21 biennium.**

**Commissioners Anderson, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. Commissioner Hemmer was absent. There were no nay votes. The motion carried.**

#### **WATER SUPPLY AND RURAL WATER PROJECTS**

Jeffrey Mattern presented the requests for the Water Supply and Rural Water projects.

#### **BISMARCK – 43<sup>RD</sup> AVENUE EXPANSION PHASE I - \$584,000 (SWC Project No. 2050BIS)**

Bismarck requested cost-share for construction of the 43<sup>rd</sup> Avenue Water System Expansion Phase 1 project to help meet water system demands in Bismarck's north service zones, where shortages have occurred in recent years due to population growth. The watermain is being completed in conjunction with Burleigh County's road project in order to reduce road construction costs.

The project was bid March 12, 2021, with the watermain construction originally expected to begin June 2021. The contractor was unable to begin the road portion and the schedule changed to begin installation of the watermain in May, because of project delays due to procurement issues. The request included the approval of costs incurred in May 2021 be eligible for cost-share. The total eligible cost is \$973,333, with 60 percent cost-share of \$584,000.

The project was not presented in the 2019 Water Development Plan but meets requirements of the Commission's cost-share policy for municipal water supply projects. The recommendation was to approve the cost-share request to include eligible costs incurred in May 2021.

After discussion, the following motion was made:

**It was moved by Commissioner Volk and seconded by Commissioner Johnson the Commission approve the request from Bismarck for state cost-share participation at 60 percent of eligible costs, for the 43<sup>rd</sup> Avenue Water System Expansion Phase 1, with cost-share not to exceed \$584,000, including eligible costs incurred in May 2021. The approval is contingent on available funding for the 2019-2021 biennium.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**GARRISON DIVERSION CONSERVANCY DISTRICT – RED RIVER VALLEY WATER SUPPLY PROJECT - \$17.25M  
(SWC Project No. 325)**

The Garrison Diversion Conservancy District (District) requested additional cost-share for Red River Valley Water Supply Project (RRVWSP) construction contracts. Additional cost-share was requested for the Missouri River intake wet well shaft liner, screen structure, and main tunnel. The total estimated cost is \$23M.

The 2017-2019 biennium Senate Bill 2020 had legislative intent to provide up to \$13M to initiate construction of phase one prioritized project features. Also included was intent to provide no more than \$30M during the 2019-2021 and 2021-2023 biennia, at 75 percent cost-share. The total legislative intent is \$43M. The Commission approved funding for \$6,880,000 on October 8, 2020, \$9,520,000 on December 11, 2020, and \$2,750,000 on February 11, 2021, totaling \$19,150,000 and leaving an intent balance of \$23,850,000.

The total eligible cost is \$23M for an additional 75 percent cost-share of \$17,250,000, totaling \$22,817,500 cost-share for the Missouri River Intake wet well structure and leaving an intent balance of \$6,600,000. The project meets requirements of the Commission's cost-share policy for regional water supply projects and the recommendation was to approve the cost-share request.

After discussion, the following motion was made:

**It was moved by Commissioner Pedersen and seconded by Commissioner Anderson the Commission approve the request from the District for state cost-share participation at 75 percent of eligible costs for the RRVWSP for an additional amount of \$17,250,000, with total cost-share not to exceed \$36,400,000. The approval is contingent on available funding for the 2019-2021 biennium.**

**Commissioners Anderson, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. Commissioner Hemmer was absent. There were no nay votes. The motion carried.**

**HORACE – DISTRICT 2020-6 WATER SYSTEM IMPROVEMENTS - \$2,903,000  
(SWC Project No. 2050HOR)**

Horace is requested construction cost-share for a variety of improvements to their distribution system, including complete and partial replacement of gate valves, curb stops, meters, hydrants, watermains, and service lines.

The total eligible cost is \$5,088,30, with 60 percent cost-share of \$3,053,000. Pre-construction cost-share of \$150,000 was awarded in February 2021. The project was not presented in the 2019 Water Development Plan but meets requirements of the Commission's cost-share policy for municipal water supply projects. The recommendation was to approve the cost-share request.

After discussion, the following motion was made:

**It was moved by Commissioner Volk and seconded by Commissioner Johnson the Commission approve the request from Horace for state cost-share participation at 60 percent of eligible costs, for an additional cost-share of \$2,903,000, with total cost-share not to exceed \$3,053,000. The approval is contingent on available funding for the 2019-2021 biennium.**

**Commissioners Anderson, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. Commissioner Hemmer was absent. There were no nay votes. The motion carried.**

**NAPOLEON – WATER TOWER REPLACEMENT - \$177,000  
(SWC Project No. 2050NAP)**

Napoleon requested pre-construction cost-share for a 400,000-gallon elevated storage tank to replace an existing 50,000-gallon elevated tank at a higher elevation and extension of the current watermain to the new water tower.

The total eligible pre-construction cost is \$295,000, with 60 percent cost-share of \$177,000. The local share would be from a USDA Rural Development loan. The project was not presented in the 2019 Water Development Plan but meets requirements of the Commission's cost-share policy for municipal water supply projects. The recommendation was to approve the cost-share request.

After discussion, the following motion was made:

**It was moved by Commissioner Hemmer and seconded by Commissioner Schneider the Commission approve the request from Napoleon for state cost-share participation at 60 percent of eligible costs, with the total not to exceed \$177,000. The approval is contingent on available funding for the 2019-2021 biennium.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**WATFORD CITY – 2019 WATER DISTRIBUTION 14<sup>TH</sup> ST NW - \$0  
(SWC Project No. 2050WAT)**

Watford City requested a modification to the scope of the approved Water Distribution 2019 Project, with no additional cost-share being requested. The current project was approved for the construction of a watermain in the northern area of town and Watford City would like to relocate the watermain in order to combine with McKenzie County Water Resource District to utilize an increased pressure zone. The project was approved for 60 percent cost-share of \$541,100 in December 2019.

The total eligible is \$820,176 with 60 percent cost-share of \$492,100. The request is for approval to use previously approved cost-share toward the proposed project under the change of scope. The recommendation was to amend the Water Distribution 2019 scope with no additional cost-share.

After discussion, the following motion was made:

**It was moved by Commissioner Johnson and seconded by Commissioner Zimmerman the Commission approve the request from Watford City to amend the Water Distribution 2019 scope to include 14<sup>th</sup> Street NW with no additional cost-share. The approval is contingent on available funding for the 2019-2021 biennium.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**WILLISTON – 1<sup>ST</sup> AVENUE WEST WATERMAIN - \$385,000  
WILLISTON – WILLISTON SQUARE 33<sup>RD</sup> ST AND 9<sup>TH</sup> AVE – \$818,900  
(SWC Project No. 2050WLL)**

Williston requested construction cost-share for 1<sup>st</sup> Avenue West watermain for the replacement of 10 blocks of 8-inch and 6-inch aging watermains, and construction cost-share for watermains in Williston Square for the extension of 10-inch and 8-inch watermains to further expand water services, specifically for the future Sanford Hospital. The projects will not be bid until early 2022 or completed until late 2022.

David Juma, Williston City Engineer, stated the request was presented now because funding needed to be secured from the Commission because the projects were not included in Williston's capital improvement plan. After more discussion it was determined the project is not in the 2021 Water Development Plan, which Commission prioritization guidance is the Water Commission will give funding preference to projects designated as higher priorities for the first 12 months of each budget cycle, which meant Williston's request may not have been considered until spring of 2022.

The Commission further discussed the fact that the projects were not planned to be bid for construction this year, not included in the current 2019-21 Water Development Plan (Plan), and not included in the 2021-23 Plan.

Pat Fridgen clarified that the Commission typically funds projects included in the current biennium Plan and by highest priority for the first several months of each biennium. Projects not included in the Plan are typically brought to the Commission after the December meeting because projects listed in the Plan have had a chance to be considered and this allows the funding to be opened to new high priority or non-plan projects. Governor Burgum requested SWC staff review the number of projects that received funding during the 2019-21 biennium that were not presented in the Plan. Pat will present the figures at the close of the biennium.

Pat explained the process of submitting projects for inclusion in each biennial Plan, and explained that not all projects are captured due to timing of the process and that sponsors simply do not know about some projects that develop a need before the deadline to submit.

Pat and John Paczkowski clarified that there was funding available for these projects from the current 2019-21 authority, or the projects could be presented at a later Commission meeting for 2021-23 authority.

Governor Burgum requested SWC staff prepare graphs for 2019-21 biennium detailing the end of project funding for each bucket and where authority was available or not for each bucket to better illustrate the funding limitations tied to the specific amounts allocated to each bucket. Governor Burgum also requested the Commission review additional options for project sponsors to submit projects to the Plan after established deadlines.

After further discussion, the following motion was made:

**It was moved by Commissioner Hemmer and seconded by Commissioner Owan the Commission table the requests from Williston for funding 1<sup>st</sup> Avenue watermain reconstruction and Williston Square watermain expansion until the projects are ready for bid with estimated completion date.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**WESTERN AREA WATER SUPPLY AUTHORITY (WAWSA) – PHASE 6 STANLEY PHASE II - \$8,225,000 (SWC Project No. 1973)**

The WAWSA requested additional cost-share toward construction costs of the Phase 6 – Stanley Phase II project.

The total eligible cost is \$11,726,800 with 75 percent cost-share of \$8,795,000. Previous preconstruction cost-share was approved for \$570,000, leaving an additional \$8,225,000 for the current request with total Phase 6 cost-share of \$30,289,000. The project meets requirements of the Commission’s cost-share policy for regional water supply projects and the recommendation was to approve the cost-share request.

After discussion, the following motion was made:

**It was moved by Commissioner Zimmerman and seconded by Commissioner Bodine the Commission approve the request from WAWSA for state cost-share participation at 75 percent of eligible costs for the Phase 6 – Stanley Phase II Project for an additional amount of \$8,225,000, with total cost-share for all Phase 6 project costs not to exceed \$30,289,000. The approval is contingent on available funding from 2019-2021 biennium.**

**Commissioners Anderson, Hemmer, Johnson, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. Commissioner Owan abstained. There were no nay votes. The motion carried.**

**BARNES RURAL WATER DISTRICT – 2021 STORAGE EXPANSION - \$112,000  
(SWC Project No. 2050BAR)**

Barnes Rural Water District (District) requested cost-share for pre-construction to add an additional 100,000 gallons of water storage to four existing reservoirs to accommodate previous growth in the service area.

The total eligible cost of pre-construction is \$149,333 with 75 percent cost-share of \$112,000. The project was not presented in the 2019 Water Development Plan but meets requirements of the Water Commission's cost-share policy for rural water supply projects. The recommendation was to approve the cost-share request.

After discussion, the following motion was made:

**It was moved by Commissioner Schneider and seconded by Commissioner Bodine the Commission approve of the request from Barnes Rural Water District for 75 percent cost-share participation of \$112,000. The approval is contingent on available funding for the 2019-2021 biennium.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**EAST CENTRAL REGIONAL WATER DISTRICT - SERVICE TO GRANDIN - \$1,550,000  
(SWC Project No. 2050EAS)**

East Central Regional Water District (District) requested cost-share for engineering and construction of a rural water pipeline from the water treatment plant at Hillsboro to Grandin. The project would allow Grandin to regionalize with the District, allow an emergency water supply for Hillsboro, and additional capacity.

In February 2021 \$90,000 was approved for pre-construction costs. The total eligible cost is \$2,186,667 with 75 percent cost-share of \$1,640,000, requiring additional cost-share of \$1,550,000, with \$900,000 from 2019-2021 funds and \$650,000 from 2021-2023 funds. The project was not presented in the 2019 Water Development Plan but meets requirements of the Commission's cost-share policy for rural water supply projects. The recommendation was to approve the cost-share request.

**It was moved by Commissioner Johnson and seconded by Commissioner Schneider the Commission approve the request from East Central Regional Water District for an additional 75 percent state cost-share participation of \$1,550,000, with total cost-share not to exceed 1,640,000. The approval is contingent on available funding of \$1,100,000 from 2019-2021 biennium funding and \$450,000 from carryover funding.**

**Commissioners Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. Commissioner Anderson abstained. There were no nay votes. The motion carried.**

**MCLEAN-SHERIDAN WATER DISTRICT – MCCLUSKY WATER TOWER REPLACEMENT  
– \$274,000  
(SWC Project No. 2050MCL)**

McLean Sheridan Rural Water District (District) requested cost-share for pre-construction costs to construct a shared 400,000-gallon water tower near McClusky to increase the

storage capacity for the District and build a pumping station to distribute water to the rural water system's reservoirs, as well as provide additional pressure and storage.

The total eligible cost of pre-construction cost is \$365,334 with 75 percent cost-share of \$274,000. The project was presented in the 2021 Water Development Plan as a low priority and meets requirements of the Commission's cost-share policy for rural water supply projects. The recommendation was to approve the cost-share request.

**It was moved by Commissioner Zimmerman and seconded by Commissioner Bodine the Commission approve the request from McLean Sheridan Rural Water District for 75 percent state cost-share participation of \$274,000. The approval is contingent on available funding for the 2021-2023 biennium.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**NORTHEAST REGIONAL WATER DISTRICT - EXPANSION ADAMS/WALSH RWD - \$210,000 (SWC Project No. 2050NOE)**

Northeast Regional Water District (District) requested cost-share for construction of a rural water pipeline from Adams to the District's transmission line and will provide additional water supply capacity. The increased capacity would allow the District to serve Walsh Rural Water District users, and save future costs when Walsh Rural Water District connects to the District's pipeline under a future project.

The total eligible is \$280,000 with 75 percent cost-share of \$210,000. The project was presented in the 2021 Water Development Plan as a high priority and meets requirements of the Commission's cost-share policy for rural water supply projects. The recommendation was to approve the cost-share request.

**It was moved by Commissioner Zimmerman and seconded by Commissioner Bodine the Commission approve the request from Northeast Regional Water District for 75 percent state cost-share participation of \$210,000. The approval is contingent on available funding of \$36,000 from carryover funding, \$14,000 from 2019-2021 biennium funding, and \$160,000 from 2021-2023 biennium funding.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

**TURTLE MOUNTAIN PUBLIC UTILITIES COMMISSION – MEMBRANE TREATMENT EXPANSION - \$1,036,800 (SWC Project No. 2050TUR)**

Rolette County Commission (County) requested cost-share for construction costs for Turtle Mountain Public Utilities (TMPU) - Membrane Treatment Expansion Project to add a dual membrane system.

The project is receiving grant funding of \$9,092,525, with \$1,700,000 from US Bureau of Reclamation and \$7,329,525 from USDA Rural Development. The total eligible is \$1,382,390 with 75 percent cost-share of \$1,036,800. The project was presented in the 2021 Water Development Plan as a low priority and meets requirements of the Commission's cost-share

policy for rural water supply projects. The recommendation was to approve the cost-share request.

The County and TMPU have signed a memorandum of understanding (MOU) in order for the County to submit the request on behalf of TMPU. Jennifer Verleger, Assistant Attorney General, stated the MOU meets statute requirements, and the County is the local sponsor.

Ken Azure, TMPU Director, clarified that the outstanding agreement between the Turtle Mountain Tribe and All Seasons Water Users District (All Seasons) involving easements needed for completion of an All Seasons water project is currently being reviewed and will be signed in the near future. Reice Haase, Policy Advisor, Governor's Office, also stated that the expectation is the agreement will be signed.

After discussion, the following motion was made:

**It was moved by Commissioner Johnson and seconded by Commissioner Schneider the Commission approve the request from Rolette County Commission for 75 percent state cost-share participation of \$1,036,800. The approval is contingent on available funding for the 2021-2023 biennium and the easement agreement being signed between All Seasons and Turtle Mountain Tribe.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

#### **DROUGHT DISASTER LIVESTOCK WATER SUPPLY PROGRAM (PROGRAM)**

Steve Best, SWC Water Resource Planner, requested an additional \$1M to fund the Program. Approximately 481 projects involving 337 producers had been approved in the amount of \$1.9M, with a remaining balance of \$140,000 in available funding.

Commissioners stated their full support of the Program and thanked the SWC staff for their continued hard work and timely approval of funds to producers. An immediate need is being met and resilience is being built through this difficult time.

After discussion, the following motion was made:

**It was moved by Commissioner Johnson and seconded by Commissioner Hemmer the Commission approve an additional \$2M in 2019-2021 general water funds for the Program. The additional funding, along with previous approvals, provides a total commitment of \$4,071,055 to the 2021 Program.**

**Commissioners Anderson, Hemmer, Johnson, Owan, Pedersen, Schneider, Volk, Zimmerman, Bodine, and Governor Burgum voted aye. There were no nay votes. The motion carried.**

#### **COST-SHARE POLICY MODIFICATION AND PROCESS UPDATE**

Due to time constraints, there was no update and the item will be presented at the August meeting.

## **WEB GRANTS APPLICATION PROCESS UPDATE**

Due to time constraints, there was no discussion and the item will be presented at the August meeting. Pat Fridgen did state that progress was being made and BND will go live with the Web Grant platform in the near future. The SWC will utilize the system after it has been tested for several months.

## **LEGAL UPDATE**

Due to time constraints, there was no update.

## **PROJECT UPDATES**

SWC staff provided brief updates on the following projects:

- Tim Dodd, Water Resource Engineer, Devils Lake Outlet
- Chris Korkowski, Water Resource Engineer, Missouri and Mouse Rivers

## **OTHER DISCUSSION**

Governor Burgum thanked members of the State Water Commission for their service and announced the eight appointed Commission positions are now open for applications.

The eight members are appointed to six-year terms by the governor and provide regional representation on the Commission. Under state law, they are considered to have resigned effective January 1 of the first year of each four-year term of the governor.

Burgum, who began his second term December 15, accepted the members' statutorily triggered resignations, and announced the positions would be open for applications, including from current members who wish to continue serving.

One of the eight members, Commissioner Steven Schneider, who represents the Little Missouri, upper Heart and upper Cannonball river basins, resigned from the Commission on May 13.

For purposes of continuity, the governor is required to reappoint three of the current members to fill out their terms. Pursuant to statute, all commissioners shall continue to serve until the governor's appointments or reappointments have been named. All current commissioners were eligible to reapply. The governor will accept applications for the open commission seats until Thursday, July 15.

In addition, the state will soon begin accepting applications for director of the North Dakota Department of Water Resources, established as the primary state water agency with the passage and signing of House Bill 1353 in April. The new director will hire and oversee the State Engineer and the staff of Department of Water Resources.

There being no further business to come before the Commission, Governor Burgum adjourned the meeting at 5:31 p.m.



---

Doug Burgum, Governor  
Chairman, State Water Commission



---

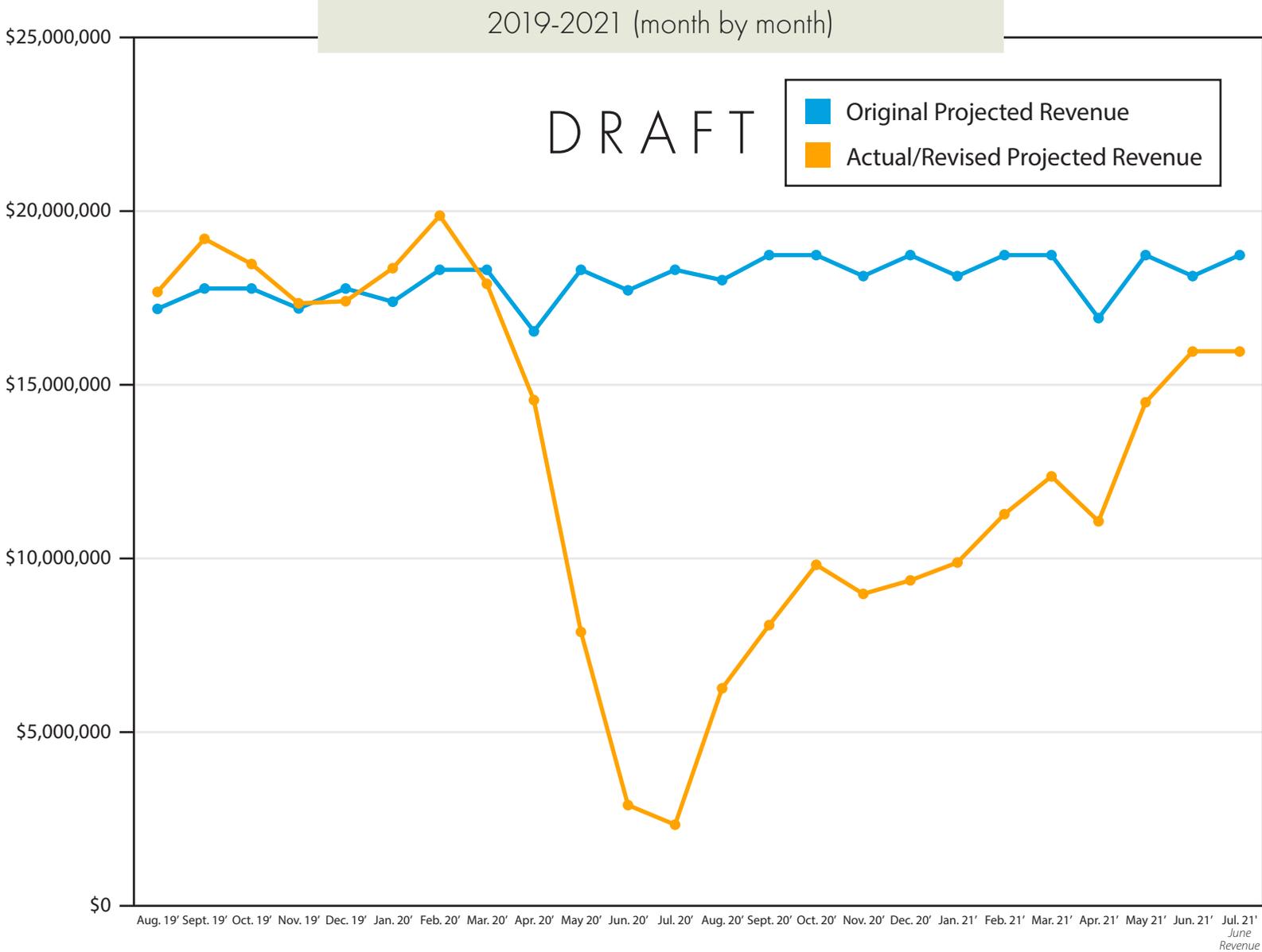
John Paczkowski, P.E.  
Interim North Dakota State Engineer,  
and Chief Engineer-Secretary  
to the State Water Commission

# APPENDIX A

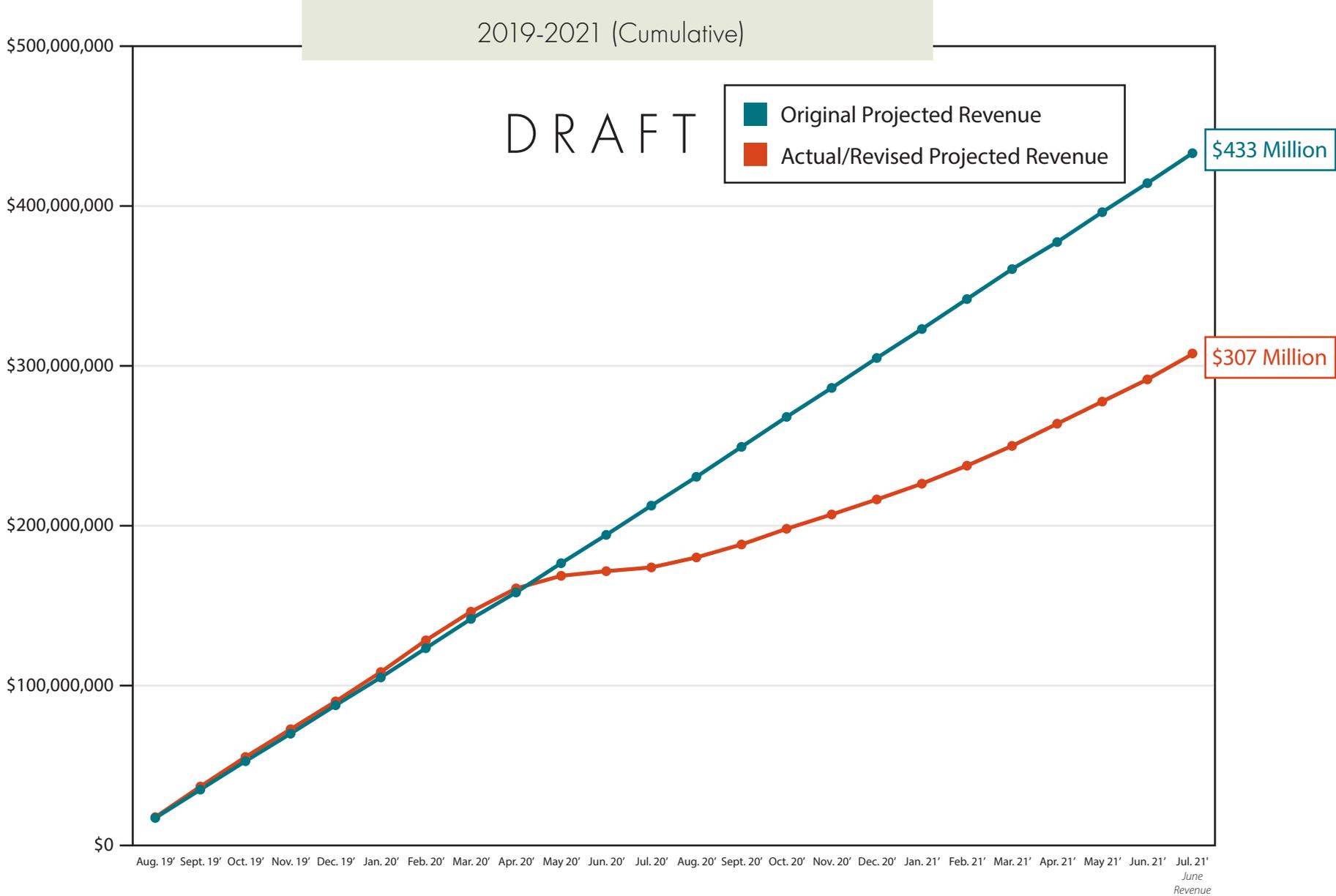
## NORTH DAKOTA STATE WATER COMMISSION OIL EXTRACTION REVENUE FOR THE 2019 - 2021 BIENNIUM

MONTH / YEAR	ORIGINAL PROJECTED REVENUE	ACTUAL/ PROJECTED REVISED	OVER/(UNDER)
JULY, 2019	\$0.00	\$0.00	
AUGUST, 2019	17,185,501	<b>17,672,977</b>	487,476
SEPTEMBER, 2019	17,771,816	<b>19,201,153</b>	1,429,337
OCTOBER, 2019	17,771,816	<b>18,476,625</b>	704,809
NOVEMBER, 2019	17,198,532	<b>17,345,806</b>	147,274
DECEMBER, 2019	17,771,816	<b>17,405,340</b>	<b>(366,476)</b>
JANUARY, 2020	17,391,086	<b>18,355,681</b>	964,595
FEBRUARY, 2020	18,310,424	<b>19,867,894</b>	1,557,470
MARCH, 2020	18,310,424	<b>17,906,515</b>	<b>(403,909)</b>
APRIL, 2020	16,538,448	<b>14,558,705</b>	<b>(1,979,743)</b>
MAY, 2020	18,310,424	<b>7,885,721</b>	<b>(10,424,703)</b>
JUNE, 2020 (INC A/B)	17,719,765	<b>2,900,581</b>	<b>(14,819,184)</b>
JULY, 2020	18,310,424	<b>2,336,430</b>	<b>(15,973,994)</b>
AUGUST, 2020	18,012,160	<b>6,261,579</b>	<b>(11,750,581)</b>
SEPTEMBER, 2020	18,733,084	<b>8,081,761</b>	<b>(10,651,323)</b>
OCTOBER, 2020	18,733,084	<b>9,817,421</b>	<b>(8,915,663)</b>
NOVEMBER, 2020	18,128,791	<b>8,980,059</b>	<b>(9,148,732)</b>
DECEMBER, 2020	18,733,084	<b>9,368,874</b>	<b>(9,364,210)</b>
JANUARY, 2021	18,128,791	<b>9,883,280</b>	<b>(8,245,511)</b>
FEBRUARY, 2021	18,733,084	<b>11,275,529</b>	<b>(7,457,555)</b>
MARCH, 2021	18,733,084	<b>12,364,082</b>	<b>(6,369,002)</b>
APRIL, 2021	16,920,205	<b>11,069,194</b>	<b>(5,851,011)</b>
MAY, 2021	18,733,084	<b>14,495,161</b>	<b>(4,237,923)</b>
JUNE, 2021	18,128,791	15,964,816	<b>(2,163,975)</b>
JULY 2021-JUNE REVENUE	18,733,085	15,964,816	<b>(2,768,269)</b>
<b>TOTALS</b>	<b>433,040,803</b>	<b>307,440,000</b>	<b>(125,600,803)</b>

# RESOURCES TRUST FUND REVENUE



# RESOURCES TRUST FUND REVENUE



**STATE WATER COMMISSION  
BUDGET SUMMARY  
2019-2021 BIENNIUM**

May 24, 2021

**Projected Funding**

RTF Balance (April 30, 2021)	\$302,332,000
Future Projected Revenue (3 months at \$15.965 Million / Month)	\$46,425,000
Other Projected Revenue (SWPP, Interest, etc.)	\$2,100,000
<b>TOTAL</b>	<b>\$350,857,000</b>

**Projected Expenditures**

Unpaid Approvals (April 30, 2021)	\$292,290,000
SWC Operations (May-June 2021)	\$2,600,000
<b>TOTAL</b>	<b>\$294,890,000</b>

<b>Projected Funding Balance</b>	<b>\$55,967,000</b>
----------------------------------	---------------------

<b>PENDING REQUESTS (June 8, 2021 SWC Meeting)</b>	<b>\$34,737,535</b>
--	---------------------

<b>PROJECTED BALANCE</b>	<b>\$21,229,000</b>
--------------------------	---------------------

**Remaining Legislative Intent**

Red River Valley Water Supply	\$6,600,000
Fargo Metro Flood Diversion (\$22.5M included in HB1431)	\$0
Mouse River Enhanced Flood Protection	\$33,000,000
<b>BALANCE</b>	<b>\$39,600,000</b>

**Federal Funding (Capital Assets)**

Federal Funds Authority	\$30,000,000
Federal Funds Expenditures	(\$17,811,000)
Unpaid Federal Approvals	(\$5,500,000)
Remaining Federal Funds Authority	<b>\$6,689,000</b>

**STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 BIENNIUM**

LEGISLATIVE INTENT

April 30, 2021

	2017-2019 CARRYOVER	2019-2021 FUNDING	2019-2021 TOTAL	SWC/SE APPROVED	REMAINING APPROPRIATION
<b>MUNICIPAL &amp; REGIONAL WATER SUPPLY:</b>					
MUNICIPAL WATER SUPPLY	31,126,234	61,718,457	92,844,691	92,844,691	(0)
RED RIVER VALLEY	8,728,394	38,271,606	47,000,000	23,150,000	23,850,000
OTHER REGIONAL WATER SUPPLY	9,228,607	22,064,000	31,292,607	31,292,607	(0)
UNOBLIGATED MUNICIPAL/REG WATER SUPPLY	0	5,945,937	5,945,937		5,945,937
<b>Total</b>	<b>49,083,236</b>	<b>128,000,000</b>	<b>177,083,235</b>	<b>147,287,299</b>	<b>\$ 29,795,936</b>
% OBLIGATED		76.72%			
<b>RURAL WATER SUPPLY:</b>					
RURAL WATER SUPPLY	23,748,814	35,973,439	59,722,253	59,722,253	(0)
UNOBLIGATED RURAL WATER SUPPLY	486,030	1,226,561	1,712,591		1,712,591
<b>Total</b>	<b>24,234,844</b>	<b>37,200,000</b>	<b>61,434,844</b>	<b>59,722,253</b>	<b>1,712,591</b>
% OBLIGATED		95.40%			
<b>FLOOD CONTROL:</b>					
FARGO	105,735,612	66,500,000	172,235,612	149,735,612	22,500,000
MOUSE RIVER	42,969,758	67,400,000	110,369,758	77,369,758	33,000,000
VALLEY CITY	4,573,075	11,610,554	16,183,629	16,183,629	0
LISBON	1,411,117	0	1,411,117	1,411,117	0
OTHER FLOOD CONTROL	14,246,385	3,306,050	17,552,435	17,552,435	(0)
PROPERTY ACQUISITIONS	820,117	15,175,000	15,995,117	15,995,117	0
WATER CONVEYANCE	8,106,423	9,625,526	17,731,949	17,731,949	0
UNOBLIGATED FLOOD CONTROL	2,571,040	23,382,869	25,953,909		25,953,909
<b>Total</b>	<b>180,433,527</b>	<b>197,000,000</b>	<b>377,433,526</b>	<b>295,979,616</b>	<b>81,453,909</b>
% OBLIGATED		58.65%			
<b>GENERAL WATER:</b>					
GENERAL WATER	14,986,810	7,048,992	22,035,803	22,035,803	(0)
UNOBLIGATED GENERAL WATER	138,575	20,044,786	20,183,361		20,183,361
<b>Total</b>	<b>15,125,386</b>	<b>27,093,777</b>	<b>42,219,164</b>	<b>22,035,803</b>	<b>20,183,361</b>
% OBLIGATED		25.51%			
<b>TOTALS</b>	<b>268,876,992</b>	<b>389,293,777</b>	<b>658,170,769</b>	<b>525,024,972</b>	<b>133,145,796</b>

<b>CAPITAL ASSETS:</b>					
SWPP CAPITAL ASSETS	15,792,359	2,320,000	18,112,359	18,112,359	(0)
NAWS CAPITAL ASSETS	22,248,857	0	22,248,857	22,248,857	0
UNOBLIGATED CAPITAL ASSETS	0	140,360,092	140,360,092		140,360,092
<b>Total</b>	<b>38,041,216</b>	<b>142,680,092</b>	<b>180,721,308</b>	<b>40,361,216</b>	<b>140,360,092</b>
% OBLIGATED		1.63%			
<b>REVOLVING LOAN FUND:</b>					
GENERAL WATER PROJECTS	0	4,101,600	4,101,600	4,101,600	0
UNOBLIGATED REVOLVING LOAN FUND	0	1,511,988	1,511,988		1,511,988
<b>Total</b>	<b>0</b>	<b>5,613,588</b>	<b>5,613,588</b>	<b>4,101,600</b>	<b>1,511,988</b>
% OBLIGATED		73.07%			

		PROJECTED FUNDING	
Water Supply, Rural Water, Flood Control, General Water 2019-2021 Appropriation	389,293,778	\$302,332,000	RTF Balance 4/30/21
SWC/SE Approved 2019-2021	256,147,980	\$46,425,000	Future Revenue (3 months \$15.475 Million / Month)
Water Supply, Rural Water, Flood Control, General Water 2019-2021 Appropriation Balance	133,145,798	\$2,100,000	Other Revenue
		\$350,857,000	SWPP, Interest, etc. Balance
<b>LEGISLATIVE INTENT BALANCE</b>	<b>UNPAID APPROVALS</b>	<b>SWC OPERATIONS</b>	<b>PENDING REQUESTS</b>
\$79,350,000	\$292,290,000	\$2,600,000	\$34,737,535
			<b>PROJECTED BALANCE</b>
			\$21,229,000
			<b>\$55,967,000</b>

**STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 BIENNIUM**

*Apr-21*

	SWC/SE APPROVED	EXPENDITURES	UNPAID APPROVALS
<b>MUNICIPAL &amp; REGIONAL WATER SUPPLY:</b>			
MUNICIPAL WATER SUPPLY	92,844,691	37,197,149	55,647,542
RED RIVER VALLEY	23,150,000	7,028,041	16,121,959
OTHER REGIONAL WATER SUPPLY	31,292,607	13,127,448	18,165,159
TOTAL	147,287,299	57,352,638	89,934,661
<b>RURAL WATER SUPPLY:</b>			
RURAL WATER SUPPLY	59,722,253	27,962,139	31,760,113
<b>FLOOD CONTROL:</b>			
FARGO	149,735,612	84,644,038	65,091,574
MOUSE RIVER	77,369,758	37,755,403	39,614,355
VALLEY CITY	16,183,629	5,144,548	11,039,080
LISBON	1,411,117	1,236,538	174,579
OTHER FLOOD CONTROL	17,552,435	10,883,559	6,668,877
PROPERTY ACQUISITIONS	15,995,117	8,547,668	7,447,449
WATER CONVEYANCE	17,731,949	7,620,438	10,111,511
TOTAL	295,979,617	155,832,191	140,147,426
<b>GENERAL WATER:</b>			
GENERAL WATER	22,035,803	13,918,464	8,117,339
<b>CAPITAL ASSETS:</b>			
SWPP CAPITAL ASSETS	18,112,359	8,759,529	9,352,830
NAWS CAPITAL ASSETS	22,248,857	9,273,266	12,975,591
TOTAL	40,361,216	18,032,796	22,328,420
<b>REVOLVING LOAN FUND:</b>			
GENERAL WATER PROJECTS	4,026,600	0	4,026,600
WATER SUPPLY	75,000	0	75,000
<b>TOTALS</b>	569,487,788	273,098,228	296,389,559

STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund

WATER SUPPLY

Apr-21

Approved SWC By	No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	Balance
<b>Municipal Water Supply:</b>									
SWC	2050-13	5000	2017-19	Mandan	New Raw Water Intake	6/19/19	4,058,205	714,925	3,343,280
SWC	2050-15	5000	2017-19	Washburn	New Raw Water Intake	10/7/13	1,889,711	16,762	1,872,949
SWC	2050-26	5000	2017-19	Fargo	Fargo Water System Regionalization Improvements	7/29/15	1,971,286	1,326,787	644,499
SWC	2050-32	5000	2017-19	Williston	Water Systems Improvement Project	10/6/15	3,737,500	9,905	3,727,595
SWC	2050-37	5000	2017-19	Dickinson	Dickinson State Avenue South Water Main	12/11/15	963,920	0	963,920
SWC	2050-52	5000	2017-19	New Town	Water Transmission Storage	10/11/18	743,477	659,190	84,288
SWC	2050-53	5000	2017-19	West Fargo	Brooks Harbor Water Tower	8/23/17	797,335	0	797,335
SWC	2050-54	5000	2017-19	West Fargo	North Loop Connection	8/23/17	510,000	0	510,000
SWC	2050-55	5000	2017-19	West Fargo	West Loop Connection	8/23/17	1,110,000	0	1,110,000
SWC	2050-66	5000	2017-19	Lincoln	Lincoln Water System Improvement Project	2/8/18	1,415,788	1,326,615	89,173
SWC	2050-69	5000	2017-19	Mandan	Sunset Reservoir Water Transmission Line	4/12/18	1,793,479	1,270,296	523,183
<b>TOTAL MUNICIPAL WATER SUPPLY CARRYOVER</b>							<b>18,990,700</b>	<b>5,324,479</b>	<b>13,666,222</b>
SWC	2050-13	5000	2019-21	Mandan	New Raw Water Intake	6/19/19	17,290,000	0	17,290,000
SWC	2050-75-19	5000	2019-21	Bismarck	Lockport Water Pump Station	10/8/20	2,955,000	2,503,405	451,595
SWC	2050-84-19	5000	2019-21	Cavalier	Water Tower Replacement	2/11/21	1,901,000	439,698	1,461,302
SWC	2050-85-19	5000	2019-21	Mapleton	300,000 Gallon Storage Tank	10/10/19	540,000	299,389	240,611
SWC	2050-86-19	5000	2019-21	Minot	SW Water Tower	10/10/19	2,855,000	1,531,811	1,323,189
SWC	2050-87-19	5000	2019-21	Streeter	Well Installation and Tower Rehabilitation	10/10/19	265,000	148,585	116,415
SWC	2050-88-19	5000	2019-21	Davenport	Water Improvement District No. 2019-1	10/10/19	466,000	0	466,000
SWC	2050-89-19	5000	2019-21	West Fargo	9th Street NW Water Main	10/10/19	594,000	0	594,000
SWC	2050-90-19	5000	2019-21	Grand Forks	Water Treatment Plant	10/10/19	9,875,000	9,424,963	450,037
SWC	2050-94-19	5000	2019-21	Watford City	Water Distribution 2019	12/6/19	541,400	0	541,400
SWC	2050-95-19	5000	2019-21	Garrison	Water Supply Treatment and Transmission Line	2/13/20	3,396,000	205,021	3,190,979
SWC	2050-96-19	5000	2019-21	Larimore	2020 Water System Replacement	12/11/20	4,041,500	25,798	4,015,702
SWC	2050-98-19	5000	2019-21	Sykeston	Water Tower Replacement	2/13/20	587,000	102,739	484,261
SWC	2050-99-19	5000	2019-21	Valley City	Water Main Improvement 100/101	2/13/20	350,000	261,943	88,057
SWC	2050-100-19	5000	2019-21	Wyndmere	2020 Water Main Improvements	2/13/20	1,730,000	1,044,231	685,769
SWC	2050-101-19	5000	2019-21	Fargo	Downtown Water Tower	2/13/20	2,814,000	62,522	2,751,478
SWC	2050-102-19	5000	2019-21	Lincoln	Water Tank Replacement	2/13/20	1,268,000	0	1,268,000
SWC	2050-103-19	5000	2019-21	Kindred	Water Main Looping 2020	2/13/20	134,000	98,454	35,546
SWC	2050-104-19	5000	2019-21	Hazen	Water Storage Improvements	2/13/20	1,430,000	113,150	1,316,850
SWC	2050-105-19	5000	2019-21	Williston	42nd Street and 16th Avenue Water Main	2/13/20	1,196,000	747,684	448,316
SWC	2050-106-19	5000	2019-21	Parshall	Water Tower Storage	4/9/20	1,323,000	0	1,323,000
SWC	2050-107-19	5000	2019-21	Dickinson	North Annexation Water Supply	4/9/20	856,400	0	856,400
SWC	2050-115-19	5000	2019-21	Killdeer	2020 Water Main and Pump Station Project	10/8/20	1,060,500	21,154	1,039,346
SWC	2050-116-19	5000	2019-21	Portland	Water Systems Improvement Feasibility Study	11/16/20	45,300	28,982	16,318
SWC	2050-117-19	5000	2019-21	Lakota	Water Transmission Line Replacement Project	12/11/20	618,000	0	618,000
SWC	2050-121-19	5000	2019-21	Killdeer	HWBL Water Expansion	2/11/21	75,000	0	75,000
SWC	2050-122-19	5000	2019-21	Bowbells	Watermain Improvements 2020	2/11/21	22,800	0	22,800
SWC	2050-123-19	5000	2019-21	Horace	District 2020-06 Water System Improvements	2/11/21	150,000	0	150,000
SWC	2050-124-19	5000	2019-21	Horace	District 2020-07 Connection to Cass RWD	2/11/21	75,750	0	75,750
SWC	2050-125-19	5000	2019-21	Williston	Williston Square Watermain	2/11/21	280,100	0	280,100
SWC	2050-127-19	5000	2019-21	Valley City	Watermain Improvement District 100 Project	4/8/21	305,100	0	305,100
<b>TOTAL MUNICIPAL WATER SUPPLY 2019-2021</b>							<b>59,040,850</b>	<b>17,059,529</b>	<b>41,981,321</b>
<b>TOTAL MUNICIPAL WATER SUPPLY</b>							<b>78,031,550</b>	<b>22,384,008</b>	<b>55,647,542</b>
<b>Regional Water Supply:</b>									
SWC	325-17-19	5000	2017-19	RRVWSP	RRVWSP Garrison Diversion	10/8/20	4,728,394	2,652,740	2,075,654
<b>TOTAL REGIONAL WATER SUPPLY CARRYOVER</b>							<b>4,728,394</b>	<b>2,652,740</b>	<b>2,075,654</b>
SWC	1973-07	5000	2019-21	WAWSA	WAWSA Phase VI	4/8/21	22,064,000	3,898,841	18,165,159
SWC	325-19-21	5000	2019-21	RRVWSP	RRVWSP Garrison Diversion	2/11/21	14,421,606	375,301	14,046,305
<b>TOTAL REGIONAL WATER SUPPLY 2019-2021</b>							<b>36,485,606</b>	<b>4,274,141</b>	<b>32,211,465</b>
<b>TOTAL REGIONAL WATER SUPPLY</b>							<b>41,214,000</b>	<b>6,926,881</b>	<b>34,287,119</b>
<b>TOTAL</b>							<b>119,245,550</b>	<b>29,310,890</b>	<b>89,934,661</b>
<b>Revolving Loan Fund: (Water Supply)</b>									
SE	2050-87-19	1050	2019-21	City of Streeter	Water Tower Rehabilitation Project	1/21/21	75,000	0	75,000
<b>Capital Assets:</b>									
SWC	1736-05	8000		SWPP	Southwest Pipeline Project	7/1/17	18,112,359	8,759,529	9,352,830
SWC	2374	9000		NAWS	Northwest Area Water Supply	2/8/18	22,248,857	9,273,266	12,975,591
<b>TOTAL CAPITAL ASSETS</b>							<b>40,361,216</b>	<b>18,032,796</b>	<b>22,328,420</b>

PROGRESS REPORT REQUIRED

SWC Board Approved to Continue

	BUDGET	APPROVED	BALANCE
WATER SUPPLY OTHER CARRYOVER - RRVWSP		4,728,394	
WATER SUPPLY 2019-2021 - RRVWSP		14,421,606	
LEGISLATIVE INTENT	43,000,000	19,150,000	23,850,000
RRVWSP WATER SUPPLY	43,000,000	14,421,606	28,578,394
OTHER WATER SUPPLY	82,322,393	81,104,850	1,217,543
OTHER WATER SUPPLY - COMPLETED	2,677,607	2,677,607	0
<b>BUDGET WATER SUPPLY 2019-2021</b>	<b>128,000,000</b>	<b>98,204,063</b>	<b>29,795,937</b>



**STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund**

**RURAL WATER**

*Apr-21*

Approved SWC By No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	Balance
<b>Rural Water Supply:</b>								
SWC 2050-34	5000	2017-19	North Prairie Rural Water District	Storage and Water Main	10/6/15	1,012,854	901,560	111,293
SWC 2050-43	5000	2017-19	All Seasons Water District	System 4 Connection to System 1	12/11/15	4,900,000	0	4,900,000
SWC 2050-57	5000	2017-19	North Central Regional Water District	Mountrail Expansion Phase II	8/23/17	3,034,288	0	3,034,288
SWC 2050-58	5000	2017-19	North Central Regional Water District	Mountrail Co. Watery Phase III	8/23/17	3,430,000	0	3,430,000
SWC 2050-65	5000	2017-19	Tri-County Rural Water District	System Expansion Project	8/9/18	1,316,004	1,287,074	28,929
SWC 2373-39	5000	2017-19	North Central Rural Water Consortium	Carpio Berthold Phase 2	4/1/15	926,882	668,191	258,691
<b>TOTAL RURAL WATER SUPPLY CARRYOVER</b>						<b>14,620,027</b>	<b>2,856,826</b>	<b>11,763,201</b>
SWC 2050-35	5000	2019-21	Southeast Water Users District	System Wide Expansion	2/13/20	225,000	98,176	126,824
SWC 2050-71	5000	2019-21	East Central Regional Water District	Grand Forks/Traill Project	11/25/20	75,000	58,784	16,216
SWC 2050-77-19	5000	2019-21	Dakota Rural Water District	2019 Expansion	4/9/20	4,650,000	2,136,787	2,513,213
SWC 2050-78-19	5000	2019-21	McLean-Sheridan Rural Water District	2019 Expansion	4/9/20	4,980,000	3,348,227	1,631,774
SWC 2050-91-19	5000	2019-21	Agassiz Water Users District	2019 Expansion	4/9/20	2,990,000	2,440,399	549,601
SWC 2050-92-19	5000	2019-21	East Central Regional Water District	2019 Expansion Phase IV	10/8/20	4,086,000	330,916	3,755,084
SWC 2050-112-19	5000	2019-21	North Prairie Regional Water District	Benedict Water Distribution System	8/13/20	67,500	44,985	22,515
SWC 2050-113-19	5000	2019-21	North Prairie Regional Water District	Minot to Velva Highway 52 Improvement	10/8/20	3,249,000	0	3,249,000
SWC 2050-114-19	5000	2019-21	Walsh Rural Water District	Drayton Water Supply Project	2/11/21	7,969,700	152,014	7,817,686
SWC 2050-119-19	5000	2019-21	Southeast Water Users District	West System Supply Study	2/11/21	150,000	0	150,000
SWC 2050-120-19	5000	2019-21	East Central Regional Water District	Grandin Water Supply	2/11/21	90,000	0	90,000
SWC 2050-126-19	5000	2019-21	East Central Regional Water District	Hatton Water Supply	4/8/21	75,000	0	75,000
<b>TOTAL RURAL WATER SUPPLY 2019-2021</b>						<b>28,607,200</b>	<b>8,610,287</b>	<b>19,996,913</b>
<b>TOTAL RURAL WATER SUPPLY</b>						<b>43,227,227</b>	<b>11,467,113</b>	<b>31,760,114</b>

PROGRESS REPORT REQUIRED

SWC Board Approved to Continue

	BUDGET	APPROVED	BALANCE
LEGISLATIVE INTENT	0	0	0
OTHER RURAL WATER	29,833,761	28,607,200	1,226,561
OTHER RURAL WATER - COMPLETED	7,366,239	7,366,239	(0)
<b>BUDGET RURAL WATER 2019-2021</b>	<b>37,200,000</b>	<b>35,973,439</b>	<b>1,226,561</b>

**STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund**

**COMPLETED RURAL WATER**

Approved SWC By	No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	Apr-21 Balance
<b>Rural Water Supply:</b>									
SWC	2050-35	5000	2017-19	Southeast Water Users District	System Wide Expansion	2/13/20	3,248,377	3,248,377	0
SWC	2050-59	5000	2017-19	Cass Rural Water District	Horace Storage Tank	10/11/18	1,336,637	1,336,637	0
SWC	2050-60	5000	2017-19	North Prairie Rural District	Reservoir 9 Water Supply	6/12/18	62,920	62,920	336,077
SWC	2050-61	5000	2017-19	North Prairie Rural District	Surey/Silver Spring	6/12/18	7,161	7,161	31,127
SWC	2050-63	5000	2017-19	Walsh Rural Water District	System Expansion Project	4/12/18	624,987	624,987	42,642
SWC	2050-64	5000	2017-19	McLean-Sheridan Water District	Turtle Lake Water Tower	8/9/18	827,512	827,512	18,554
SWC	2050-71	5000	2017-19	East Central Regional Water District	Grand Forks/Traill Project	12/7/18	2,004,028	2,004,028	0
SWC	2050-72	5000	2017-19	Stutsman Rural Water District	Phase 6 Pettibone Project	4/12/18	464,606	464,606	57,630
CE	2050-73	5000	2017-19	Northeast Regional Water District	Master Plan	10/11/18	55,922	55,922	0
CE	2050-74	5000	2017-19	Walsh Rural Water District	Drayton Long-Term Water Supply Feasibility Study	5/8/19	37,500	37,500	0
SWC	2373-41	5000	2017-19	North Central Rural Water Consortium	Granville-Deering Area	10/24/16	459,137	459,137	0
<b>TOTAL RURAL WATER SUPPLY CARRYOVER</b>							<b>9,128,787</b>	<b>9,128,787</b>	<b>486,030</b>
SWC	2050-79-19	5000	2019-21	Northeast Regional Water District	Devils Lake Water Supply Phase II	6/19/19	1,197,829	1,197,829	0
SWC	2050-80-19	5000	2019-21	Stutsman Rural Water District	Phase 7, including Reule Lake	6/19/19	1,660,491	1,660,491	151,509
SWC	2050-81-19	5000	2019-21	South Central Regional Water District	North Burleigh Water Treatment Plant	6/19/19	920,000	920,000	0
SWC	2050-82-19	5000	2019-21	Missouri West Water System	North Mandan/Highway 25 and Harmon Lake Area	8/8/19	978,167	978,167	116,833
SWC	2050-83-19	5000	2019-21	Tri-County Rural Water District	Phase 5	8/8/19	1,990,000	1,990,000	0
SWC	2050-93-19	5000	2019-21	Greater Ramsey Water District	2019 Expansion	10/10/19	619,752	619,752	708,248
<b>TOTAL RURAL WATER SUPPLY 2019-2021</b>							<b>7,366,239</b>	<b>7,366,239</b>	<b>976,590</b>
<b>TOTAL RURAL WATER SUPPLY</b>							<b>16,495,026</b>	<b>16,495,027</b>	<b>1,462,620</b>

SWC Board Approved to Continue



STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund

FLOOD CONTROL

Apr-21

Approved SWC By	No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	Balance
<b>Flood Control:</b>									
SWC	1974	M-15	2017-19	Souris River Joint WRD	Mouse River Municipal Projects carryover 2015-17	3/29/17	4,928,633	4,112,549	816,084
SWC	1974	M-17	2017-19	Souris River Joint WRD	Mouse River Municipal Projects carryover 2017-19	4/12/18	29,402,346	20,204,566	9,197,780
SWC	1974	Rural	2017-19	Souris River Joint WRD	Mouse River Rural Projects	6/19/19	7,676,930	6,723,460	953,469
SWC	2118	5000	2017-19	Cass County Joint WRD	Sheldon Subdivision Levee	10/11/18	370,200	0	370,200
SE	2124	5000	2017-19	City of Belfield	Heart River & Tributaries Flood Control Study	11/6/18	27,000	0	27,000
SWC	2131	5000	2017-19	Lower Heart River WRD	Flood Risk Reduction Project	6/14/18	225,916	90,866	135,050
SWC	2131	5000	2017-19	Lower Heart River WRD	Lower Heart Flood Risk Reduction	10/8/20	1,200,000	0	1,200,000
SB 2371	1344-02	5000	2017-19	Lisbon	Sheyenne River Valley Flood Control Project	8/8/16	103,971	0	103,971
SWC	1504-08	5000	2017-19	Valley City	Permanent Flood Protection Erosion Sites	4/9/19	480,283	435,041	45,242
SWC	1771-01	5000	2017-19	Grafton	Grafton Flood Control Project	10/12/16	12,284,127	9,756,152	2,527,975
SB 2020	1928-05	5000	2017-19	Fargo Metro Flood Diversion	Fargo Metro Flood Diversion Authority 2015-2017	2/14/19	45,885,612	42,531,821	3,353,791
SB 2020	1928-17	5000	2017-19	Fargo Metro Flood Diversion	Fargo Metro Flood Diversion Authority 2017-2019	2/14/19	59,850,000	42,112,217	17,737,783
SWC	1991-10	5000	2017-19	Lisbon	Permanent Flood Protection - Levee F Project	4/12/18	457,173	386,566	70,608
SWC	2107-02	5000	2017-19	City of Minot	SWIF 2018 Outfall Pipe Project	10/11/18	880,421	481,459	398,962
<b>TOTAL FLOOD CONTROL CARRYOVER</b>							<b>163,772,613</b>	<b>126,834,697</b>	<b>36,937,916</b>
SWC	1974	Rural	2019-21	Souris River Joint WRD	Mouse River Rural Projects	6/19/19	24,575,000	2,537,104	22,037,896
SWC	1974	M-19	2019-21	Souris River Joint WRD	Mouse River Municipal New Projects	6/19/19	9,750,000	3,539,838	6,210,162
SWC	416-02	5000	2019-21	City of Devils Lake	Devils Lake Flood Risk Management Levee	4/8/21	266,250	0	266,250
SWC	2111	5000	2019-21	Maple River WRD	Davenport Flood Risk Reduction	4/9/20	2,083,600	0	2,083,600
SWC	2129	5000	2019-21	Burleigh County WRD	Sibley Island Flood Control Project	8/8/19	96,420	37,618	58,802
SWC	1504-09	5000	2019-21	Valley City	Permanent Flood Protection PH IV and V	4/9/20	11,610,554	616,716	10,993,838
SB 2020	1928-19	5000	2019-21	Fargo Metro Flood Diversion	Fargo Metro Flood Diversion Authority 2019-2021	10/8/20	44,000,000	0	44,000,000
<b>TOTAL FLOOD CONTROL 2019-2021</b>							<b>92,381,824</b>	<b>6,731,275</b>	<b>85,650,549</b>
<b>TOTAL FLOOD CONTROL</b>							<b>256,154,437</b>	<b>133,565,972</b>	<b>122,588,465</b>
<b>Floodway Property Acquisitions:</b>									
SB 2371	1504-05	5000	2017-19	Valley City	Valley City - Floodway Acquisitions	12/8/17	675,173	414,893	260,280
SWC	1991-05	5000	2017-19	Lisbon	Lisbon - Floodway Acquisition	5/8/19	21,668	909	20,759
<b>TOTAL FLOOD FLOODWAY PROPERTY ACQUISITIONS CARRYOVER</b>							<b>696,840</b>	<b>415,802</b>	<b>281,038</b>
SWC	1974-MA19	5000	2019-21	Minot Acquisitions	Minot Phase - Floodway Acquisitions	6/19/19	11,950,000	4,715,329	7,234,671
SWC	1974-RA19	5000	2019-21	Rural Floodway Acquisitions	Minot Rural - Floodway Acquisitions	6/19/19	3,225,000	3,293,260	(68,260)
<b>TOTAL FLOOD FLOODWAY PROPERTY ACQUISITIONS 2019-2021</b>							<b>15,175,000</b>	<b>8,008,589</b>	<b>7,166,411</b>
<b>FLOODWAY PROPERTY ACQUISITIONS</b>							<b>15,871,840</b>	<b>8,424,391</b>	<b>7,447,449</b>
<b>TOTAL FLOOD CONTROL</b>							<b>272,026,277</b>	<b>141,990,363</b>	<b>130,035,914</b>
<b>Revolving Loan Fund:</b>									
SWC	1504	1050	2019-21	Valley City	Valley City - Permanent Flood Protection Loan	12/6/19	3,676,600	0	3,676,600
SWC	0	1050	2019-21	Golden Valley County WRD	Oland Dam Rehabilitation	12/11/20	350,000	0	350,000
<b>TOTAL</b>							<b>272,026,277</b>	<b>141,990,363</b>	<b>130,035,914</b>

PROGRESS REPORT REQUIRED

SWC Board Approved to Continue

	BUDGET	APPROVED	BALANCE
LEGISLATIVE INTENT	149,000,000	93,500,000	55,500,000
FLOOD CONTROL	37,441,315	14,056,824	23,384,491
FLOOD CONTROL - COMPLETED	934,780	934,780	0
CONVEYANCE	9,623,905	9,625,526	1,621
<b>BUDGET FLOOD CONTROL 2019-2021</b>	<b>197,000,000</b>	<b>118,117,130</b>	<b>78,882,870</b>

STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund

**COMPLETED FLOOD CONTROL**

Approved SWC By	No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	Apr-21 Balance
<b>Flood Control:</b>									
SE	2122	5000	2017-19	US Army Corps of Engineers	Development of Comprehensive Plan for Souris Basin	9/5/17	81,428	81,428	0
SWC	1344-04	5000	2017-19	Valley City	Sheyenne River Valley Flood Control Project PHII	8/29/16	4,531	4,532	0
SWC	1504-01	5000	2017-19	Valley City	Permanent Flood Protection Project Phase I	5/1/15	7,415	7,415	0
SWC	1504-03	5000	2017-19	Valley City	Permanent Flood Protection PH II	12/9/16	2,149,907	2,149,907	234,498
SWC	1504-06	5000	2017-19	Valley City	Permanent Flood Protection PH III & PH IV	12/8/17	153,732	153,732	0
SWC	1504-07	5000	2017-19	Valley City	Permanent Flood Protection PH III Construction	10/11/18	1,777,206	1,777,206	8,973
SWC	1991-13	5000	2017-19	Lisbon	Permanent Flood Protection - Levee C & E Extension	2/14/19	849,972	849,972	0
SWC	2079-01	5000	2017-19	Williston	West Williston Flood Control	12/9/16	139,142	139,142	1,777,242
<b>TOTAL FLOOD CONTROL CARRYOVER</b>							<b>5,163,334</b>	<b>5,163,334</b>	<b>2,020,713</b>
SE	2122	5000	2019-21	US Army Corps of Engineers	Development of Comprehensive Plan for Souris Basin	12/16/19	75,000	75,000	0
SE	274	5000	2019-21	City of Neche	Neche Levee Certification Project	9/16/19	36,600	36,600	0
SWC	2128	5000	2019-21	City of Minot	Minot 2019 Bank Stabilization SWIF Action E	8/8/19	823,180	823,180	0
<b>TOTAL FLOOD CONTROL 2019-2021</b>							<b>934,780</b>	<b>934,780</b>	<b>0</b>
<b>TOTAL FLOOD CONTROL</b>							<b>6,098,114</b>	<b>6,098,114</b>	<b>2,020,713</b>
<b>Floodway Property Acquisitions:</b>									
SWC	1993-05	5000	2017-19	Minot	Minot Phase - Floodway Acquisitions	4/12/18	123,277	123,276	0
<b>TOTAL FLOOD FLOODWAY PROPERTY ACQUISITIONS CARRYOVER</b>							<b>123,277</b>	<b>123,276</b>	<b>0</b>
<b>TOTAL FLOOD FLOODWAY PROPERTY ACQUISITIONS 2019-2021</b>							<b>0</b>	<b>0</b>	<b>0</b>
<b>FLOODWAY PROPERTY ACQUISITIONS</b>							<b>123,277</b>	<b>123,276</b>	<b>0</b>
<b>TOTAL FLOOD CONTROL</b>							<b>6,221,391</b>	<b>6,221,390</b>	<b>2,020,713</b>
<b>Revolving Loan Fund:</b>									
<b>REVOLVING LOAN TOTAL</b>							<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>							<b>6,221,391</b>	<b>6,221,390</b>	<b>2,020,713</b>

SWC Board Approved to Continue



**STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund**

**WATER CONVEYANCE**

Apr-21

Approved SWC By	No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	Balance
<b>Drain &amp; Channel Improvement Projects:</b>									
SWC	1059	5000	2017-19	Bottineau Co WRD	Baumann Legal Drain	12/7/18	391,742	223,416	168,326
SWC	1222	5000	2015-17	Sargent Co WRD	Drain No 11 Channel Improvements	10/12/16	1,374,596	23,509	1,351,087
SWC	1520	5000	2017-19	Walsh Co. WRD	Walsh County Drain 30-2	10/11/18	301,501	216,860	84,641
SWC	1951	5000	2015-17	Maple River WRD	Lynchburg Channel Improvements	7/6/16	1,115,337	595,442	519,895
SWC	1990	5000	2011-13	Mercer Co. WRD	Lake Shore Estates High Flow Diversion Project	3/7/12	43,821	0	43,821
SE	2016	5000	2015-17	Pembina Co. WRD	Establishment of Pembina County Drain No. 80	4/10/17	24,609	20,628	3,981
SWC	2087	5000	2015-17	Walsh Co. WRD	Drain #87/McLeod Drain	3/29/17	2,419,961	1,973,437	446,524
SE	2112	5000	2017-19	Pembina Co. WRD	Pembina Co Drain #81	7/30/17	56,000	17,480	38,520
SE	2133	5000	2017-19	Burleigh Co. WRD	Missouri River Section 32 Bank Stabilization Projects	4/11/19	22,500	18,857	3,644
<b>TOTAL RURAL FLOOD CONTROL CARRYOVER</b>							<b>5,750,068</b>	<b>3,089,629</b>	<b>2,660,439</b>
SWC	1217	5000	2019-21	Tri-County WRD	Drain No 6	10/10/19	738,900	248,372	490,528
SE	1299	5000	2019-21	Ransom County	Maple River Bridge Bank Stabilization	5/5/20	31,675	0	31,675
SE	1638	5000	2019-21	Rush River WRD	Auka Ring Dike	10/30/19	24,374	0	24,374
SWC	1999	5000	2019-21	Pembina Co. WRD	Tongue River Cutoff Channel Improvements	2/13/20	85,329	78,517	6,812
SWC	2094	5000	2019-21	McLean County WRD	Fort Mandan/4H Camp Access Road	4/9/20	67,996	0	67,996
SWC	2104	5000	2019-21	Bottineau Co. WRD	Overgaard Extension	2/13/20	215,969	144,591	71,378
SWC	2112	5000	2019-21	Pembina Co. WRD	Pembina Co Drain #81	2/13/20	284,982	0	284,982
SWC	2127	5000	2019-21	Sargent Co WRD	Sargent County Drain 12 Improvement	2/13/20	306,416	264,328	42,088
SWC	2135	5000	2019-21	Grand Forks-Traill County Joint WRD	Grand Forks County Legal Drain No.59	12/11/20	2,783,837	0	2,783,837
SWC	2136	5000	2019-21	Pembina County WRD	Drain No. 39	4/9/20	210,928	183,245	27,683
SWC	2138	5000	2019-21	Pembina County WRD	Drain No. 82	12/6/19	1,011,666	25,948	985,718
SWC	2140	5000	2019-21	Grand Forks-Traill County Joint WRD	Thompson Drainage	4/9/20	688,107	40,570	647,537
SE	2143	5000	2019-21	Traill Co. WRD	Hillsboro Drain No. 26 Channel Improvements	3/27/20	72,041	62,309	9,732
SE	2144	5000	2019-21	Ransom County	Virgil Schultz Bridge Bank Slope Stabilization	5/5/20	36,531	0	36,531
SE	2149	5000	2019-21	Maple River WRD	Tower Township Improvement District No. 79	12/2/20	8,550	0	8,550
SWC/SE	1413-01	5000	2019-21	Traill Co. WRD	Camrud Drainage Improvement District No. 79	4/9/20	812,925	44,704	768,221
SWC	2152	5000	2019-21	Enderlin Park Board	Maple River Bank Stabilization Project	12/11/20	132,500	0	132,500
SE	2153	5000	2019-21	Traill Co. WRD	Hong Drainage Improvement District No. 81	11/16/20	15,075	0	15,075
SWC	2155	5000	2019-21	Richland County, Center Township	Wild Rice River Bank Stabilization	10/8/20	78,644	34,221	44,423
SWC	2156	5000	2019-21	Bottineau County WRD	McHenry Laterals A and B	10/8/20	362,492	0	362,492
SE	2159	5000	2019-21	North Cass WRD	Cass County Drain 18 Extension	12/2/20	10,350	0	10,350
SE	2162	5000	2019-21	Steele Cnty WRD	Drain 1 Lateral A - Preliminary Design Phase	4/13/21	9,000	0	9,000
SWC	PS/WRD/M	5000	2019-21	Mercer County WRD	Knife River Bank Stabilization	10/8/20	87,831	0	87,831
<b>TOTAL RURAL FLOOD CONTROL 2019-2021</b>							<b>8,076,118</b>	<b>1,126,806</b>	<b>6,949,312</b>
<b>TOTAL RURAL FLOOD CONTROL</b>							<b>13,826,186</b>	<b>4,216,435</b>	<b>9,609,751</b>
<b>Snagging &amp; Clearing Projects:</b>									
<b>TOTAL SNAGGING &amp; CLEARING CARRYOVER</b>							<b>0</b>	<b>0</b>	<b>0</b>
SWC	568	5000	2019-21	Southeast Cass WRD	Sheyenne River Snag & Clear	8/8/19	294,000	209,148	84,852
SE	1277	5000	2019-21	Emmons County WRD	2020-2021 Beaver Creek Snag & Clear	12/10/20	74,000	0	74,000
SE	1667	5000	2019-21	Traill County WRD	Goose River Snagging & Clearing	10/27/20	47,500	0	47,500
SWC	1694	5000	2019-21	Pembina County WRD	Tongue River Snag and Clear, City of Cavalier	10/8/20	98,400	0	98,400
SWC	1868	5000	2019-21	Southeast Cass WRD	2020-2021 Wild Rice River Snag & Clear	12/11/20	18,120	0	18,120
SE	1934	5000	2019-21	Traill County WRD	Elm River Snagging & Clearing	10/27/20	47,500	0	47,500
SE	1945	5000	2019-21	Rush River WRD	Rush River Snagging & Clearing	2/10/21	70,000	0	70,000
SE	2095	5000	2019-21	Barnes Co WRD	2019 Sheyenne River Snag & Clear Reach 1 - Project 2	9/16/19	49,750	42,315	7,435
SWC	2095	5000	2019-21	Southeast Cass WRD	2020-2021 Sheyenne River Snag & Clear	12/11/20	52,332	0	52,332
<b>TOTAL SNAGGING &amp; CLEARING 2019-2021</b>							<b>751,602</b>	<b>251,463</b>	<b>500,139</b>
<b>TOTAL SNAGGING &amp; CLEARING</b>							<b>751,602</b>	<b>251,463</b>	<b>500,139</b>
<b>TOTAL WATER CONVEYANCE</b>							<b>14,577,788</b>	<b>4,467,898</b>	<b>10,109,890</b>
<b>TOTAL</b>							<b>14,577,788</b>	<b>4,467,898</b>	<b>10,109,890</b>

PROGRESS REPORT REQUIRED

SWC Board Approved to Continue

	BUDGET	APPROVED	BALANCE
<b>WATER CONVEYANCE</b>	<b>8,827,720</b>	<b>8,827,720</b>	<b>0</b>
<b>COMPLETED WATER CONVEYANCE</b>	<b>796,185</b>	<b>797,806</b>	<b>1,621</b>
<b>BUDGET WATER CONVEYANCE 2019-2021</b>	<b>9,623,905</b>	<b>9,625,526</b>	<b>1,621</b>

**STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund**

**COMPLETED WATER CONVEYANCE**

Approvec By	SWC No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	<i>Apr-21</i>
									Balance
SE	662	5000	2015-17	Walsh Co. WRD	Park River Snagging & Clearing	2/17/17	0	0	0
SE	1056	5000	2015-17	Bottineau Co. WRD	Stead Legal Drain	2/16/17	0	0	0
SE	1059	5000	2017-19	Bottineau Co WRD	Baumann Legal Drain	3/7/18	28,661	28,661	0
SWC	1070	5000	2015-17	Maple River WRD	Drain #14 Channel Improvements	3/29/17	327,990	151,418	176,571
SWC	1071	5000	2015-17	Maple River WRD	Cass County Drain #15 Channel Improvements	3/9/16	4,534	4,534	0
SWC	1180	5000	2017-19	Richland Co WRD	Legal Drain #7 Channel Improvements	12/7/18	200,812	200,812	0
SWC	1311	5000	2015-17	Traill Co. WRD	Buxton Township Improvement District No. 68	3/9/16	0	0	0
SWC	1314	5000	2015-17	Wells Co. WRD	Hurdsfield Legal Drain	3/29/17	644,292	540,330	103,962
SWC	1331	5000	2015-17	Richland Co WRD	Drain #14 Reconstruction	12/9/16	0	0	0
SWC/SE	1413-01	5000	2019-21	Traill Co. WRD	Camrud Drainage Improvement District No. 79	4/11/19	14,557	14,557	0
SWC	1486	5000	2015-17	Griggs Co. WRD	Thompson Bridge Outlet No. 4 Project	10/6/15	590,146	590,146	0
SWC	1520	5000	2015-17	Walsh Co. WRD	Walsh County Drain 30-1	3/29/17	92,198	1,673	90,525
SWC	1650	5000	2017-19	Sargent Co WRD	Sargent County Drain No. 7 Cost Overrun	6/19/19	110,638	110,638	0
SWC	1978	5000	2015-17	Richland-Sargent Joint W	RS Legal Drain #1 Extension & Channel Improvements Phase	3/29/17	70,422	54,796	15,626
SWC	2049	5000	2015-17	Grand Forks Co. WRD	Grand Forks Legal Drain No. 58	3/29/17	517,128	517,128	0
SWC	2068	5000	2015-17	Traill Co. WRD	Stavanger-Belmont Drain No. 52 Channel Impr	10/12/16	44,342	44,342	0
SE	2069	5000	2017-19	Center Township	Center Township Bank Stabilization	6/28/19	3,720	3,720	0
SWC	2088	5000	2015-17	Pembina Co. WRD	Drain No. 79	12/9/16	52,764	52,764	0
SE	2093/1427	5000	2015-17	Bottineau Co. WRD	Moen Legal Drain	9/6/16	0	0	0
SE	2095	5000	2015-17	Nelson Co WRD	Sheyenne River Snagging & Clearing	4/10/17	19,700	0	19,700
SE	2101	5000	2017-19	Walsh Co. WRD	Walsh Co Drain #90	4/11/19	70,603	0	70,603
SWC	2108	5000	2015-17	Walsh Co. WRD	Walsh Co Drain #22	6/22/17	81,176	7,837	73,339
SE	2110	5000	2015-17	Ward Co. WRD	Meadowbrook Snagging & Clearing	6/21/17	33,000	33,000	0
<b>TOTAL WATER CONVEYANCE CARRYOVER</b>							<b>2,906,682</b>	<b>2,356,355</b>	<b>550,327</b>
SE	662	5000	2019-21	Walsh County WRD	Park River Snag and Clear	1/28/20	50,500	50,500	0
SWC	1090	5000	2019-21	Southeast Cass WRD	Cass County Drain No. 40 Improvement Project	6/19/19	192,600	192,600	0
SE	1273	5000	2019-21	City of Oakes	James River Bank Stabilization	11/26/19	16,869	16,869	0
SE	1277	5000	2019-21	Emmons County WRD	Beaver Creek Snag and Clear	1/16/20	74,000	72,581	1,419
SWC/SE	1694	5000	2019-21	Pembina County WRD	Tongue River Snag and Clear	4/2/20	116,837	116,635	202
SE	1842	5000	2019-21	Richland County WRD	Wild Rice River Snagging and Clearing	2/10/21	65,750	65,750	0
SE	1842	5000	2019-21	Richland County WRD	2019 Wild Rice River Snag and Clear	1/15/20	150,000	150,000	0
SWC	1868	5000	2019-21	Southeast Cass WRD	Wild Rice River Snag and Clear	8/8/19	120,000	120,000	0
SE	2152	5000	2019-21	Enderlin Park Board	Maple River Bank Stabilization Project	6/24/20	11,250	11,250	0
<b>TOTAL WATER CONVEYANCE 2019-2021</b>							<b>797,806</b>	<b>796,185</b>	<b>1,621</b>
<b>TOTAL</b>							<b>3,704,488</b>	<b>3,152,540</b>	<b>551,948</b>
SWC Board Approved to Continue									

**STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund**

**GENERAL PROJECTS**

										Apr-21
Approved SWC By No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	Balance		
<b>Hydrologic Investigations:</b>										
SWC 2041	3000	2017-19	USGS	Stream Gage Joint Funding Agreement	12/7/18	613,382	613,382	0		
<b>TOTAL CARRYOVER</b>						<b>613,382</b>	<b>613,382</b>	<b>0</b>		
SWC 2041	3000	2019-21	USGS	Stream Gage Joint Funding Agreement	6/9/20	638,354	499,054	139,300		
<b>TOTAL 2019-2021</b>						<b>638,354</b>	<b>499,054</b>	<b>139,300</b>		
<b>Subtotal Hydrologic Investigations</b>						<b>1,251,736</b>	<b>1,112,436</b>	<b>139,300</b>		
<b>Devis Lake Basin Development:</b>										
SWC 416-10	4700		Operations	Devis Lake Outlet Operations	4/9/19	3,760,132	3,760,132	(0)		
<b>Subtotal Devis Lake Basin Development</b>						<b>3,760,132</b>	<b>3,760,132</b>	<b>(0)</b>		
<b>General Water Management:</b>										
SWC 160	5000	2017-19	McLean Co WRD	Painted Woods Lake Flood Damage Reduction & Habita	8/9/18	284,768	279,221	5,547		
SWC 269	5000	2017-19	Walsh Co. WRD	Fordville Dam Rehabilitation	6/19/19	122,595	54,077	68,518		
SWC 399	5000	2017-19	Barnes Co WRD	Kathryn Dam Project	8/9/18	754,875	633,283	121,592		
SE 420	5000	2015-17	Hettinger Park Board	Mirror Lake Dam Emergency Action Plan	12/2/16	11,573	0	11,573		
SE 531	5000	2017-19	Benson Co WRD	Bouret Dam Rehabilitation	12/20/18	31,843	23,719	8,124		
SWC 531	5000	2017-19	Benson Co WRD	Bouret Dam Rehabilitation	4/9/19	591,750	512,692	79,058		
SWC 688	5000	2017-19	Grand Forks Co WRD	Lainmore Dam Rehabilitation	6/19/19	91,800	33,081	58,719		
SWC 980	5000	2015-17	Cass Co. Joint WRD	Rush River Watershed Detention Study	1/7/16	99,257	60,655	38,602		
SWC 980	5000	2015-17	Cass Co. Joint WRD	Upper Maple River Watershed Detention Study	1/11/16	70,699	57,539	13,160		
SE 1264	5000	2013-15	Barnes Co WRD	Little Dam Repurposing Feasibility Study	6/17/15	12,385	6,588	5,797		
SE 1289	5000	2015-17	McKenzie Co. Weed Board	Control of Noxious Weeds on Sovereign Land	3/23/21	27,549	5,246	22,304		
SWC 1303	5000	2015-17	Sargent Co WRD	Shortfot Creek Watershed Planning Program	3/9/16	84,475	38,916	45,560		
SWC 1389	5000	2013-15	Bank of ND	BND AgPace Program	8/8/19	30,365	30,365	0		
SE 1453	5000	2017-19	Hettinger County WRD	Karey Dam Rehabilitation Design & Planning	12/14/18	48,284	0	48,284		
SE 1453	5000	2017-19	Hettinger County WRD	Karey Dam Rehabilitation Project	4/9/19	971,325	789,664	181,661		
SWC 1851-01	5000	2015-17	ND State Water Commission	Drought Disaster Livestock Water Supply Assistance	4/20/21	1,170,761	99,705	1,071,055		
SWC 1878-02	5000	2017-19	Maple-Steele Joint WRD	Upper Maple River Dam Outlet Channel Improvements	4/9/19	82,320	81,986	334		
SWC 1968	5000	2015-17	Garrison Diversion	MM 15 Irrigation Project	3/29/17	93,615	0	93,615		
SWC 1968	5000	2017-19	Garrison Diversion	MM 0 and MM 0.4 Irrigation Project	12/7/18	1,673,793	53,739	1,620,054		
SE 2055	5000	2015-17	Red River Joint Water Resource District	Lower Red Basin Regional Detention Study	1/13/20	45,000	0	45,000		
SWC 2059	5000	2015-17	Park River Joint WRD	North Branch Park River NRCS Watershed Study	10/6/15	81,200	76,296	4,904		
SWC 2060	5000	2017-19	Walsh Co. WRD	Matejcek Dam Rehabilitation	10/11/18	194,345	98,253	96,092		
SE 2072	5000	2015-17	Barnes Co WRD	Ten Mile Lake Flood Risk Reduction Project	6/8/16	36,812	17,384	19,428		
SWC 2075	5000	2015-17	Ward Co. WRD	Second Larson Coulee Detention Pond	7/6/16	602,307	602,307	0		
SE 2089	5000	2015-17	Maple River WRD	Tower Township Improvement District No. 77 Study	12/19/16	16,458	0	16,458		
SWC 2103	5000	2017-19	Walsh Co. WRD	Bylin Dam Rehabilitation	6/19/19	131,370	58,396	72,974		
SE 2109	5000	2017-19	Logan County WRD	McKenna Lake Feasibility Study	6/21/17	2,247	0	2,247		
SE 2109	5000	2017-19	Logan County WRD	McKenna Lake Hydrologic Study	9/12/18	55,961	51,690	4,271		
SWC 2115	5000	2017-19	Applied Weather Associates, LLC	(PMP) Probable Maximum Precipitation Estimates	10/11/18	600,000	424,680	175,320		
SWC 2121	5000	2017-19	Pembina Co. WRD	Senator Young Dam Rehabilitation	6/19/19	129,210	15,065	114,145		
SWC 2123	5000	2017-19	Geotech, Inc.	Airborne Electromagnetic (AEM) 2018	8/9/18	427,354	404,250	23,104		
SE 1396-01	5000	2013-15	State Water Commission	Missouri River Recovery Program	11/17/15	46,510	0	46,510		
SWC PS/IRR/LOW	5000	2017-19	Lower Yellowstone Irrigation District #2	Lateral W Irrigation Project	6/14/18	366,445	40,029	326,416		
<b>TOTAL GENERAL WATER CARRYOVER</b>						<b>9,602,633</b>	<b>5,162,208</b>	<b>4,440,425</b>		
SE 299	5000	2019-21	City of Pembina	Pembina City Dam Renovation Alternatives Eval.	11/3/20	30,045	0	30,045		
SWC 391	5000	2019-21	Sargent Co WRD	Silver Lake Dam Improvements	4/9/20	161,918	114,514	47,404		
SWC 394	5000	2019-21	Golden Valley Co WRD	Odland Dam Rehabilitation Project	4/9/20	595,800	18,328	577,472		
SWC 394	5000	2019-21	Golden Valley Co WRD	Odland Dam Rehabilitation Project	12/11/20	306,000	0	306,000		
SE 477	5000	2019-21	City of Valley City	Mill Dam Rehabilitation	11/16/20	74,625	0	74,625		
SE 531	5000	2019-21	Benson Co WRD	Bouret Dam Rehabilitation	12/2/20	75,000	0	75,000		
SE 632	5000	2019-21	Bottineau County Highway Dept	Antler Dam Repair	1/16/20	34,800	0	34,800		
SE/SWC 1267	5000	2019-21	Bottineau County WRD	Westhope Dam Rehabilitation	2/7/20	71,293	0	71,293		
SE 1289	5000	2015-17	McKenzie Co. Weed Board	Control of Noxious Weeds on Sovereign Land	3/23/21	17,807	0	17,807		
SE 1378	5000	2019-21	Barnes Co WRD	Clausen Springs Dam EAP	2/7/20	72,052	51,490	20,562		
SWC 1389	5000	2013-15	Bank of ND	BND AgPace Program	6/30/19	350,000	129,709	220,291		
SE 1431	5000	2019-21	USGS/LaMoore County	Rapid Deployment Gages under FEMA Hazard Mit	10/17/19	500	0	500		
SWC 1785	5000	2019-21	Maple River WRD	Maple River Dam Site T-180 Improvements	2/13/20	212,216	176,457	35,759		
SWC 1851-01	5000	2015-17	ND State Water Commission	Drought Disaster Livestock Water Supply Assistance	4/20/21	1,000,000	0	1,000,000		
SE 2055	5000	2019-21	Red River Joint Water Resource District	Lower Red Basin Regional Detention Study	11/3/20	32,905	0	32,905		
SE 2073	5000	2019-21	Walsh Co. WRD	BTAG Oslo, MN Area Hydraulic Analysis	4/15/21	3,139	0	3,139		
SE 2090	5000	2019-21	International Water Institute	River Watch Program	8/2/19	53,840	41,744	12,096		
SWC 2109-02	5000	2019-21	Logan County WRD	McKenna Lake Hydrologic Study Phase 2	10/8/20	111,876	22,090	89,786		
SWC 2141	5000	2019-21	Pembina Co. WRD	Weiler Dam Gate and Catwalk Retrofit	4/9/20	118,924	90,263	28,661		
SE 2154	5000	2019-21	Elm River Joint WRD	Elm River Watershed Study	11/3/20	72,000	0	72,000		
SWC 2161	5000	2019-21	AE2S	Strategic Governance and Finance Study	10/8/20	190,050	83,542	106,508		
SWC ARB-WMI-19-1	7600	2019-21	Weather Modification, Inc.	Atmospheric Resource Operations and Research Gr	6/19/19	875,722	286,025	589,697		
SE AOC/WEF	5000	2019-21	ND Water Education Foundation	ND Water Magazine	7/23/19	26,000	19,500	6,500		
SWC AOC/RRB	5000	2019-21	Red River Basin Commission	Red River Basin Commission Contractor	6/19/19	200,000	200,000	0		
SWC AOC/ASS	5000	2019-21	Assinboine River Basin Initiative	ARB's Outreach Efforts	6/19/19	100,000	100,000	0		
SE AOC/IRA	5000	2019-21	ND Irrigation Association	Water Irrigation Funding	6/19/20	100,000	100,000	0		
SE PS/WRD/DEV	5000	2019-21	Devis Lake Basin Joint WRB	Board Manager	7/1/19	60,000	0	60,000		
SE PS/WRD/MRJ	5000	2019-21	Missouri River Joint WRB	MRRIC Terry Fleck	5/2/19	45,000	20,237	24,763		
<b>TOTAL GENERAL WATER 2019-2021</b>						<b>5,629,866</b>	<b>1,952,952</b>	<b>3,676,914</b>		
<b>TOTAL GENERAL WATER</b>						<b>15,232,499</b>	<b>7,115,160</b>	<b>8,117,339</b>		
<b>Revolving Loan Fund:</b>										
SWC 0	1050	2019-21	Golden Valley County WRD	Odland Dam Rehabilitation	12/11/20	350,000	0	350,000		
<b>TOTAL</b>						<b>18,992,630</b>	<b>10,875,291</b>	<b>8,117,339</b>		

PROGRESS REPORT REQUIRED

SWC Board Approved to Continue

	BUDGET	APPROVED	BALANCE
GENERAL WATER	25,654,076	5,629,866	20,024,210
COMPLETED GENERAL WATER	1,439,700	1,419,127	20,573
<b>BUDGET GENERAL WATER 2019-2021</b>	<b>27,093,776</b>	<b>7,048,993</b>	<b>20,044,783</b>

**STATE WATER COMMISSION  
PROJECT SUMMARY  
2019-2021 Biennium  
Resources Trust Fund**

COMPLETED GENERAL PROJECTS

					<i>Apr-21</i>				
Approved SWC By	No	Dept	Approved Biennium	Sponsor	Project	Approved Date	Total Approved	Total Payments	Balance
					<b>Hydrologic Investigations:</b>				
0	0	0	0	0	0	1/0/00	0	0	0
							<b>0</b>	<b>0</b>	<b>0</b>
SE	390	5000	2015-17	Logan County WRD	Beaver Lake Dam Rehabilitation Feasibility Study	6/8/16	369	369	0
SWC	391	5000	2017-19	Sargent Co WRD	Silver Lake Dam Improvements	12/20/18	28,606	28,606	0
SWC	394	5000	2017-19	Golden Valley Co WRD	Odland Dam Rehabilitation Project	12/7/18	110,055	110,055	0
SE	460	5000	2015-17	Griggs Co. WRD	Ueland Dam Rehabilitation Feasibility Study	5/20/16	0	0	0
SE	477	5000	2015-17	Valley City	Mill Dam Rehabilitation Feasibility Study	6/8/16	2,937	2,937	0
SE	512	5000	2015-17	Emmons County WRD	Nieuwsma Dam Emergency Action Plan	11/28/16	6,707	6,707	(0)
SWC	551	5000	2015-17	McHenry Co. WRD	Buffalo Lodge Lake Outlet	6/22/17	0	0	0
SE	561	5000	2015-17	City of Tioga	Tioga Dam EAP	5/20/16	40,000	40,000	0
SE	667	5000	2017-19	Burke Co WRD	Northgate Dam 2 Emergency Action Plan	9/5/17	25,866	25,866	0
SWC	848	5000	2017-19	Sargent Co WRD	Brummond/Lubke Dam	10/11/18	206,117	206,117	0
SE	1270	5000	2015-17	City of Wilton	Wilton Pond Dredging Recreation Project	12/29/15	0	0	0
SWC	1296	5000	2015-17	Pembina Co. WRD	Tongue River NRCS Watershed Plan	3/9/16	64,334	64,334	0
SWC/SE	1301	5000	2015-17	Richland Co. WRD	North Branch Antelope Creek NRCS Small Watershed	3/9/16	53,939	53,939	0
SE	1303	5000	2013-15	Sargent Co WRD	Gwinner Dam Improvement Feasibility Study Program	4/17/15	500	501	(1)
SE	1431	5000	2017-19	USGS	Rapid Deployment Gage on the James River at Adrian	3/20/19	4,900	4,900	0
SE	1444	5000	2015-17	City of Pembina	Flood Protection System Certification	4/19/16	1,657	1,657	0
SE	1453	5000	2015-17	Hettinger County WRD	Karey Dam Rehabilitation Feasibility Study	5/23/16	6,853	6,853	0
SWC	1859	5000	2017-15	ND Dept of Environmental Quality	NPS Pollution	8/23/17	0	0	0
SWC	1968	5000	2015-17	Garrison Diversion	MM 42L Irrigation Project	8/23/17	922	922	(0)
SWC	2060	5000	2015-17	Walsh Co. WRD	Forest River Watershed Study	4/10/17	99,632	99,632	0
SE	2070	5000	2015-17	Garrison Diversion Conservancy Dist.	Mile Marker 42 Irrigation Project	5/20/16	(0)	0	(0)
SE	2071	5000	2015-17	Foster County WRD	Alkali Lake High Water Feasibility Study	4/19/16	4,009	4,009	(0)
SWC	2074	5000	2015-17	City of Wahpeton	Breakout Easements	7/6/16	265,250	265,250	0
SWC	2074	5000	2015-17	City of Wahpeton	Flood Control - Levee Certification	7/6/16	247,500	247,500	0
SWC	2083	5000	2015-17	Pembina Co. WRD	Herzog Dam Gate & Catwalk Retrofit - Construction	10/12/16	85,763	85,762	0
SE	2085	5000	2015-17	Adams Co WRD	Orange Dam Rehabilitation Feasibility Study	10/13/16	(0)	0	(0)
SE	2090	5000	2015-17	International Water Institute	River Watch Program	1/12/17	5,234	5,234	0
SWC	2096	5000	2015-17	Southeast Cass WRD	Sheyenne-Maple Flood Control Dist. #2 Improvements	3/29/17	182,114	43,539	138,576
SWC	2120	5000	2017-19	Apex Engineering	SWPP Transfer of Ownership Study	4/9/19	170,876	170,876	(0)
SE	2090-02	5000	2017-19	International Water Institute	River of Dreams Program	6/6/18	8,331	8,331	0
SE	849-01	5000	2017-19	Pembina Co. WRD	Goschke Dam Spillway Gate Retrofit	4/9/19	119,010	119,010	(0)
SE	PS/WRD/LOW	5000	2015-17	Lower Heart WRD	Lower Heart Flood Control Study	5/10/17	21,140	21,140	0
<b>TOTAL GENERAL WATER CARRYOVER</b>							<b>1,762,621</b>	<b>1,624,046</b>	<b>138,575</b>
SE	989	3000	2019-21	ND Dept of Environmental Quality	Water Sampling Testing	8/13/19	110,000	110,000	0
SWC/SE	1301	5000	2019-21	Richland Co. WRD	North Branch Antelope Creek NRCS Small Watershed	6/19/19	17,500	12,826	4,674
SE	1403	5000	2019-21	NDSU	ND Water Resource Institute grant student stipends	1/16/20	25,000	25,000	0
SWC	1859	5000	2017-15	ND Dept of Environmental Quality	NPS Pollution	8/8/19	200,000	200,000	0
SB2009	1986	5000	2019-21	ND Dept of Agriculture	Wildlife Services	8/15/19	125,000	125,000	0
SE	2142	5000	2019-21	City of Bismarck	Jackman Coulee Dam 2 Emergency Action Plan	5/5/20	25,600	25,600	0
SE	2146	5000	2019-21	City of Bismarck	Jackman Coulee Dam 2 Pipe Rehab	5/5/20	65,000	49,101	15,899
SE	2150	5000	2019-21	SD Dept of Transportation	Multi-State DOT Pooled Fund Study	7/1/20	55,600	55,600	0
SE	AOC/WEF/TOURS	5000	2019-21	ND Water Education Foundation	2021 Summer Water Tours	3/22/21	2,500	2,500	0
SE	ARB-NDAWN	5000	2019-21	North Dakota State University	2021 North Dakota Agricultural Weather Network	3/4/21	1,500	1,500	0
SE	ARB-NDAWN	5000	2019-21	North Dakota State University	2020 North Dakota Agricultural Weather Network	3/16/20	1,500	1,500	0
SE	AOC/WRD	5000	2019-21	ND Water Resource Districts Associati	Water Managers Handbook and Workshops	7/1/20	20,500	20,500	0
SWC	FUGRO	5000	2019-21	FUGRO	Aerial Imagery Project	6/19/19	790,000	790,000	0
<b>TOTAL GENERAL WATER 2019-2021</b>							<b>1,439,700</b>	<b>1,419,127</b>	<b>20,573</b>
<b>TOTAL GENERAL WATER</b>							<b>3,202,321</b>	<b>3,043,173</b>	<b>159,148</b>
<b>TOTAL</b>							<b>3,202,321</b>	<b>3,043,173</b>	<b>159,148</b>

# 2021 INTENDED USE PLAN

for the

NORTH DAKOTA DRINKING WATER STATE REVOLVING FUND

prepared by the

DRINKING WATER STATE REVOLVING FUND PROGRAM

DIVISION OF MUNICIPAL FACILITIES



November 20, 2020

Amended May 17, 2021

## Table of Contents

Introduction.....	1
Priority List of Projects .....	3
Development Process.....	3
Priority Ranking System.....	4
Comprehensive Project Priority List and Fundable List .....	4
Criteria and Methods for the Distribution of Funds .....	5
Ranking and Project Bypass Considerations .....	5
Capacity .....	6
Set-Aside and Fee Activities.....	8
Mandatory Small System Project Set-Aside .....	8
Mandatory Additional Subsidization Set-Aside .....	8
Disadvantaged Community Set-Aside .....	9
Optional Non-Project Set-Asides.....	10
Non-Project Set-Aside and Fee Activity.....	11
Planning Assistance Reimbursement (PAR) Grants .....	12
Financial Status.....	13
Financial Structure.....	13
State 20 Percent Match Requirement .....	14
Anticipated Proportionality Ratio .....	14
Disbursement of Funds .....	14
Transfer of Funds Between DWSRF and CWSRF .....	14
Funding Process .....	15
Loan Assistance Terms .....	15
Sources and Uses of Funds.....	16
Short- and Long-Term Goals .....	18
Short-Term Goals .....	18
Long-Term Goals.....	18
Environmental Results .....	19
Public Participation.....	20
Process .....	20

## Appendices

- Appendix A: Eligible and Ineligible Projects and Project-Related Costs Under the Drinking Water State Revolving Loan Fund (DWSRF) Program
- Appendix B: Comprehensive Project Priority List and Fundable List for 2021
- Appendix C: Priority Ranking System for Financial Assistance Through the Drinking Water State Revolving Loan Fund (DWSRF) Program
- Appendix D: Non-Project Set-Aside and Loan Fee Activity
- Appendix E: Amounts Available to Transfer Between State Revolving Fund Programs
- Appendix F: Sources and Uses Table
- Appendix G: Abbreviations

## Introduction

On August 6, 1996, President Clinton signed into law the Safe Drinking Water Act (SDWA) Amendments of 1996 (P.L. 104-182). Section 1452 of the SDWA authorizes a Drinking Water State Revolving Loan Fund (DWSRF) Program. It further requires the U.S. Environmental Protection Agency (EPA) to enter into agreements with and make capitalization grants to eligible states to assist public water systems (PWSs) in financing the costs of infrastructure needed to achieve or maintain compliance with the SDWA and to protect public health.

North Dakota's legislature, under North Dakota Century Code (NDCC) section 61-28.1-11, established a drinking water revolving loan fund that would be administered by the North Dakota Department of Environmental Quality (NDDEQ). The powers and duties of the department include applying for grants from the EPA to be used for purposes authorized under SDWA, administering the fund, disbursing funds, establishing assistance priorities, and adopting rules necessary for the administration of the fund.

North Dakota's DWSRF federal allotments for fiscal years (FY) 1997 through 2020 totaled \$226,945,767, and the 2021 allotment is \$11,001,000. Allotted funds are provided by the EPA through capitalization grants and matched 20 percent by North Dakota.

DWSRF funds may be used for:

- Loans.
- Loan guarantees.
- A source of reserve and security for leveraged loans (the proceeds of which must be placed in the DWSRF).
- Buying or refinancing existing local debt obligations (publicly-owned systems only) where the initial debt was incurred and construction started after July 1, 1993.
- Earning interest prior to disbursement of assistance.

To the extent that there are enough eligible projects, at least 15 percent of the funds available for construction must be used annually to provide loan assistance to PWSs that serve fewer than 10,000 persons. Up to 30 percent of the funds available for construction may also be used to provide subsidized loans to disadvantaged communities. A portion of the DWSRF allotments may also be used for non-project set-aside activities such as:

- DWSRF Program administration (the maximum of the following: \$400,000, 1/5 percent of the current valuation of the fund, or 4 percent of all grant awards to

the fund for the fiscal year).

- State program assistance (up to 10 percent).
- Small system technical assistance (up to 2 percent).
- Local assistance and state programs, including the delineation and assessment of source water protection areas (up to 10 percent for any one activity with a maximum of 15 percent for all activities combined).

PWSs eligible for DWSRF assistance include community water systems (both publicly- and privately-owned) and nonprofit noncommunity water systems. Federally-owned PWSs are not eligible to receive DWSRF assistance. Appendix A depicts the types of projects and project-related costs that are eligible and ineligible for DWSRF assistance.

Section 1452(b) of the SDWA requires each state to annually prepare an Intended Use Plan (IUP). The IUP must describe how the state intends to use the DWSRF funds to meet the objectives of the SDWA and further the goal of protecting public health. The IUP must be made available to the public for review and comment prior to submitting it to the EPA as part of the capitalization grant application. Specifically, the IUP must include a:

- Priority list of projects, including a description of the projects and the present size of the PWSs served.
- Description of the criteria and methods to be used for the distribution of funds.
- Description of the financial status of the DWSRF Program, including the use of set-asides along with funds reserved, and the amount of funds that will be used to assist disadvantaged communities.
- Description of the short- and long-term goals of the DWSRF Program, including how the capitalization grant funds will be used to ensure compliance and protect public health.

This document is intended to serve as the state of North Dakota's IUP for 2021 and will stay in effect until superseded by a subsequent IUP. In accordance with the authority granted to the NDDEQ under North Dakota Century Code (NDCC) Chapter 61-28.1, this document, based on comments received from the public, will be incorporated into a capitalization grant application and submitted to the EPA to further capitalize the state's DWSRF Program in the amount of \$11,001,000. State match bonds were issued in 2015 and 2018 to provide the 20 percent match for the capitalization grant. Bonds are anticipated to be issued in 2021 to provide state match. If state match bonds are not issued, up to \$5 million could be transferred from the SRF state administrative account in FY2021 for state match funds.

## Priority List of Projects

States are required to develop and maintain a comprehensive priority list of eligible projects for funding and to identify projects that will receive funding in the first year after the capitalization grant award. In determining funding priority, states must ensure to the maximum extent practicable that priority for the use of funds be given to projects that: (1) address the most serious risks to human health; (2) are necessary to ensure compliance under the SDWA; and (3) assist systems most in need on a per household basis (i.e., affordability).

A DWSRF Program may provide assistance only for expenditures (excluding operation, maintenance, and monitoring) of a type or category which will facilitate compliance or otherwise significantly further health protection under the SDWA. Projects eligible for DWSRF financial assistance include investments to:

- Address present SDWA exceedances.
- Prevent future SDWA exceedances (of regulations presently in effect).
- Replace aging infrastructure.
- Restructure or consolidate water supplies.
- Buy or refinance existing debt obligations (publicly-owned systems only) where the initial debt was incurred and construction started after July 1, 1993.

## Development Process

As part of the IUP development process, all potential DWSRF loan recipients were requested to notify the NDDEQ if they had a drinking water project not presently on the list and for which they were interested in pursuing DWSRF financial assistance. Systems with previously ranked and listed projects were requested to provide the NDDEQ with a written update for each project either not yet under construction or under construction using funds other than DWSRF funds. The updates were to include a detailed project description and cost estimate, the amount of DWSRF funds needed, and the anticipated construction start date. In lieu of this information, systems were asked to inform the NDDEQ if they no longer intended to complete a project or no longer intended to complete a project using DWSRF assistance. Systems requesting ranking of new projects were provided ranking questionnaires. Requests for project re-ranking or deletion were evaluated on a case-by-case basis, with ranking questionnaires provided as needed. Several projects were deleted due to completion (with or without DWSRF assistance) or the acquisition of other funding sources.

Finalized project priority lists may be amended to include new non-emergency projects. Amendments are subject to public review and comment and may require North Dakota

State Water Commission approval. North Dakota plans to amend its 2021 IUP in June 2021. Projects added to the priority list during the mid-year amendment will not be eligible for loan forgiveness until the subsequent year.

### **Priority Ranking System**

The priority ranking system was developed by the NDDEQ, the state agency with primary enforcement authority for the SDWA. The priority ranking system is designed to ensure that DWSRF funds are focused on solutions to address the most serious risks to human health, rectify SDWA compliance problems, and assist those systems most in need based on affordability considerations. The priority ranking system has received both EPA Region VIII and Headquarter concurrence. The priority ranking system will be amended as needed to reflect the changing nature of the SDWA and the DWSRF Program. Any significant amendments will be presented for public review and comment in an IUP.

### **Comprehensive Project Priority List and Fundable List**

Appendix B contains the comprehensive project priority list. The fundable list represents those projects from the comprehensive project priority list anticipated to receive loan assistance this year. The list of projects is based on anticipated start dates, projected funding needs, and expected available loan funds (see Financial Status section of this document). The list will change if such information or assumptions vary, if higher ranked projects not on the list become ready to proceed, or if projects on the list are bypassed (see Criteria and Methods for the Distribution of Funds section of this document).

## Criteria and Methods for the Distribution of Funds

To the maximum extent possible, states are required to prioritize projects needed for SDWA compliance, projects that provide the greatest public health protection, and those projects that assist systems most in need based on affordability. The information below describes the process used by the NDDEQ to select projects for potential DWSRF assistance.

### Ranking and Project Bypass Considerations

It is the intent of the NDDEQ that DWSRF funds are directed toward North Dakota's most pressing SDWA compliance problems and public health protection needs. To this end, the NDDEQ reserves the right to require the separation of project components into separate projects, if feasible and necessary, to focus on critical water supply problems. Project components which are separated will be ranked independently. Projects for existing PWSs, including refinancing projects, will be given preference over projects for the development of new water systems.

Under the SDWA, DWSRF funds may be used to buy or refinance existing local debt obligations (for publicly-owned systems only) where the initial debt was incurred and construction started after July 1, 1993. Cross-cutter requirements, including American Iron and Steel and Davis Bacon wage rate requirements, apply to these projects. American Iron and Steel requirements apply to projects with construction after December 16, 2014. Davis Bacon wage rate requirements apply to projects with construction after October 30, 2009. DWSRF assistance requests of this type, if eligible, will be ranked based on the original purpose and success of the constructed improvements. In the event of a tie in project rankings, new projects for existing systems will be given preference over refinancing projects.

The NDDEQ reserves the right to fund lower-ranked projects ahead of higher-ranked projects based on the considerations below. To the maximum extent possible, the NDDEQ will work with bypassed projects to ensure that they will be eligible for funding in the following fiscal year. Criteria reviewed in bypassing a project include:

- Readiness to proceed (i.e., applicant is prepared to begin construction and is immediately ready or poised to be ready to enter into assistance agreements).
- Willingness to proceed (e.g., applicant withdraws project from consideration, obtains other funding sources, or is nonresponsive).
- Emergency conditions (i.e., an unanticipated failure occurs requiring immediate attention to protect public health).
- Financial (includes inability to pay and loan repayment issues), technical, or

managerial capability.

- Meets the 15 percent requirement (i.e., funding lower-ranked project would satisfy the requirement that at least 15 percent of the funds available for construction be used annually to provide loan assistance to PWSs that serve populations of fewer than 10,000 persons).
- Inability to verify initial ranking score.

The NDDEQ reserves the right to fund unanticipated, non-ranked emergency projects requiring immediate attention to protect public health without going through a public review process. Such assistance will be limited to (1) eligible PWS types and project features and (2) situations involving acute contaminants, loss or potential loss of a water supply in the near future, or that otherwise represent an unreasonable risk to health.

### Capacity

Section 1452 of the 1996 SDWA Amendments precludes states from providing DWSRF assistance to any eligible PWS that lacks the capacity to maintain SDWA compliance, unless the PWS owner or operator agrees to undertake feasible and appropriate changes to ensure compliance over the long term. States are also precluded from providing DWSRF assistance to any eligible PWS that is in significant noncompliance with any requirement of a National Primary Drinking Water Regulation (NPDWR) or variance, unless such assistance will ensure compliance. In the context of the SDWA, PWS capacity refers to the overall technical, managerial, and financial capability of a PWS to consistently produce and deliver drinking water meeting all NPDWRs. The NDDEQ has the legal authority and responsibility under NDCC Chapter 61-28.1 to ensure PWS capacity.

The NDDEQ will use the DWSRF loan application as the principal control point for capacity assessment. Information from the loan application and other available and relevant information (such as SDWA compliance data, sanitary survey reports, and operator certification status) will be evaluated to assess capacity at present and for the foreseeable future. The North Dakota Public Finance Authority (PFA), as financial agent for the DWSRF Program through formal agreement, will evaluate the financial information provided in the loan application. Based upon input provided by the NDDEQ regarding technical and managerial capability, the PFA will make recommendations to the NDDEQ concerning financial capability. The final decision regarding overall capacity will be made by the NDDEQ.

As required by the SDWA, DWSRF assistance will be denied to applicants considered priority systems because they score 11 or higher in the Enforcement Tracking Tool if it is

determined that the project will not ensure compliance. Likewise, DWSRF assistance will be denied to applicants that lack capacity if they are unwilling or unable to undertake feasible and appropriate changes to ensure capacity over the long term. The lack of capacity at the time of loan application will not preclude DWSRF assistance if the project will ensure compliance, or the applicant agrees to implement changes that will rectify capacity problems. On a case-by-case basis, special conditions may be included in loan agreements to rectify compliance and/or capacity problems. As needed and appropriate, the NDDEQ will utilize other specific legal authorities as control points to ensure capacity. This includes the review and approval of plans and specifications. Under NDCC Chapter 61-28.1 and North Dakota Administrative Code (NDAC) Chapters 33.1-03-08 and 33.1-18-01, the NDDEQ is both empowered and required to review and approve plans and specifications for all new or modified drinking water facilities prior to construction.

## Set-Aside and Fee Activities

Under the SDWA, states are required to set aside a percentage of their available DWSRF loan funds to provide financial assistance to small systems. States, at their option, may also set aside a portion of their federal DWSRF allotment for other project and non-project activities and assess fees on loans to assist with administration costs. A description of the different set-asides and past/proposed activities related to set-asides and fees follows.

### Mandatory Small System Project Set-Aside

To the extent that there are enough eligible projects to fund, states must annually use at least 15 percent of all funds credited to the DWSRF loan fund to provide loan assistance to PWSs that serve fewer than 10,000 people. States that exceed the 15 percent requirement in any one year are permitted to reserve the excess for future years.

A total of 279 loans totaling \$685,862,174 have been approved as of June 30, 2020. Of these, 232 loans (totaling \$295,540,855 or 43.1 percent of loan total) represent PWSs that serve fewer than 10,000 people. The NDDEQ envisions that additional loans will be made to small PWSs based on the comprehensive project list and fundable list (See Appendix B).

### Mandatory Additional Subsidization Set-Aside

Congress has mandated in previous appropriations bills that 14 to 30 percent of assistance provided from DWSRF capitalization grants be in the form of additional subsidies. The DWSRF program provides these additional subsidies as loan forgiveness. The NDDEQ has the authority under state law (NDCC Chapter 61-28.1) to provide financial assistance through the DWSRF as authorized by federal law and EPA.

Mandatory additional subsidization of 14 percent applies to the FY 2021 DWSRF allotment. To address this requirement, 14 percent (the minimum required) plus \$100,000 additional subsidization will be made available as loan forgiveness.

For 2021, projects that contain lead service line replacement activities will qualify for up to 90 percent loan forgiveness for the lead service line replacement portions of the project. Loan forgiveness will be allocated based on position on the project priority list for loan applications submitted until April 1, 2021 and then will be allocated on a first-come first-serve basis of loan application submittal, thereafter. DWSRF loan and loan forgiveness can be bundled together with funding from other sources to form funding packages for projects. The combined loan forgiveness and grant in a bundled funding package must be less than or equal to 90 percent of all project costs.

The 2021 capitalization grant allows states to use additional subsidization for debt incurred prior to December 27, 2020 if the state, with concurrence from the EPA Region, determines that such funds could be used to help address a threat to public health from heightened exposure to lead in drinking water. Priority will be given to financing new construction, then remaining funds will be used to finance prior construction.

Timely progression of additional subsidization projects is required. To ensure this, there will be a first loan draw deadline, a construction contract notice of award deadline, and a loan forgiveness disbursement deadline. If projects identified as receiving additional subsidization do not meet these deadlines, the additional subsidization set-aside will be used to fund lower-ranked projects on the project priority list.

### **Disadvantaged Community Set-Aside**

States shall provide additional loan subsidies (i.e., reduced interest or negative interest rate loans, principal forgiveness) to benefit communities meeting the definition of disadvantaged or which the state expects to become disadvantaged as the result of the project. A disadvantaged community is one in which the entire service area of a PWS meets affordability criteria established by the state following public review and comment. The value of the subsidies may not be less than 6 percent or more than 35 percent of the amount of the federal capitalization grant for any fiscal year. For 2021, the DWSRF will distribute at least 20 percent but not more than 21 percent of the amount of the capitalization grant.

Criteria for determining the amount of loan forgiveness is on a project-specific basis. Loan forgiveness will be based on the relative future water cost index (RFWCI). The RFWCI is defined as the ratio of the expected average annual residential water user charge resulting from the project, including costs recovered through special assessments, to the local median household income (based on the most-recent American Communities Survey 5-Year Estimate).

For 2021, projects with a RFWCI of 2.0 percent or greater will qualify for 75 percent loan forgiveness. Projects with a RFWCI of 1.5 percent to 1.9 percent will qualify for 40 percent loan forgiveness. Projects with a RFWCI of less than 1.5 percent will not qualify for any loan forgiveness. Projects that do not qualify for loan forgiveness still qualify for a traditional DWSRF loan.

Loan forgiveness will only be used to finance new construction. DWSRF loan and loan forgiveness can be bundled together with funding from other sources to form funding packages for projects. The combined loan forgiveness and grant in a bundled funding package must be less than or equal to 90 percent of project costs.

Timely progression of additional subsidization projects is required. To ensure this, there will be a first loan draw deadline, a construction contract notice of award deadline, and a loan forgiveness disbursement deadline. If projects identified as receiving additional subsidization do not meet these deadlines, the additional subsidization set-aside will be used to fund lower-ranked projects on the project priority list.

The fundable portion of the comprehensive project priority list depicts 20 percent plus \$100,000 additional subsidization through loan forgiveness.

### **Optional Non-Project Set-Asides**

States may use a portion of their federal DWSRF allotment (up to specified ceilings) for the following non-project set-aside activities:

- DWSRF Program administration - the maximum of \$400,000, 1/5 percent of the current valuation of the fund, or 4 percent of all grant awards to the fund for the fiscal year.
- State program administration - up to 10 percent.
  - Public Water Supply Supervision (PWSS) Program
  - Source water protection program(s)
  - Capacity development program
  - Operator certification program
- Small system technical assistance (serving 10,000 or fewer people) - up to 2 percent.
- Local assistance and other state programs - up to 10 percent for any one activity with a maximum of 15 percent for all activities combined.
  - Loans to PWSs to acquire land or conservation easements for source water protection programs.
  - Loans to community water systems to implement source water protection measures or to implement recommendations in source water petitions.
  - Assist PWSs in capacity development.
  - Assist states in developing/implementing EPA-approved wellhead protection programs.

States may transfer funds among the non-project set-aside categories or between the loan fund and such set-aside categories, provided that the statutory set-aside ceilings are not exceeded. Non-project set-aside funds may be transferred at any time to the loan fund. However, loan commitments must be made for the transferred funds within one year of the transfer of payments that have already been taken for the set-aside funds. Monies intended for the loan fund may be transferred to non-project set-asides

only if no payments have yet been taken for the monies to be transferred. Otherwise, funds in or transferred to the loan fund must remain in the loan fund. Transfers may be done only if described in an IUP and approved by the EPA as part of a capitalization grant agreement or amendment.

### **Non-Project Set-Aside and Fee Activity**

Appendix D depicts non-project set-aside and fee activity. The FY2021 federal DWSRF allotment for North Dakota is \$11,001,000. The NDDEQ intends to set aside none of the allotment for non-project activities and will instead utilize existing open capitalization grants and/or its 0.5 percent administration fee for funding these activities. The NDDEQ will reserve \$1,100,100 of PWSS Program set-aside funds from the FY2021 capitalization grant for use in future years, in addition to funds held in reserve from previous years. The NDDEQ will reserve its 2 percent set-aside for small system technical assistance (\$220,020) for use in future years. The DWSRF administration set-aside method used is the 1/5 percent of the current valuation of the fund option. The current valuation of the fund as of December 31, 2019 was \$256,978,000 according to audited financial statements, which results in an administration set-aside of \$513,956. All of this amount will be held in reserve for future years as the DWSRF Program will use the SRF administrative set-aside to fund DWSRF administrative activities.

Under the SDWA, states are permitted to assess fees on loans to support DWSRF administration costs. North Dakota DWSRF loan recipients are required to pay an annual loan administration fee presently set at 0.5 percent of the outstanding loan principal balance. This loan administration fee is payable semiannually on each loan payment date. The fees are held under the master trust indenture and are available to pay DWSRF administration costs allowable under the SDWA. Fees will also be used to fund Planning Assistance Reimbursement Grants as described below. To enable continued management of the DWSRF once the DWSRF is no longer annually capitalized through federal grants, loan administration fees will be held and used for loan-bond servicing and DWSRF administration as allowed under the SDWA. The loan administration fees were also used from 2008 to 2016 as a source of 1:1 match that is required when using the state program administration set-aside to administer the PWSS Program.

To meet congressional and EPA capitalization grant spend-down intent for the DWSRF Program, funds from any of the set-asides may be moved to the construction loan fund during 2021. This amount will also be held in reserve for use from future capitalization grants.

## **Planning Assistance Reimbursement (PAR) Grants**

The DWSRF Program plans to offer grants to assist communities in developing shovel-ready projects. For 2021, grants will be awarded to communities with populations of less than 2,500 people on a first-come first-served basis. Applications will be sent to systems with projects that have been identified by the Intended Use Plan as potential loan forgiveness recipients in future years. Also, applications will be distributed to potential projects that plan to be included on future IUPs. Planning grants will be awarded to systems that intend to follow through with the study's recommendations and anticipate seeking a DWSRF loan to do so. The grant may cover up to 80% of the costs (for a maximum of \$15,000) for completion of a project-specific engineering report. Grants will be funded from the SRF administrative account.

## Financial Status

The information presented below describes the financial structure of the North Dakota DWSRF, the method used to generate the required state match, transfers between state revolving loan funds (SRFs), the basis for approving loans, loan assistance terms (including a discussion concerning market interest rates in North Dakota), sources and intended use of funds, and special considerations for State and Tribal Assistance Grants (STAG) grants.

### Financial Structure

Bonds for the 20 percent state match are issued by the PFA under a master trust indenture adopted by the Industrial Commission of North Dakota. The PFA may also issue leveraged bonds under the master trust indenture, the proceeds of which can be used to fund loans.

The current demand for DWSRF loan assistance in North Dakota exceeds authorized federal DWSRF allotments and the required state match for those allotments. Under the financial structure initially established for the DWSRF, excess leveraging and higher loan interest rates would be needed to satisfy this excess demand.

A modified financial structure within the existing master trust indenture has been implemented to better satisfy the continuing high demand for DWSRF financial assistance, yet avert excessive leveraging and higher loan interest rates. Under the modified structure, DWSRF allotments and state match bond proceeds will be used first to fund loans. Leveraged bonds will be issued only if (1) loan demand exceeds the amount of DWSRF allotments and state match available for loans or (2) deemed in the best interest of the program. If leveraged bonds are issued, they will be sized together with DWSRF allotments and state match to satisfy current cash flow needs as represented by the projected annual construction costs of eligible projects. This funding approach will expedite loan assistance to more projects that are ready to proceed to construction, avert premature or unnecessary bond issuances, and ensure a more reliable loan repayment stream to satisfy both bond debt service requirements and future loan demand.

In the event there are insufficient amounts available to make scheduled principal and interest payments on outstanding DWSRF bonds when payments are due, the master trust indenture for the DWSRF provides the trustee may transfer available excess revenues from the Clean Water State Revolving Fund (CWSRF) to the DWSRF bond fund to meet the deficiency. Following such a transfer, the DWSRF has an obligation to reimburse the CWSRF with future available DWSRF excess revenues.

## **State 20 Percent Match Requirement**

Under the SDWA, states are required to match their DWSRF allotment at an amount at least equal to 20 percent. North Dakota has issued state match bonds to satisfy match requirements through FY2025. It is anticipated that additional State Match bonds will be issued in 2021.

## **Anticipated Proportionality Ratio**

Leveraged and state match bonds were sold in 2018. The required 20 percent state match has been provided through approximately FY2025. Payments were made using 100 percent state match funds until all of the match funds were disbursed. The program is in an over-matched condition at this time.

## **Disbursement of Funds**

Funds will be disbursed in the following order: federal capitalization grants, state match bond proceeds, leveraged bond proceeds, and FCLA. All state match funds have been disbursed and the DWSRF is currently over-matched. Set-asides are closely monitored and disbursed quickly when requests are made to ensure timely expenditure and avoid over-accumulation. All federal funds are disbursed in a first-in, first-out manner.

## **Transfer of Funds Between DWSRF and CWSRF**

At the governor's discretion, a state may transfer up to 33 percent of its DWSRF capitalization grant to the CWSRF or an equal amount from the CWSRF to the DWSRF. In addition to transferring grant funds, states can transfer state match, investment earnings, principal and interest repayments, unrestricted cumulative excess, restricted cumulative excess, or FCLA funds between SRF programs.

Transfers were authorized by the governor in 2002, 2004, 2007, 2009, and 2015. These funds are transferred between the programs on an as-needed basis. The governor's authorizations are as follows:

- 2002 - \$10 million from CWSRF to DWSRF
- 2004 - \$4 million from CWSRF to DWSRF
- 2007 - \$20 million from CWSRF to DWSRF (with provision to return funds to CWSRF as needed)
- 2009 - \$2.6 million of American Recovery and Reinvestment Act of 2009 funds from CWSRF to DWSRF
- 2015 - \$60 million from DWSRF to CWSRF (with provision to return funds to DWSRF as needed)

The NDDEQ is anticipating the transfer of funds from the CWSRF in 2021, as authorized in 2015. Approximately \$20 million of non-federal funds will be transferred.

The NDDEQ transfers funds on a net basis, since prior transfers have occurred between the two SRFs. The current net transfer between programs is \$23,984,447 from the CWSRF to the DWSRF. The \$20 million transfer from the CWSRF in 2021 will change the net transfers between programs to \$43,984,447. With this transfer, the DWSRF will be able to fund additional water projects during 2021. Transferring funds will not impact DWSRF set-aside funding. Appendix E itemizes the amount of funds transferred to and from the DWSRF Program.

### **Funding Process**

Projects may be submitted to the NDDEQ each year for consideration and inclusion into an IUP. A new IUP is developed for public review and comment in the fall of each year. New and eligible projects for which ranking questionnaires are submitted are evaluated, ranked (if possible), and included on the comprehensive project priority list. Requests for re-ranking of previously listed and ranked projects are evaluated on a case-by-case basis and may require the completion of an updated ranking questionnaire.

Loan approvals are based on project ranking, readiness to proceed, and availability of funds based on cash flow considerations, including projected disbursements under already approved and potential new loans. The NDDEQ is prepared to issue leveraged bonds if the loan demand exceeds the amount of available DWSRF allotments and state match or if it is in the best interest of the program.

### **Loan Assistance Terms**

The base repayment period for DWSRF loans under the SDWA is 30 years following project completion. The NDDEQ may utilize shorter repayment periods on a project-by-project basis depending on its useful life or the preference of the borrower. Candidate projects include low-cost projects for which minimal water rate increases will be required to retire the loan debt. A 30-year repayment period will be granted if it is determined that the principal portion of the loan for project components that have a useful life of 20 years or less will be paid off within 20 years. Project components considered having a 20-year or less useful life are process equipment, pumps, electrical equipment, controls, and auxiliary equipment. Project components considered to have a 30-year or more useful life are buildings, concrete, other structures, conveyance structures (piping), and earthen structures. The America's Water Infrastructure Act of 2018 authorizes loan terms of 40 years or the useful life of the project for disadvantaged communities and under certain circumstances when purchasing or refinancing debt

obligations for non-disadvantaged communities. The North Dakota DWSRF Program reserves the right to approve loan terms of up to 40 years or the useful life of the project.

The loan interest rate will be 1.5 percent for PWSs that qualify for tax-exempt financing and 2.5 percent for those that do not qualify for tax-exempt financing and/or require the program to issue leverage bonds, except for projects that use leveraged bond proceeds. Leveraged bonds will be discussed later in this section. As discussed under Set-Aside and Fee Activities, an annual loan fee of 0.5 percent is assessed on all loans to support DWSRF administration.

The SDWA requires that the interest rate for a loan be less than or equal to the market interest rate and will adjust as necessary. The NDDEQ will establish as the market interest rate the average interest rate received by North Dakota political subdivisions on bond issues with a 20-year maturity and sold on a competitive or negotiated basis during the prior quarter. This rate will be calculated and updated quarterly based upon the prior quarter bond sales. If there are no qualified bond sales, the market rate for that quarter will be calculated using comparable regional bond issues. Based upon second quarter 2020 North Dakota 20-year competitive bond sales, the current market interest rate is 2.2 percent.

Leveraging the fund is appropriate where financing needs significantly exceed available funds; however, it impacts the DWSRF by reducing the interest rate subsidy provided or reducing future loan capacity. By continuing to leverage, the program will be able to assist more communities currently on the priority list and help those communities achieve or remain in compliance with the SDWA. Loans necessitating leveraging will be subject to a loan interest rate (including the 0.5 percent administration fee) of 75 percent of the current market interest rate, if needed, to maintain program viability. The interest rate on these loans will be more than the regular DWSRF interest rate which currently is 2.0 percent (including the 0.5 percent administration fee). The DWSRF Program anticipates issuing bonds to leverage the program in 2021.

The NDDEQ and the PFA strive to ensure continued long-term viability of the program to provide loans for eligible drinking water projects. To achieve this goal, the refinancing of completed DWSRF projects will not be allowed using the extended-term financing option or the latest interest rate.

### **Sources and Uses of Funds**

Appendix F depicts a detailed breakdown of sources and uses of funds from FY1997 through FY2021. An additional \$114,476,824 of new funds is anticipated to become

available in 2021, making \$68,625,596 available for projects. All the funds are allocated to projects as shown in the Comprehensive Project Priority List and Fundable List (Appendix B).

## Short- and Long-Term Goals

The 1996 SDWA Amendments authorize a DWSRF Program to assist PWSs in financing the costs of infrastructure needed to achieve or maintain compliance with SDWA requirements and to protect public health. The objectives of the NDDEQ's DWSRF Program include addressing public problems and priorities, ensuring compliance with the SDWA, assisting systems to ensure affordable drinking water, and maintaining the long-term viability of the fund. To address these objectives, the DWSRF Program will help ensure that North Dakota's public water supplies remain safe and affordable through prioritized financial assistance, enhanced source water protection activities, and increased technical assistance to small systems. The short and long-term goals set forth below are established to accomplish these objectives.

### Short-Term Goals

1. On December 11, 2020, obtain North Dakota State Water Commission approval of this IUP.
2. Continue to implement the DWSRF Program for the state of North Dakota by funding projects for systems that are having problems maintaining compliance with the lead and copper rule, revised total coliform rule, ground water rule, the arsenic rule, the disinfection byproduct rule series, and the surface water treatment rule series.

### Long-Term Goals

1. Help North Dakota PWSs achieve and maintain compliance with the SDWA. This is accomplished by coordinating with the PWSS Program and targeting those rules with which systems in the state are having problems maintaining compliance. These include the lead and copper rule, revised total coliform rule, ground water rule, the arsenic rule, the disinfection byproduct rule series, and the surface water treatment rule series.
2. Assist the PWSS Program in meeting goals. The DWSRF Program assistance includes providing technical support on infrastructure issues, capacity reviews, and small system technical assistance. Through the small system technical assistance set-aside, the DWSRF Program helps operators become certified and systems return to compliance and maintain capacity.
3. Administer the DWSRF Program in a manner that will maximize the long-term availability of funds for eligible and needed drinking water infrastructure improvements.
4. Assist North Dakota PWSs in improving drinking water quality, quantity, and dependability by providing reduced interest rate and long-term financial

assistance for eligible and needed drinking water infrastructure improvements. This infrastructure assistance helps with compliance of drinking water rules, regionalization/consolidation, and replacement of aging infrastructure.

5. To the greatest extent possible, continue to integrate DWSRF funding with other available funding to maximize the benefits to public water systems and needed drinking water projects statewide. The cooperating agencies include the U. S. Department of Agriculture, Community Development Block Grant Program, North Dakota Department of Land Trusts, the Bank of North Dakota, and the North Dakota State Water Commission.

## **Environmental Results**

1. Loan Fund
  - a. Through June 30, 2020, the fund utilization rate (as measured by the ratio of executed loans to funds available for projects) was 104 percent which is above the June 30, 2019 national average of 95 percent. The 2021 goal is to maintain the fund utilization rate at 90 percent or above.
  - b. Through June 30, 2020, the rate at which projects progressed (as measured by disbursements as a percentage of assistance provided) was 90 percent. This is above the June 30, 2019 national average of 88 percent. The 2021 goal is to maintain the construction pace above 80 percent.
  - c. The DWSRF Program funded nine projects in the first six months of 2020 totaling \$21,724,000 and serving a population of 100,379. The 2021 goal is to fund 12 loans totaling \$15 million and serving a population of 20,000.
2. Set-Asides, Small System Technical Assistance
  - a. The goal for the number of systems receiving training is 120.
  - b. The goal for the number of systems receiving on-site technical assistance is 50.

## Public Participation

A state is required to make its annual IUP available to the public for review and comment prior to submitting it to the EPA as part of its capitalization grant application. States are also required to describe the public review process used and how major comments and concerns received were addressed.

### Process

The public was invited to comment on the draft 2021 IUP at a public hearing held in Bismarck on November 5, 2020. Written comments were accepted until November 19, 2020.

Comments provided are as follows:

- AJ Tuck, Ulteig Engineers, spoke on behalf of the city of Riverdale about the importance of its raw water line replacement project. The project is not on the fundable list and AJ requested that it be reconsidered for inclusion on the fundable list. It was explained that projects on the comprehensive priority list can still apply for funding based on bypass procedures established in the IUP.
- A project for the city of Cavalier (Tracking Number 3400170-18-01) was added to the list.
- A project for East Central Regional Water District (Tracking Number 1801062-15-01) was added to the list.

The public was invited to comment on the draft amended 2021 IUP at a public hearing held via Microsoft Teams on April 29, 2021. Written comments were accepted until May 13, 2021.

Comments provided are as follows:

- Michelle Klose, City of Bismarck, provided an updated project cost for the WTP improvements project (Tracking Number 0800080-21-02). Appendix B was updated accordingly.

## Appendix A

### Eligible and Ineligible Projects and Project-Related Costs Under the Drinking Water State Revolving Loan Fund (DWSRF) Program

#### Examples of Eligible Projects and Project-Related Costs

- Projects that address present Safe Drinking Water Act (SDWA) exceedances.
- Projects that prevent future SDWA exceedances (applies only to regulations in effect).
- Projects to replace aging infrastructure.
- Rehabilitate or develop drinking water sources (excluding reservoirs, dams, dam rehabilitation, and water rights) to replace contaminated sources.
- Install or upgrade drinking water treatment facilities if the project would improve the quality of drinking water to comply with primary or secondary SDWA standards.
- Install or upgrade storage facilities, including finished water reservoirs, to prevent microbiological contaminants from entering the water system.
- Install or replace transmission and distribution piping to prevent contamination caused by leaks or breaks, or to improve water pressure to safe levels.
- Projects to restructure and consolidate water supplies to rectify a contamination problem, or to assist systems unable to maintain SDWA compliance for financial or managerial reasons (assistance must ensure compliance).
- Projects that purchase a portion of another system's capacity if such purchase will cost-effectively rectify an SDWA compliance problem.
- Land acquisition.
  - Land must be integral to the project (i.e., needed to meet or maintain compliance and further public health protection, such as land needed to locate eligible treatment or distribution facilities).
  - Acquisition must be from a willing seller.
- Planning (including required environmental assessment reports), design, and construction inspection costs associated with eligible projects.
- Service lines from the main to the house, including lead service lines.

#### Examples of Ineligible Projects and Project-Related Costs

- Dams or rehabilitation of dams.
- Water rights, except if the water rights are owned by a system that is being purchased through consolidation as part of a capacity development strategy.

- Reservoirs, except for finished water reservoirs and those reservoirs that are part of the treatment process and are located on the property where the treatment facility is located.
- Drinking water monitoring costs.
- Operation and maintenance costs.
- Projects needed mainly for fire protection.
- Projects for systems that lack adequate technical, managerial, and financial capability, unless assistance will ensure compliance.
- Projects for priority systems in the Enforcement Tracking Tool, unless funding will ensure compliance.
- Projects primarily intended to serve future growth.

# Appendix B

Shaded projects are on the fundable list  
Added projects in yellow

## Comprehensive Project Priority List and Fundable List for 2021

Priority Ranking	Tracking No.	System Name	Present Population	Project Description	Project Cost (\$1,000)	Construction Start Date	Est. Loan Term <sup>5</sup>	Engineering Firm
168	1801056-21-01	Agassiz WUD	4,104	User and transmission expansion- Phase II	4,238	2021		AE2S
48	4001153-14-01	All Seasons WUD	1,575	Parallel & looped pipelines to increase flow in low pressure areas	796	2021	30	Bartlett & West
103	4001153-14-02	All Seasons WUD	754	Service to Turtle Mountains/Lake Metigoshe area	796	2021		Bartlett & West
127	4001153-15-01	All Seasons WUD	754	System 4 to system 1 interconnection	6,638	2021		Bartlett & West
5	4001153-21-01	All Seasons WUD	4,200	Refinance of projects for well, reservoir, SCADA, & pipeline improvements	3,929	-	20+	Bartlett & West
49	4001153-21-02	All Seasons WUD	4,200	Increased supply to area around and north of Rolla	371	2021	30	Bartlett & West
19	3200023-21-01	Aneta	222	Water main replacement	3,000	2022		Moore
238	2701506-20-01	Arnegard	300	Water main improvements	2,190	2021		Hyalite
90	0900035-11-01	Arthur	337	Water tower replacement	2,000	2050		Moore
52	2600038-21-02	Ashley	700	Water main replacement & looping	1,000	2021	30	Moore
53	2600038-21-03	Ashley	700	WTP upgrade	1,000	2021	20+	Moore
6	2600038-21-01	Ashley <sup>3</sup>	700	Water tower, well, & transmission line replacement	2,000	2021	20+	Moore
176	0201058-20-01	Barnes RWD	5,037	Additional storage at four booster stations	1,250	2021		Interstate
94	1700059-14-01	Beach	1,013	Transmission main to connect north standpipe to south end of system	2,050	2022		AE2S
167	1700059-20-01	Beach	1,013	Water tower rehab	600	2022		AE2S
31	1700059-21-01	Beach	1,013	Water main & lead service line replacement	2,700	2022		AE2S
62	1700059-18-01	Beach <sup>4</sup>	1,019	Water main & lead service line replacement, transmission main for looping	1,575	2021	30	AE2S
171	4500065-15-01	Belfield	1,013	Transmission main	1,402	2022		Brosz
151	4500065-18-01	Belfield	950	Water main replacement	2,530	2021		AE2S
219	4500065-18-02	Belfield	950	Water storage rehab or replacement	3,100	2021		AE2S
265	5100072-18-02	Berthold	454	Water tower improvements	250	2021		Moore
148	5100072-21-01	Berthold	454	Water main, hydrant, gate valve, & service line replacement	5,000	2021		Moore
42	2900074-20-01	Beulah	3,328	Water main, hydrant, gate valve, & service line replacement	16,630	2023		Interstate
244	0800080-21-02	Bismarck	135,000	WTP improvements	10,600	2021		-
184	0800080-21-01	Bismarck <sup>4</sup>	135,000	Water main & lead service line replacement	3,520	2021		-
209	0700114-20-01	Bowbells	335	Water tower site piping upgrades	177	2021		AE2S
255	0700114-20-02	Bowbells	335	Transmission line improvements	229	2021		AE2S
218	0700114-21-01	Bowbells	359	Water tower replacement	1,800	2021		AE2S
256	0700114-21-02	Bowbells	359	Water main looping	255	2021		AE2S
234	0600119-14-01	Bowman	1,700	Water main replacement (4th Ave W)	1,150	2022		Brosz
246	0600119-19-01	Bowman	1,800	Storage tank improvements	935	2021		Brosz
44	0900134-11-01	Buffalo	225	Water main, service line, gate valve & hydrant replacement	1,900	2022		Moore
210	5100138-12-01	Burlington	1,191	Storage tank	1,700	2023		Ackerman Estvold
208	5100138-18-01	Burlington <sup>4</sup>	1,191	Water main & gate valve replacement	140	2021		Ackerman Estvold

Priority Ranking	Tracking No.	System Name	Present Population	Project Description	Project Cost (\$1,000)	Construction Start Date	Est. Loan Term <sup>5</sup>	Engineering Firm
71	4800152-13-02	Cando	1,115	Water main, service line, gate valve, & hydrant replacement	1,800	2022		Moore
232	1600159-20-01	Carrington	2,220	Water main replacement & rehab	1,000	2021		Interstate
15	1900162-20-01	Carson	263	Water main replacement	5,700	2021	30	Interstate
107	0901060-16-01	Cass RWD	24,000	Transmission lines for correction of water quantity & pressure issues	3,000	2022		AE2S
130	0901060-21-01	Cass RWD	16,250	Reservoir, transmission lines, & PRV vault	7,533	2021		AE2S
249	0901060-21-02	Cass RWD	16,250	Service to Brooktree Park	300	2021		AE2S
109	0900166-20-01	Casselton	2,513	Water main, gate valve, & hydrant replacement	8,000	2022		Moore
239	0900166-19-01	Casselton <sup>4</sup>	2,513	Lead service line replacement	550	2021		Moore
80	3400170-18-01	Cavalier	1,191	Ground storage reservoir	1,750	2021		AE2S
89	3900183-09-01	Christine	150	Water main, gate valve, & hydrant replacement	650	2021		Moore
7	2800194-20-02	Coleharbor	82	Water main & service line replacement	1,500	2022		Moore
3	2800194-20-01	Coleharbor <sup>2</sup>	82	Water storage & pump house improvements	700	2021	20+	Moore
240	3900196-06-01	Colfax	175	Water main replacement	478	2021		
47	0700198-16-01	Columbus	133	Water main improvements	1,537	2021	30	Ackerman-Estvold
85	2000203-21-01	Cooperstown	1,100	Water main, gate valve, & hydrant replacement	350	2021		Moore
206	2001061-21-01	Dakota RWD	2,664	Service to users on private wells	2,331	2021		AE2S
91	2001061-21-02	Dakota RWD	2,664	Well & WTP expansion for service to Hannaford	2,184	2021		AE2S
149	0900217-11-01	Davenport	275	Pump station & water storage replacement, distribution system redundancy	993	2021		Interstate
11	0200226-16-01	Dazey	104	Water main replacement & reservoir system upgrades	250	2021	20+	Interstate
259	4500242-20-01	Dickinson	25,000	State Ave South water main extension	3,000	2021		KLJ
181	4500242-21-01	Dickinson <sup>4</sup>	22,000	Water main, lead service line, and hydrant replacement (Sims St)	5,000	2021		Apex
75	3400269-21-01	Drayton	824	Connection to Walsh RWD, water tower, distribution improvements, & demolition of existing tower & WTP	2,100	2021		AE2S
141	1801062-15-01	East Central RWD	6,750	Transmission lines	6,775	2021		AE2S
113	1801062-21-01	East Central RWD	8,859	Transmission line & WTP improvements	7,778	2021		AE2S
14	1900303-21-01	Elgin	642	Water main replacement	2,271	2021	30	Ulteig
121	3700314-02-01	Enderlin	890	Well field & transmission line	1,650	2021		Moore
122	3700314-02-02	Enderlin	890	Water main replacement	775	2021		Moore
123	3700314-02-03	Enderlin	890	WTP improvements	4,400	2021		Moore
124	3700314-08-01	Enderlin	890	Water tower replacement	1,957	2021		Moore
160	3900333-06-01	Fairmount	367	Water main, gate valve, & hydrant replacement	700	2021		Moore
221	0900336-11-01	Fargo	155,000	High service pump station modifications	9,071	2022		AE2S
222	0900336-11-02	Fargo	155,620	WTP residuals facility	37,132	2023		AE2S
189	0900336-20-03	Fargo	155,620	Water main replacement	40,000	2021		AE2S
223	0900336-21-01	Fargo	155,000	Sheyenne River Fargo emergency water supply	5,000	2021		AE2S
129	TBD-20-01	Fargo Moorhead Diversion Authority	19,500	Relocation of existing drinking water infrastructure for flood resiliency	30,000	2021		AE2S

Priority Ranking	Tracking No.	System Name	Present Population	Project Description	Project Cost (\$1,000)	Construction Start Date	Est. Loan Term <sup>5</sup>	Engineering Firm
190	0900336-18-02	Fargo <sup>4</sup>	115,620	Lead service line replacement	1,200	2021		AE2S
34	0700344-13-02	Flaxton <sup>4</sup>	74	Water main, gate valve, & hydrant replacement	455	2021	30	Ackerman-Estvold
22	1100346-15-01	Forbes	53	Water main, service line, meter, gate valve, & hydrant replacement	1,500	2022		Moore
70	4100357-08-01	Forman	504	Water tower replacement	1,200	2021		Moore
26	4100357-14-01	Forman	504	Well improvements, transmission line replacement	750	2021	20+	Moore
36	4100357-15-01	Forman	504	Distribution system upgrades	900	2022		Moore
1	2400380-19-01	Gackle <sup>3</sup>	310	Well, water meter, pump house, water tower, & water main replacement	1,300	2021	20+	Moore
55	0900387-06-01	Gardner	80	Water main replacement	400	2023		Moore
96	2800389-13-01	Garrison	1,453	WTP improvements	5,000	2021		Moore
143	2800389-15-01	Garrison	1,453	Intake structure replacement	2,000	2021		Moore
110	2801430-19-01	Garrison RWD	1,480	Pump station, ground storage tank, water main, hydrants, & gate valves	1,346	2021		Ackerman Estvold
66	2800389-13-02	Garrison <sup>4</sup>	1,453	Water main replacement & looping	4,500	2021		Moore
8	3000400-19-02	Glen Ullin	807	Water main replacement & looping	2,000	2021	30	Moore
77	3800397-13-01	Glenburn	380	Water main, gate valve, & hydrant replacement	5,500	2021		Moore
144	5000408-02-01	Grafton	4,913	WTP improvements	5,000	2040		AE2S
145	5000408-03-01	Grafton	4,913	Park River water intake improvements	2,000	2036		AE2S
100	5000408-16-01	Grafton	4,913	Raw water transmission line	6,600	2029		AE2S
101	5000408-16-02	Grafton	4,913	Red River water intake improvements	6,600	2029		AE2S
165	1800410-20-01	Grand Forks	56,556	Existing WTP decommissioning	5,000	2021		AE2S
166	1800410-21-01	Grand Forks <sup>4</sup>	57,365	Lead service line replacement	375	2021		-
211	0900412-20-01	Grandin	173	Water tower replacement	1,200	2021		Bolton & Menk
215	2500415-12-01	Granville	330	Water main & gate valve replacement	476	2021		Ackerman-Estvold
212	5300425-20-01	Grenora	350	Water main replacement (Main St)	1,639	2022		Ackerman Estvold
220	5300425-20-02	Grenora	350	Water main replacement (Jetson St)	535	2021		Ackerman Estvold
139	5300425-20-03	Grenora	350	Storage tank replacement	3,225	2023		Ackerman Estvold
82	5300425-20-04	Grenora	350	Water treatment & softening	3,080	2025		Ackerman Estvold
216	5300425-20-05	Grenora	350	Well #1 rehabilitation	1,524	2025		Ackerman Estvold
213	5300425-20-06	Grenora	350	Well #2 rehabilitation	1,811	2025		Ackerman Estvold
185	1300432-21-01	Halliday	3,328	Booster station to increase pressure on the south end of town	750	2022		Interstate
245	3900433-20-01	Hankinson	919	Redundant raw water transmission main	2,000	2021		Bolton & Menk
23	2000446-09-01	Hannaford	150	Water tower replacement & pump house improvements	1,200	2021	20+	Moore
25	5200458-16-01	Harvey	1,783	WTP improvements	750	2021	20+	Moore
251	0900460-16-01	Harwood	718	Water main looping	1,000	2022		Moore
87	4900465-20-01	Hatton	777	Water tower replacement	1,700	2023		Moore
243	2900470-16-01	Hazen	2,411	Water tower	1,500	2021		Moore
180	3000473-20-01	Hebron	675	Water main replacement	1,009	2021		AE2S
257	3000473-21-01	Hebron	675	Water meter replacement	189	2021		AE2S

Priority Ranking	Tracking No.	System Name	Present Population	Project Description	Project Cost (\$1,000)	Construction Start Date	Est. Loan Term <sup>5</sup>	Engineering Firm
65	0100476-20-01	Hettinger	1,200	Water main, gate valve, & hydrant replacement	1,250	2021		Brosz
126	4600487-08-01	Hope	258	Water main extension	200	2021		Moore
266	0900488-15-01	Horace	1,600	Water tower improvements	210	2021		Interstate
264	0900488-16-01	Horace	1,600	Water main, gate valve, & hydrant replacement	4,608	2021		Interstate
60	0900488-18-01	Horace	1,600	WTP improvements	5,915	2021	20+	Interstate
188	0900488-20-01	Horace	1,600	Connection to Cass RWD	1,717	2021		Interstate
83	0900452-15-01	Hunter	261	Pump house upgrades & water tower replacement	2,100	2021		Moore
158	0900452-15-02	Hunter	261	Water main replacement	3,100	2021		Moore
226	4700498-09-01	Jamestown	16,000	Remote reading water meters & software	2,835	2021		Interstate
227	4700498-13-01	Jamestown	16,000	WTP, storage, & distribution system SCADA improvements	455	2021		Interstate
172	4700498-13-02	Jamestown	16,000	WTP filter controls & filter media replacement	860	2021		Interstate
157	4700498-14-01	Jamestown	16,000	Transmission line replacement (WTP to state hospital)	2,760	2021		Interstate
197	4700498-14-02	Jamestown	16,000	Transmission line to improve flow to NE pressure zone	4,968	2021		Interstate
199	4700498-18-01	Jamestown	16,000	Pitless unit well improvements	200	2021		Interstate
200	4700498-18-02	Jamestown	16,000	Water main replacement	1,653	2022		Interstate
228	4700498-18-03	Jamestown	16,000	Lime slaker improvements	290	2021		Interstate
229	4700498-19-01	Jamestown	16,000	Backwash recycle system	400	2021		Interstate
230	4700498-19-02	Jamestown	16,000	Water tower improvements	350	2021		Interstate
201	4700498-21-01	Jamestown	16,000	Water main replacement	1,653	2022		Interstate
10	2300508-15-01	Jud	72	Distribution system & pump house improvements	300	2021	20+	Moore
233	5100515-15-01	Kenmare	1,200	Water main, gate valve, & hydrant replacement	575	2021		Ackerman Estvold
193	2300535-09-01	Kulm	354	Water tower replacement	1,200	2021		Moore
250	2300535-21-01	Kulm	417	Water main & valve replacement	-	-		-
28	3200536-21-01	Lakota	625	Water main, gate valve, hydrant, & service line replacement	1,100	2021	30	Bolton & Menk
170	2300537-14-01	LaMoure	889	Water main replacement & looping	500	2021		Moore
152	1000543-09-01	Langdon	1,878	Water main replacement	2,000	2021		Moore
258	1000543-09-02	Langdon	1,878	Water tower rehabilitation	450	2021		Moore
252	1000543-21-01	Langdon	1,878	Water main looping	740	2021		Moore
32	0300553-13-01	Leeds	427	Well & transmission line upgrades	450	2021	20+	Moore
93	0300553-13-02	Leeds	427	WTP improvements	400	2021		Moore
64	0300553-20-01	Leeds	427	Water main, gate valve, & hydrant replacement	500	2021		Moore
117	0300553-13-03	Leeds <sup>4</sup>	427	Lead service line replacement	650	2021		Moore
39	2600556-11-01	Lehr	80	Water main replacement	500	2022		Moore
18	3900567-16-01	Lidgerwood	652	Water main replacement	510	2021	30	Interstate
102	1500571-21-01	Linton	990	Curb stop replacement	1,500	2022		Ulteig
155	3700574-11-01	Lisbon	2,154	Water well	200	2021		Moore
84	3700574-11-02	Lisbon	2,154	Water main replacement	2,500	2021		Moore
106	3700574-14-01	Lisbon	2,154	WTP upgrades	1,000	2021		Moore
140	5100593-13-01	Makoti	154	Well improvements	400	2021		Moore
45	5100593-13-02	Makoti	154	Water main replacement	2,000	2022		Moore

Priority Ranking	Tracking No.	System Name	Present Population	Project Description	Project Cost (\$1,000)	Construction Start Date	Est. Loan Term <sup>5</sup>	Engineering Firm
260	3000596-13-03	Mandan	22,752	Distribution system improvements (Boundary Road PRV)	568	2021		AE2S
187	3000596-16-03	Mandan	22,752	Raw water intake	36,587	2021		AE2S
242	3000596-19-01	Mandan	22,752	Collins Ave reservoir replacement	3,056	2021		AE2S
182	3000596-21-01	Mandan	22,752	Memorial Highway water main upgrade	6,444	2022		AE2S
261	3000596-21-02	Mandan	22,752	South end pump station expansion	371	2022		AE2S
105	0900613-20-01	Mapleton	1,034	Water main replacement & looping	500	2021		Moore
118	2800619-18-01	Max	334	Water main & service line replacement	551	2021		Ackerman Estvold
142	2800619-20-01	Max	334	Gate valve replacement	130	2021		Ackerman Estvold
99	4900622-16-01	Mayville	1,858	WTP upgrades	750	2021		Moore
33	4900622-20-01	Mayville	1,858	Water main, gate valve, & hydrant replacement	500	2021	30	Moore
4	4200626-19-01	McClusky	380	Water tower, transmission lines, & booster station	3,410	2022		Moore
59	4200626-19-02	McClusky	380	Water main, hydrants, & appurtenances	350	2022		Moore
68	4200626-19-03	McClusky	380	Lead service line replacement	50	2022		Moore
43	2801400-19-01	McLean Sheridan RWD	2,244	WTP & distribution system improvements	11,400	2021	20+	AE2S
12	3200636-19-01	McVille	331	WTP improvements	600	2022		Moore
24	4700637-16-01	Medina	300	WTP & well house improvements	800	2021	20+	Moore
69	4700637-16-02	Medina	300	Water main replacement	2,600	2021		Moore
72	4700637-16-03	Medina	300	Water tower replacement	1,000	2021		Moore
247	3200653-13-01	Michigan	345	Water tower improvements	75	2022		Moore
132	4101425-19-01	Milnor	638	Control replacement, booster station renovation, generator, water main	490	2021		Interstate
253	3800695-14-01	Mohall	757	Water main looping	490	2021		Ackerman Estvold
153	3800695-21-01	Mohall	757	Water main replacement	600	2022		Ackerman Estvold
81	3900703-11-01	Mooreton	197	Gate valve replacement, control upgrades, & bladder tank storage	200	2021		Interstate
61	2400715-13-01	Napoleon	707	Service to residents on private wells, water storage, well, meter, & water main replacement	1,000	2021	20+	Moore
186	2100726-20-01	New England	600	Water main replacement & looping	500	2021		Moore
50	1400732-12-01	New Rockford	1,391	Water main replacement & WTP upgrades	5,800	2021	20+	Interstate
119	3000736-16-01	New Salem	911	Refinance of water main replacement- Phase 1	1,283	-		AE2S
120	3000736-20-01	New Salem	911	Refinance of water main replacement- Phase 2	404	-		AE2S
97	3000736-21-01	New Salem	911	Water main replacement- Phase 3	799	2021		AE2S
214	3100744-18-02	New Town	2,524	Water main & service line replacement	406	2021		Ackerman Estvold
195	1200748-18-01	Noonan	144	Water main replacement (Main St)	671	2022		Ackerman Estvold
134	1200748-20-01	Noonan	144	Water main replacement (Washington St)	551	2022		Ackerman Estvold
202	5101189-19-01	North Prairie RWD	11,354	Generators at reservoirs & booster stations	650	2021		Interstate
92	5101189-19-02	North Prairie RWD	11,116	Service to Benedict as individual users	450	2021		Interstate
74	5101189-20-01	North Prairie RWD	11,354	Distribution system improvement	1,250	2021		Interstate
207	5101189-20-02	North Prairie RWD	11,116	Mountrail County rural water expansion	2,500	2021		Interstate
41	1001380-21-01	Northeast RWD	2,900	Pipeline to increase capacity to Adams	700	2021	30	AE2S
175	1001380-21-02	Northeast RWD	2,900	Service to Milton	892	2022		AE2S

Priority Ranking	Tracking No.	System Name	Present Population	Project Description	Project Cost (\$1,000)	Construction Start Date	Est. Loan Term <sup>5</sup>	Engineering Firm
131	1100758-09-01	Oakes	1,856	Water reservoir, pumping station, & transmission line	720	2021		Moore
191	1100758-11-01	Oakes	1,856	WTP improvements	2,000	2021		Moore
192	1100758-11-02	Oakes	1,856	Well & well house replacement	400	2021		Moore
116	0300762-15-01	Oberon	104	Distribution system replacement	3,100	2021		Moore
112	0300762-15-02	Oberon	104	Well & pump house replacement	550	2021		Moore
51	0200763-09-01	Oriska	128	Reservoir & pump house replacement	550	2021	20+	Moore
224	3100775-21-01	Parshall	903	Water main looping	650	2021		AE2S
254	3100798-16-02	Plaza	171	Hydrant rehab or replacement	530	2021		AE2S
262	0700800-19-01	Portal	150	Water main looping	150	2022		Ackerman Estvold
125	4900803-08-01	Portland	606	Water tower replacement	1,400	2022		Moore
177	2800825-20-01	Riverdale	226	Gate valve replacement	1,217	2021		Ulteig
161	2800825-20-02	Riverdale	226	Raw water supply line replacement	1,752	2021		Ulteig
29	2200827-16-01	Robinson	37	Pumping system improvements & water main, gate valve, hydrant, & curb stop replacement	250	2021	20+	Moore
104	4000834-20-01	Rolla	1,280	Water main, hydrant, lead service line, and storage tank replacement	300	2023		AE2S
58	3500842-20-01	Rugby	2,911	WTP upgrades- Phase 3	1,000	2022		AE2S
57	3500842-21-01	Rugby	2,911	Distribution system replacement	1,500	2022		AE2S
73	3500842-21-02	Rugby	2,911	CO <sub>2</sub> tank for WTP	180	2022		AE2S
13	3500842-21-03	Rugby	2,911	Raw water line & air release valve replacement	7,700	2022		AE2S
114	4100848-16-01	Rutland	163	Water main replacement & looping	500	2022		Interstate
128	5100849-21-01	Ryder	80	Water tower replacement	1,800	2021		-
174	0200858-13-01	Sanborn	194	Water main, service line, gate valve, & hydrant replacement	625	2022		Moore
169	5100868-14-01	Sawyer	367	Water main, gate valve, & hydrant replacement	750	2021		Moore
194	3800877-15-01	Sherwood	256	Water main replacement	414	2021		Ackerman Estvold
56	1400879-15-01	Sheyenne	204	Water main replacement	3,100	2021	30	Moore
133	0500887-20-01	Souris	100	Water main replacement	600	2021		Moore
173	4500891-19-01	South Heart	307	Water main replacement	2,982	2021		Brosz
225	3901068-14-01	Southeast WUD	8,862	Automated meter reading system	2,000	2022		AE2S
179	3901068-20-01	Southeast WUD	8,862	Consolidation or regionalization of water treatment	12,645	2021		AE2S
241	3100898-20-01	Stanley	2,611	Refinance of water main replacement	680	-		Brosz
154	3100898-19-01	Stanley <sup>4</sup>	2,400	Water main, service line, gate valve, & hydrant replacement	450	2021		Brosz
30	4700922-12-01	Streeter	170	Water main extension & looping	500	2021	30	Moore
21	4700922-13-01	Streeter	170	WTP improvements	500	2021	20+	Moore
16	4700922-13-02	Streeter	170	Well & pump house improvements	860	2021	20+	Moore
20	4700922-19-01	Streeter	170	Water tower replacement	1,000	2021	20+	Moore
63	4701303-19-01	Stutsman RWD	6,600	Service to Streeter	554	2021		Bartlett & West
76	4701303-19-04	Stutsman RWD	6,600	Transmission lines & WTP improvements to accommodate new well	2,930	2021		Bartlett & West

Priority Ranking	Tracking No.	System Name	Present Population	Project Description	Project Cost (\$1,000)	Construction Start Date	Est. Loan Term <sup>5</sup>	Engineering Firm
217	5200927-13-01	Sykeston	117	Water main, corporation, curb stop, & hydrant replacement	1,000	2021		Moore
108	5301152-16-01	Tioga	2,500	Water main replacement	9,500	2021		Moore
203	0900945-09-01	Tower City	252	Water tower improvements	250	2021		Moore
79	0900945-12-01	Tower City	252	Water main & hydrant replacement	2,100	2021		Moore
178	0900945-19-01	Tower City	252	Refinance of gate valve & service line replacement	600	-		Moore
40	2500946-21-01	Towner	571	Connection to rural water or WTP improvements	2,000	2021	20+	AE2S
54	2800949-20-01	Turtle Lake	575	Water main replacement & looping	600	2021	30	Moore
237	2800953-20-01	Underwood	1,000	Water meter replacement	250	2021		-
263	2800953-21-01	Underwood	1,000	Water tower improvements	185	2021		-
95	2500956-16-01	Upham	133	Water main, gate valve, hydrant, & service line replacement	508	2021		Ackerman Estvold
235	5101074-20-01	Upper Souris WD	1,365	Water meter replacement	550	2021		AE2S
147	5101074-21-01	Upper Souris WD	2,435	Parallel pipelines, pump station improvements, & SCADA to increase flow & pressure	4,072	2022		AE2S
163	0200958-20-01	Valley City	6,585	Water main & service line replacement (7th Ave NW & 2nd Ave NE)	594	2021		KLJ
164	0200958-20-02	Valley City	6,585	2021 water main & service line replacement	825	2021		KLJ
88	0200958-21-01	Valley City	6,585	Water main & service line replacement (6th Ave NW)	350	2022		KLJ
86	2500964-19-01	Velva <sup>4</sup>	1,265	Water main & service line replacement	588	2021		Ackerman Estvold
27	2300969-12-01	Verona	85	Water main & meter replacement	515	2021	20+	Moore
37	2300969-14-01	Verona	85	Reservoir & pump house replacement	300	2021	20+	Moore
146	2300969-19-01	Verona	85	Water meter replacement	100	2021		Moore
156	3900973-04-01	Wahpeton	7,766	Water main replacement & looping (4th St, Oakwood Court, 8th Ave S, 5th Ave N)	284	2023		-
78	3900973-16-01	Wahpeton	7,766	WTP improvements	10,707	2025		Stantec
135	3900973-18-01	Wahpeton	7,766	Water main replacement (12th St & Loy Ave)	1,326	2022		Interstate
136	3900973-18-03	Wahpeton	7,766	Water main replacement (15th Ave N & 14th St N)	1,102	2024		-
137	3900973-18-04	Wahpeton	7,766	Water main replacement (8th Ave N)	1,715	2023		Interstate
162	3900973-19-01	Wahpeton	7,766	Well field relocation, well house, & controls	6,654	2023		-
196	3900973-20-01	Wahpeton	7,766	Water main & service line replacement (Dakota Ave side streets)	1,098	2022		Interstate
138	3900973-19-02	Wahpeton <sup>4</sup>	7,766	Water main replacement (2nd St N)	1,196	2021		Interstate
98	5001075-19-01	Walsh RWD	3,358	Service to residents on private wells, pipelines to increase capacity, & interconnection with NRWD	849	2021		AE2S
46	5001075-20-01	Walsh RWD	3,358	Service to Drayton	550	2021	30	AE2S
231	2800989-18-01	Washburn	1,313	Intake, wet well, & pump house	4,657	2021		AE2S
248	5301686-20-01	WAWSA	0	Acquisition of Williston WTP	8,565	-		AE2S
111	5301686-21-01	WAWSA	0	2021 improvements & expansion	28,215	2021		AE2S
183	0900999-19-01	West Fargo	35,000	Water main replacement	2,000	2021		-
236	5101447-16-01	West River WD	650	Service line replacement	453	2021		Ackerman Estvold
198	0501001-09-01	Westhope	429	Water main & service line replacement	462	2021		Ackerman Estvold

Priority Ranking	Tracking No.	System Name	Present Population	Project Description	Project Cost (\$1,000)	Construction Start Date	Est. Loan Term <sup>5</sup>	Engineering Firm
159	5301011-20-01	Wildrose	150	Water main replacement	489	2022		Ackerman Estvold
270	5201012-19-04	Williston	30,000	Water main improvements (47th St, 6th Ave, 44th St)	690	2022		AE2S
267	5201012-19-05	Williston	30,000	Water main improvements (Borsheim Addition)	2,200	2022		AE2S
268	5201012-19-06	Williston	30,000	Water main improvements (Front St & Reiger Dr)	1,449	2022		AE2S
269	5201012-19-07	Williston	30,000	Water main improvements (Sunset, Kettler, & Morelli Subdivisions)	743	2022		AE2S
150	0801031-18-01	Wilton <sup>4</sup>	750	Water main replacement	2,946	2021		Ulteig
9	0801036-20-01	Wing	152	Distribution system replacement	1,400	2021	30	Moore
38	0801036-21-01	Wing	152	Chemical feed building & equipment, decommissioning of well house & well, controls & gate valve for water tower	425	2021	20+	Moore
2	0801036-19-01	Wing <sup>2</sup>	152	Water tower, water main, hydrant, & gate valve replacement	1,400	2021	20+	Moore
204	2601037-18-01	Wishek	1,002	Water meters and meter reading software	410	2021		Interstate
205	2601037-20-01	Wishek	1,002	Hydrant replacement	350	2021		Interstate
115	2601037-20-02	Wishek	1,002	Iron & manganese removal equipment	1,200	2021		Interstate
35	3901043-08-01	Wyndmere	429	Distribution system improvements	1,000	2022		Bolton & Menk
67	3901043-16-01	Wyndmere	429	Service line, water meter, & SCADA system replacement	1,000	2022		Bolton & Menk
17	3901043-20-02	Wyndmere	429	Distribution system improvements (Phase II & III- from 3rd St to the west)	8,000	2023		Bolton & Menk

**Total Project Cost:** 680,518

<sup>1</sup> It is unknown at this time if mandatory additional subsidization will apply to the 2021 DWSRF allotment. To address this potential requirement, a funding level of \$2,202,200 has been assumed for additional subsidization (as loan forgiveness). Adjustments will be made, as necessary, based on the actual requirements and capitalization grant amount.

<sup>2</sup> These projects appear eligible for 75% loan forgiveness. The actual loan forgiveness amount is dependent upon available funds. Loan forgiveness eligibility will be confirmed when the loan application is submitted.

<sup>3</sup> These projects appear eligible for 40% loan forgiveness. The actual loan forgiveness amount is dependent upon available funds. Loan forgiveness eligibility will be confirmed when the loan application is submitted.

<sup>4</sup> These projects appear eligible for lead service line replacement loan forgiveness. The actual loan forgiveness amount is dependent upon available funds. Loan forgiveness eligibility will be confirmed when the loan application is submitted.

<sup>5</sup> Estimated length of the loan term only. The loan term will be set at the time of loan approval.

# Appendix C

STATE OF NORTH DAKOTA

PRIORITY RANKING SYSTEM FOR FINANCIAL ASSISTANCE THROUGH THE DRINKING WATER  
STATE REVOLVING LOAN FUND (DWSRF) PROGRAM

DWSRF PROGRAM  
DIVISION OF MUNICIPAL FACILITIES  
NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY

October 2019

---

The following criteria and point system is utilized by the DWSRF Program to rank eligible projects for potential financial assistance through the DWSRF Program:

- Water Quality (35 points maximum)
- Water Quantity (20 points maximum)
- Affordability (15 points maximum)
- Infrastructure Adequacy (15 points maximum)
- Consolidation or Regionalization of Water Supplies (10 points maximum)
- Operator Safety (5 points maximum)

**Maximum Total Points = 100**

DWSRF funds may be used to buy or refinance existing local debt obligations (publicly owned systems only) where the initial debt was incurred and the construction started after July 1, 1993. DWSRF assistance requests of this type, if eligible, will be ranked based on the original purpose and success of the constructed improvements.

Creation of New Systems - eligible projects are those that, upon completion, will create a community water system (CWS) to address existing and serious public health problems caused by unsafe drinking water from individual wells or surface water sources. Eligible projects are also those that create a new regional CWS by consolidating existing systems with technical, financial, or managerial difficulties. Projects to address existing public health problems associated with individual wells or surface water sources must be limited in scope to the specific geographic area affected by contamination. Projects that create new regional CWSs by consolidating existing systems must be limited in scope to the service area of the systems being consolidated. A project must be a cost-effective solution to addressing the problem. Applicants must ensure that sufficient public notice has been given to potentially affected parties and consider alternative solutions to addressing the problem. Capacity to serve future population growth cannot be a substantial portion of the project.

<b>Water Quality</b> (select all that apply, 35 points maximum) <sup>1,2</sup>	
A. Documented waterborne disease outbreaks within last 2 years.	20
B. Unresolved nitrate or nitrite maximum contaminant level (MCL) exceedance(s), OR acute microbiological MCL exceedance(s) within last 12 months.	15
C. Exceedance(s) of EPA-established unreasonable risk to health (URTH) level(s) within last 4 years for regulated chemicals or radionuclides (excludes nitrate and nitrite).	10
D. Disinfection treatment inadequate to satisfy one of the following: <ul style="list-style-type: none"> <li>• The Surface Water Treatment Rule (SWTR)</li> <li>• The Enhanced SWTR (ESWTR)</li> <li>• The Groundwater Rule (GWR) once finalized</li> <li>• Groundwater source(s) deemed by the PWSS to be under the direct influence of surface water</li> <li>• Multiple turbidity treatment technique requirement (TTR) violations within last 2 years (includes at least one event where the maximum allowed turbidity was exceeded)</li> </ul>	8
E. Multiple turbidity TTR violations within last 2 years (no events where the maximum allowed turbidity was exceeded), OR 3 or more non-acute microbiological MCL violations within last 12 months.	7
F. MCL or TTR exceedance(s) (no URTH level exceedances) within last 4 years (excludes microbiological contaminants, nitrate, nitrite, and turbidity).	6
G. Potential MCL or TTR compliance problems based on most recent 4-year period (excludes microbiological contaminants and turbidity).	
75% to 100% of MCL or TTR	5
50% to 74% of MCL or TTR	4
H. General water quality problems (see table on page 5).	
Significant general water quality problem	4
Moderate general water quality problem	3
Minor general water quality problem	2

<b>Water Quantity</b> (select all that apply, 20 points maximum) <sup>2,3</sup>	
A. Correction of a critical water supply problem involving the loss or imminent loss of a water supply in the near future.	20
B. Correction of an extreme water supply problem. Maximum water available < 150 gallons per capita per day (gpcd) (community water systems only), OR continuous water shortages during all periods of operation (non-profit non-community water systems only).	10

C. Correction of a serious water supply problem. Maximum water available <200 gpcd (community water systems only), OR daily water shortages, or inability to meet peak daily water demand at a frequency of at least once per week during all periods of operation (non-profit non-community water systems only).	7
D. Correction of a moderate water supply problem. Maximum water available <250 gpcd (community water systems only), OR occasional daily water shortages, or occasional inability to meet peak daily water demands on a seasonal basis (non-profit non-community water systems only).	4
E. Correction of a minor water supply problem. Maximum water available <300 gpcd (community water systems only), OR sporadic water shortages or occasional inability to meet peak water demands (non-profit non-community water systems only).	2

<b>Affordability</b> (for the applicable subcategory, select one for each item, 15 points maximum)	
A. Community Water Systems	
Relative income index- ratio of local or service area annual median household income (AMHI) to the state nonmetropolitan AMHI (based on the most recent ACS 5-Year Estimates)	
≤60%	8
61% to 70%	7
71% to 80%	5
81% to 90%	3
91% to 100%	1
Relative future water cost index- ratio of expected average annual residential water user charge resulting from the project, including costs recovered through special assessments, to the local AMHI (based on the most recent ACS 5-Year Estimates)	
>2.5%	7
2.0% to 2.5%	6
1.5% to 1.9%	5
1.0% to 1.4%	3
0.5% to 0.9%	1

B. Non-profit Non-community Water Systems	
Relative income index- ratio of local or service area AMHI to the state non-metropolitan AMHI (based on the most recent ACS 5-Year Estimates)	
≤60%	8
61% to 70%	7
71% to 80%	5
81% to 90%	3
91% to 100%	1
Relative future water cost index- ratio of expected annual water service expenditures resulting from the project to total annual operating expenses	
>20%	7
15% to 20%	6
10% to 14%	5
5% to 9%	3
2% to 4%	1

<b>Infrastructure Adequacy</b> (select all that apply, 15 points maximum)	
A. Correction of general disinfection treatment deficiencies - excludes improvements necessary to directly comply with the SWTR, the ESWTR, or the GWR.	3
B. Correction of well construction or operating deficiencies.	3
C. Correction of distribution system pressure problems (dynamic pressure <20 psi).	3
D. Replacement of deteriorated water mains.	3
E. Replacement of deteriorated finished water storage structures.	3
F. Replacement of distribution system piping/materials shown via DWP-approved testing to contribute unacceptable levels of lead or asbestos.	3
G. Water treatment plant operating at or above design capacity.	3
H. Water treatment plant operating at or beyond useful or design life.	3
I. Correction of specific design or operating deficiencies associated with water treatment plant unit processes (excludes disinfection treatment).	2
J. Correction of specific design or operating deficiencies associated with surface water intake facilities.	2
K. Correction of specific design or operating deficiencies associated with finished water storage facilities.	2
L. Correction of specific design or operating deficiencies associated with raw or finished water pumping facilities.	2
M. Correction of specific design or operating deficiencies associated with raw or finished water distribution system piping.	2

N. Correction of specific design or operating deficiencies associated with chemical feed installations (excludes disinfection).	2
O. Provision of a second well where only one functional well exists for systems relying solely on their own groundwater supplies.	2
P. Replacement of inoperative, obsolete, or inadequate instrumentation or controls.	2

<b>Consolidation or Regionalization of Water Supplies</b> (select all that apply, 10 points maximum)	
A. Correction of Safe Drinking Water Act (SDWA) compliance problem(s) or extreme to critical water supply problem(s) for one or more PWSs through consolidation with another PWS or regionalized service provided by another PWS.	4
B. Correction of contamination problems (regulated contaminants) or extreme water quantity problems (no water, imminent loss of water supply, or continuous/frequent daily water shortages) for individual residences or businesses through consolidation with another PWS or regionalized service provided by a PWS.	3
C. Correction of potential MCL or TTR compliance problems, general water quality problems, or moderate to serious water quantity problems for one or more PWSs through consolidation with another PWS or regionalized service provided by another PWS.	2
D. Correction of general water quality problems or moderate water quantity problems (occasionally daily or seasonal water shortages) for individual residences or businesses through consolidation with another PWS or regionalized service provided by a PWS.	1

<b>Operator Safety</b> (select one if applicable, 5 points maximum)	
Correction of a problem that poses a critical and chronic safety hazard for operators.	5
Correction of a problem that poses an intermittent safety hazard for operators.	3
Correction of a potential significant safety hazard for operators.	1

<b>General Water Quality</b> (select all that apply)			
Total Dissolved Solids (TDS)		Manganese (Mn)	
500 - 999 mg/L	1	0.05 - 0.25 mg/L	1
1,000 - 1,499 mg/L	2	0.26 - 1.00 mg/L	2
≥ 1,500 mg/L	3	> 1.00 mg/L	3
Total Hardness as Calcium Carbonate (TH)		Sodium (Na)	
200 - 424 mg/L	1	200 - 424 mg/L	1
425 - 649 mg/L	2	425 - 649 mg/L	2
≥ 650 mg/L	3	≥ 650 mg/L	3

Iron (Fe)		Sulfate (SO <sub>4</sub> )	
0.3 - 0.89 mg/L	1	250 - 499 mg/L	1
0.9 - 2.0 mg/L	2	500 - 750 mg/L	2
> 2.0 mg/L	3	> 750 mg/L	3
Total From Above	Category for Water Quality Item H		
≥ 6	Significant general water quality problem		
4 or 5	Moderate general water quality problem		
≤ 3	Minor general water quality problem		

<sup>1</sup> Applies to community and non-profit non-community public water systems only. Water quality problems must be ongoing and unresolved under the present system configuration. Analysis applies to finished water after all treatment (raw water if no treatment is provided).

<sup>2</sup> Projects intended to address multiple community and/or non-profit non-community public water system water quality and/or quantity problems will be ranked based on the highest-level problem to be solved.

<sup>3</sup> Applies to community and non-profit non-community public water systems only. Projects intended mainly to increase water availability for or to improve fire protection are not eligible for DWSRF assistance. To be eligible, fire protection features must represent an ancillary project benefit or secondary project purpose.

## Appendix D

### Non-Project Set-Aside and Fee Activity<sup>1</sup>

#### North Dakota Drinking Water State Revolving Loan Fund Program

Set-Aside	Set Aside Through 6/30/2020	Transferred to Loan Fund	Expended Through 6/30/2020	Balance Available as of 6/30/2020	Planned Set-Asides for 2021 <sup>4</sup>	Total Set-Aside Funds Available 2021	Reserved Through 2020	Reserved from 2021 Allotment	Total Reserved Through 2021
DWSRF Administration	9,603,814	-	9,089,858	513,956	0	513,956	-	513,956	513,956
10% State Program Assistance									
PWSS Supervision	6,270,000	704,685	3,117,438	2,447,877	0	2,447,877	2,407,173	1,100,100	3,507,273
Source Water Protection									
Capacity Development									
Operator Certification									
2% Small System Technical Assistance	3,735,612	-	3,257,307	478,305	0	478,305	155,860	220,020	375,880
15% Local Assistance <sup>2</sup>									
Land Acquisition									
Capacity Development									
Wellhead Protection									
Source Water Petition Programs									
Source Water Protection	1,255,880	820,612	435,268	-	NA	-	-	NA	-
<b>Totals</b>	<b>20,865,306</b>	<b>1,525,297</b>	<b>15,899,871</b>	<b>3,440,138</b>	<b>0</b>	<b>3,440,138</b>	<b>2,563,033</b>	<b>1,834,076</b>	<b>4,397,109</b>

Fee Type	Collected Through 6/30/2020	Transferred to Loan Fund	Expended Through 6/30/2020	Balance Available 6/30/2020	Projected Funds 1/1/21 - 12/31/21	Estimated Funds Collected Through 12/31/21	Total Funds Held Through 12/31/21
Loan Fee <sup>3</sup>	14,915,280	0	4,389,928	10,525,352	1,872,691	16,787,971	12,398,043

<sup>1</sup> The FY 1997 through 2020 allotments have been awarded. The allotment for FY 2021 is \$11,001,000. The FY 2021 allotment will be applied for by July 1, 2021.

<sup>2</sup> No more than 10% may be used for any one activity with a maximum of 15% for all activities combined.

<sup>3</sup> The loan fee amounts reflect loans approved up to June 30, 2020. The amounts may increase based upon repayments due (if any) under loans approved after this date.

<sup>4</sup> DWSRF Administration is calculated as 0.2% of the valuation of the fund.

## Appendix E

### Amounts Available to Transfer Between State Revolving Fund Programs<sup>1</sup>

#### North Dakota Drinking Water State Revolving Loan Fund Program

Year	Transaction Description	Banked Transfer Ceiling	Transferred from DWSRF to CWSRF	Transferred from CWSRF to DWSRF	DWSRF Funds Available for Transfer	CWSRF Funds Available for Transfer
1998	DW Grant	4.1			4.1	4.1
1998	DW Grant	6.5			6.5	6.5
2000	DW Grant	9.0			9.0	9.0
2000	DW Grant	11.5			11.5	11.5
2001	DW Grant	14.1			14.1	14.1
2002	DW Grant	16.7			16.7	16.7
2002	Transfer	16.7	10.0	3.0	9.7	23.8
2003	DW Grant	19.4			12.4	26.4
2003	Transfer	19.4	0	5.9	18.3	20.5
2004	DW Grant	22.1			21.0	23.2
2004	Transfer	22.1	0	2.6	23.7	20.6
2005	DW Grant	24.9			26.4	23.3
2005	Transfer	24.9	0	0.1	26.5	23.2
2006	DW Grant	27.6			29.2	25.9
2006	Transfer	27.6	0	1.5	30.8	24.4
2007	DW Grant	30.3			33.5	27.1
2007	Transfer	30.3	0	4.9	38.3	22.2
2008	DW Grant	33.0			41.0	24.9
2008	Transfer	33.0	0	3.0	44.1	21.9
2009	DW Grant	35.7			46.8	24.6
ARRA	DW Grant	42.1			53.2	31.0
ARRA	Transfer	42.1	0	2.6	55.8	28.4
2009	Transfer	42.1	0	0.7	56.5	27.7
2010	DW Grant	46.6			61.0	32.2
2010	Transfer	46.6	0	0.8	61.8	31.4
2011	DW Grant	49.7			64.9	34.5
2012	DW Grant	52.7			67.8	37.5
2013	DW Grant	55.4			70.6	40.3
2014	DW Grant	58.3			73.5	43.2
2015	DW Grant	61.2			76.4	46.1
2015	Transfer	61.2	19.1	0	57.4	65.1
2016	DW Grant	64.0			60.1	67.9
2017	DW Grant	66.7			62.8	70.6
2017	Transfer	66.7	0	4.1	66.9	66.5
2018	DW Grant	70.4			70.6	70.2
2018	Transfer	70.4	0	22.2	92.8	47.9
2019	DW Grant	74.0			96.5	51.6
2020	DW Grant	77.6			100.1	55.2
2020	Transfer	77.6	0	1.5	101.6	53.7
2021	DW Grant	81.3			105.3	57.3
2021	Transfer	81.3	0	<b>20.0</b>	125.3	37.3

Bold number indicates planned transfer

<sup>1</sup> All amounts are in millions of dollars

## Appendix F

### Sources and Uses Table

#### North Dakota Drinking Water State Revolving Loan Fund Program Cumulative Amounts as of June 30, 2020

SOURCES	
Federal Capitalization Grants	226,868,100
State Match	51,432,137
Transfers from CWSRF	53,045,447
Net Leveraged Bonds	193,941,728
Investment Earnings	52,004,184
Interest Payments	65,858,408
Principal Repayments	192,448,654
<b>TOTAL SOURCES OF FUNDS</b>	<b><u>835,598,658</u></b>
USES	
Administration	9,603,814
2% SSTA	3,735,612
10% DW Program Set-Aside	5,565,315
15% Local Asst. Set-Aside	435,268
Transfers to CWSRF	29,061,000
Bond Principal Repayments	74,538,703
Bond Interest Expense	70,408,214
Arbitrage	785,241
Reserves	2,650,545
Closed Agreements	666,669,174
Loans Approved But Not Closed	17,997,000
<b>TOTAL USES OF FUNDS</b>	<b><u>881,449,886</u></b>
 DWSRF Funds Available for Projects in 2021	 <b><u><u>-\$45,851,228</u></u></b>
ANNUAL SOURCES FOR 2021	
FY21 Capitalization Grant	11,001,000
Set-asides taken from FY21 Capitalization Grant	-
State Match (if applicable)	5,000,000
Leveraged Bonds (if applicable)	80,000,000
Transfers with CW +/- (if applicable)	20,000,000
 Total New 2021 Funds	 <b><u>\$116,001,000</u></b>
 TOTAL DWSRF FUNDS AVAILABLE FOR 2021	 <b><u><u>\$70,149,772</u></u></b>
 TOTAL DWSRF PROJECTS ON FUNDABLE LIST	 <b><u><u>\$70,149,772</u></u></b>
 AVAILABLE FUNDS	 <b><u><u>\$0</u></u></b>

## Appendix G

### Abbreviations

ACS	American Community Survey
AMHI	Annual median household income
CWS	Community water system
CWSRF	Clean Water State Revolving Fund
DWSRF	Drinking Water State Revolving Fund
EPA	Environmental Protection Agency
ESWTR	Enhanced Surface Water Treatment Rule
FY	Fiscal year
GPCD	Gallons per capita per day
GPR	Green project reserve
GWR	Ground Water Rule
IUP	Intended Use Plan
MCL	Maximum contaminant level
NDAC	North Dakota Administrative Code
NDCC	North Dakota Century Code
NDDEQ	North Dakota Department of Environmental Quality
NPDWR	National Primary Drinking Water Regulations
PFA	Public Finance Authority
PRV	Pressure-reducing valve
PWS	Public Water System
PWSS	Public Water System Supervision
RFWCI	Relative future water cost index
RO	Reverse osmosis
RWD	Rural Water District

SCADA	Supervisory control and data acquisition
SDWA	Safe Drinking Water Act
STAG	State and Tribal Assistance Grants
SWTR	Surface Water Treatment Rule
TTR	Treatment technique requirement
URTH	Unreasonable risk to health
WAWSA	Western Area Water Supply Authority
WD	Water district
WRD	Water Resource District
WS	Water system
WTP	Water treatment plant
WUD	Water Users District