

2023 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



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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.

Additionally, the Bipartisan Infrastructure Law (BIL) was signed into law by President Biden on November 15, 2021. The BIL provides additional funding for the DWSRF Program from fiscal year (FY) 2022 to FY 2026 for three purposes:

- General Supplemental Funding
- Emerging Contaminants Funding
- Lead Service Line Replacement Funding

North Dakota's DWSRF federal allotments for fiscal years (FY) 1997 through 2022 totaled \$298,950,767, and the anticipated 2023 allotments and state match requirements are as follows:

	Allotment	State Match
Base Funding	\$4,938,000	20%
General Supplemental Funding	\$21,055,000	10%
Emerging Contaminants Funding	\$7,640,000	0%
Lead Service Line Replacement Funding	\$28,650,000	0%
Total	\$62,283,000	

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.

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 2023 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 \$62,283,000. State match bonds were issued in 2022 to provide the 20 percent match for the base DWSRF capitalization grant and the 10 percent match for the supplemental DWSRF capitalization grant.

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 from the 2022 Bipartisan Infrastructure Law (BIL) priority list were not required 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. 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.

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 may amend its 2023 IUP if needed.

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 8 and Headquarters 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.

The priority ranking system underwent changes in the 2022 BIL IUP. Those changes will apply to both the 2023 base and BIL funds. The changes made are as follows:

- Water Quality
 - Add an additional level to assign points for projects that address contaminants at 25% to 49% of an MCL or TTR
 - Simplify the point system for general water quality problems and remove manganese as a contaminant under general water quality problems. Manganese will be ranked as an emerging contaminant.
 - Add an item to assign points to projects that address emerging contaminants
- Water Quantity
 - Reorganize these items by Community Water System or Non-profit Non-community Water System.
 - Assign points to projects to address distribution system water losses based on water audits.
- Affordability
 - The relative future water cost index (the ratio of expected average annual residential water user charge as a percent of the annual median household income) was eliminated as an indicator and replaced with the relative current water cost index. Past experience indicates that project cost estimates from the priority list are very preliminary. Those cost estimates are used to calculate an average future residential water user charge, which makes this measure potentially inaccurate. Additionally, it is possible for a system to have a low relative current water cost index and a high relative future water cost index. This may be reflected by a system that has deferred infrastructure improvements for many years in order to keep water rates low. Using the current water cost index will prioritize assistance for systems that have already invested in their water system and need additional assistance.
 - The annual median household income was removed as an independent indicator as it is indirectly used in calculating the relative current water

cost index. It was replaced with three additional indicators – the percentage of households at less than 200% of the federal poverty level, unemployment rate, and the percent of residents with less than a high school education.

- Consolidation or Regionalization
 - Add an item to assign points to projects intended to resolve a technical, managerial, or financial capacity problem with a public water system.
- Miscellaneous
 - This category replaces the previous Operator Safety category. Projects were previously awarded a range of points based on the severity of the operator safety issues that were addressed by the project. Any operator safety issues have been combined into one item.
 - Items were added to include other kinds of projects that are eligible for the DWSRF program but had not previously been adequately captured in the priority ranking system. These include measures to ensure continued operations during an emergency, administrative buildings, and studies that may result in a capital improvement project.

The full ranking system can be found in Appendix E.

Comprehensive Project Priority List and Fundable List

The comprehensive project priority list can be found in Appendix B for the base and supplemental funding, Appendix C for the emerging contaminants funding, and Appendix D for the lead funding. 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.

Disadvantaged Community Additional Subsidization

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 12 percent or more than 35 percent of the amount of the federal capitalization grant for any fiscal year. For 2023, the DWSRF will distribute at least 12 percent but not more than 13 percent of the amount of the capitalization grant.

Section 1452(d) of the SDWA defines a disadvantaged community as “the service area of a public water system that meets affordability criteria established after public review and comment by the State in which the public water system is located”. EPA expects states to evaluate and revise, as needed, their existing DWSRF disadvantaged community definition. The criteria used by the North Dakota DWSRF program are:

- The average annual residential water user charge as a percent of the local or service area annual median household income
- Percent of the households with an income of less than 200 percent of the poverty threshold
- Percent unemployment
- Percent of residents with less than a high school education

Each criterion is scored by assigning points based on a range of values established in the Affordability section of the priority ranking system found in Appendix E. Projects may receive up to 20 points. Projects receiving 5 or more points are considered disadvantaged communities.

A water system that is undertaking a project in a portion of its service area may submit a census tract area for consideration as a disadvantaged community. If the water system receives additional subsidization, the water system must demonstrate that only the residential users in the census tract area will benefit from the additional subsidization.

The following project meets the definition of a disadvantaged community and is anticipated to receive additional subsidization:

Priority Ranking	Tracking No.	System Name	Project Cost	Additional Subsidy
1	5201309-23-01	Central Plains WD	\$11,171,000	\$592,560

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.

Congressional Additional Subsidization

Congress has mandated in previous appropriations bills and the BIL that a 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.

Congressional additional subsidization will apply to the FY 2023 DWSRF allotment in the following amounts:

	Percent Additional Subsidization	Amount of Additional Subsidization
Base	14%	\$691,320
General Supplemental	49%	\$10,316,950
Emerging Contaminants	100%	\$7,640,000
Lead	49%	\$14,038,500

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.

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.

The BIL requires that additional subsidization be used only for projects where debt was incurred after November 15, 2021.

Base Funding

The congressional subsidization for the Base allotment will be provided to lead service line replacement projects at a rate of up to 75 percent and may be combined with additional subsidization from the Lead allotment to meet the maximum rate of 75 percent loan forgiveness. The Consolidated Appropriations Act of 2023 allows states to use additional subsidization for debt incurred prior to December 29, 2022 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 if approved by EPA Region 8, the remaining funds will be used to finance prior construction.

General Supplemental Funding

The full 49% additional subsidization for the General Supplemental allotment must be provided to systems that meet the state’s Disadvantaged Community criteria. Additional subsidization for the General Supplemental allotment will be provided to projects that meet the Disadvantaged Community criteria at a rate of up to 75 percent. Additional subsidization from other DWSRF allotments may be combined to meet the maximum rate of 75 percent loan forgiveness. The following projects are anticipated to receive additional subsidization from the General Supplemental allotment:

Priority Ranking	Tracking No.	System Name	Project Cost	Additional Subsidy
1	5201309-23-01	Central Plains WD	\$11,171,000	\$7,785,690
5	4700637-16-01	Medina	\$870,000	\$652,500
7	1801062-23-01	East Central RWD	\$9,978,000	\$1,878,760

Emerging Contaminants Funding

Additional subsidization for the Emerging Contaminants allotment will be provided to projects at a rate of up to 75 percent and may be combined with additional subsidization from other DWSRF allotments (Base and Supplemental DWSRF) to meet the maximum rate of 75 percent loan forgiveness. The remaining 25 percent of the project costs will be combined with a loan through either the Base DWSRF program or the General Supplemental allotment. The following projects are anticipated to receive additional subsidization from the Emerging Contaminants allotment:

Priority Ranking	Tracking No.	System Name	Project Cost	Additional Subsidy
5	0900336-23-05	Fargo	\$7,000,000	\$5,250,000
7	1801062-23-01	East Central RWD	\$9,978,000	\$2,390,000

Out of the 100% additional subsidization that must be provided from the Emerging Contaminants allotment, 25% must be provided to systems that either meet the state's Disadvantaged Community criteria or serve fewer than 25,000 people. This requirement will be met by the additional subsidization provided to East Central RWD.

Lead Funding

The full 49% additional subsidization for the Lead allotment must be provided to systems that meet the state's Disadvantaged Community criteria. Additional subsidization for the Lead allotment will be provided to projects that meet the Disadvantaged Community criteria at a rate of up to 66 percent. This is dependent on the amount of set-asides taken from the capitalization grant and is calculated as follows:

Capitalization Grant Amount		\$28,650,000
Required Additional Subsidization	-	\$14,038,500
Planned Set-Asides	-	\$7,449,000
		<hr/>
Remaining Loan Fund		\$7,162,500

$$\frac{\text{Additional Subsidization}}{\text{Additional Subsidization} + \text{Loan Fund}} * 100\% = \frac{\$14,038,500}{\$14,038,500 + \$7,162,500} * 100\% = 66\%$$

The following projects are anticipated to receive additional subsidization from the Lead allotment.

Priority Ranking	Tracking No.	System Name	Project Cost	Additional Subsidy
1	4800152-23-01	Cando	\$1,115,000	\$735,900
4	1900162-23-01	Carson	\$238,000	\$157,080
5	0900492-23-01	Hunter	\$261,000	\$172,260
6	5200458-23-01	Harvey	\$1,783,000	\$1,176,780
8	5100660-23-01	Minot	\$1,000,000	\$660,000
9	2800194-23-01	Coleharbor	\$82,000	\$54,120
10	2200951-23-01	Tuttle	\$80,000	\$52,800
12	0801036-23-01	Wing	\$152,000	\$100,320
15	0900166-23-01	Casselton	\$2,513,000	\$1,658,580
18	0800080-23-01	Bismarck	\$1,000,000	\$660,000
19	1500571-23-01	Linton	\$910,000	\$600,600
21	4200626-23-01	McClusky	\$380,000	\$250,800
22	2100816-23-01	Regent	\$100,000	\$66,000
23	2100726-23-01	New England	\$600,000	\$396,000
24	4000833-23-01	Rolette	\$611,000	\$403,260
25	3300174-23-01	Center	\$600,000	\$396,000
26	3000400-23-01	Glen Ullin	\$807,000	\$532,620
27	3700574-23-01	Lisbon	\$2,154,000	\$1,421,640
28	4700637-23-01	Medina	\$300,000	\$198,000
29	5200927-23-01	Sykeston	\$117,000	\$77,220
30	5300936-23-02	Tioga	\$250,000	\$165,000
31	2900789-23-01	Pick City	\$89,000	\$58,740
32	3700314-23-01	Enderlin	\$890,000	\$587,400
33	2300508-23-01	Jud	\$72,000	\$47,520
34	2600038-23-01	Ashley	\$700,000	\$462,000
35	3900333-23-01	Fairmount	\$367,000	\$242,220
36	0300762-23-01	Oberon	\$104,000	\$68,640
37	3200023-23-01	Aneta	\$234,000	\$154,440
38	1900303-23-01	Elgin	\$662,000	\$436,920
39	1500921-23-01	Strasburg	\$230,000	\$151,800
40	2000203-23-01	Cooperstown	\$907,000	\$598,620
41	2200827-23-01	Robinson	\$46,000	\$30,360
42	2400380-23-01	Gackle	\$310,000	\$204,600
43	4300871-23-01	Selfridge	\$60,000	\$39,600

45	1900731-23-01	New Leipzig	\$218,000	\$143,880
46	2200913-23-01	Steele	\$918,000	\$605,880
47	2600556-23-01	Lehr	\$80,000	\$52,800
48	0600819-23-01	Rhame	\$154,000	\$71,100
49	2300969-23-01	Verona	\$85,000	\$56,100
50	0801031-23-01	Wilton	\$718,000	\$60,360

Small System Project Assistance

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 (40 CFR 35.3525(a)(5)). States that exceed the 15 percent requirement in any one year are permitted to reserve the excess for future years.

A total of 316 loans totaling \$742,774,507 have been approved as of June 30, 2022. Of these, 255 loans (totaling \$320,164,658 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 through D).

Equivalency

Certain program requirements are only applicable to projects in an amount equal to the federal capitalization grant (i.e., equivalency projects). These requirements include environmental crosscutters, socio-economic crosscutters, disadvantaged business enterprises (DBEs), the Federal Funding Accountability and Transparency Act (FFATA), signage, the Single Audit Act, the Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment, and the Build America Buy America (BABA) Act.

The NDDEQ will identify equivalency projects in amounts equal to each federal capitalization grant. These projects, unless eligible for an adjustment period waiver for BABA, may be offered an interest rate deduction. Any projects with funding packages that include Emerging Contaminants or Lead funding will be identified as equivalency projects for the Base and/or General Supplemental funding. The NDDEQ will evaluate other projects to meet equivalency requirements as loan applications are submitted and will identify equivalency projects in the DWSRF Annual Report.

SRF Data System

The NDDEQ will input data into the SRF Data System as specified by the EPA and no less than quarterly. This will be done to meet compliance with 40 CFR 35.3545(b).

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.

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.

The NDDEQ will submit workplans to EPA Region 8 for approval in accordance with 40 CFR 35.3540(c) to describe how set-aside funds will be expended for applicable activities. Any amendments to the workplans will also be submitted to EPA Region 8 for approval.

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. North Dakota does not anticipate the transfer of set-aside funds during 2023.

Appendix F depicts the planned non-project set-asides for 2023.

Fee Activity

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 for state match and to fund Planning Assistance Reimbursement Grants as described below or for any of the purposes allowed in 40 CFR 35.3530(b)(2). 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.

Planning Assistance Reimbursement (PAR) Grants

The DWSRF Program plans to offer grants to assist communities in developing shovel-ready projects. For 2023, grants will be awarded to communities 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 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 Match Requirement

Under the SDWA, states are required to match their base program DWSRF allotment at an amount at least equal to 20 percent. States are also required to provide a 10 percent state match to the General Supplemental funding for FY 2023. In January 2022, North Dakota issued state match bonds to satisfy match requirements through FY 2026.

Anticipated Proportionality Ratio

EPA issued a memorandum announcing a permanent regulatory exception to the State Revolving Fund cash draw rules effective November 18, 2022. This exception applies to 40 CFR 35.3560(f) and (g) and 40 CFR 35.3565(b). These regulations specify the rate at which states can draw federal funds in relation to state contribution. Therefore, the DWSRF will not use a proportionality ratio for drawing federal funds.

Disbursement of Funds

Funds will be disbursed in the following order: federal capitalization grants, state match bond proceeds, leveraged bond proceeds, and FCLA. State match funds have been disbursed in excess of capitalization grant requirements 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.

Federal capitalization grants will also be disbursed in a particular order for projects that receive funding from the different sources of BIL funding. Funds will first be disbursed from the Emerging Contaminants funding or the Lead funding (as eligible) before disbursing funds from the Supplemental or Base DWSRF funding. Funds will first be disbursed from the Emerging Contaminants funding to meet the minimum 25% additional subsidy requirement for disadvantaged communities. After meeting this requirement, projects that are eligible for the Emerging Contaminants in Small and Disadvantaged Communities (WIIN) funding will utilize those funds (as available) until those funds are expended before the Emerging Contaminants funds.

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 transfers funds on a net basis, since prior transfers have occurred between the two SRFs. The current net transfer between programs is \$22,984,447 from the CWSRF to the DWSRF. The DWSRF program reserves the right to transfer funds between programs as necessary in 2023. Transferring funds will not impact DWSRF set-aside funding. Appendix G 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 PFA, on behalf of 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 and may be adjusted, if necessary. 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 third quarter 2022 North Dakota 20-year competitive bond sales, the current market interest rate is 3.35 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 may 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 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 H depicts a detailed breakdown of sources and uses of funds from FY1997 through FY2022. An additional \$45,993,000 of new funds is anticipated to become available in 2023 for the Base and Supplemental Funding, making \$22,154,202 available for projects. An additional \$15,195,000 of new funds is anticipated to become available in 2023 for the Emerging Contaminants Funding, all of which will be available for projects. An additional \$57,000,000 is anticipated to become available in 2023 for the Lead Funding, \$42,180,000 of which will be available for projects. All the funds are allocated to projects as shown in the Comprehensive Project Priority List and Fundable List (Appendix B through D).

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 April 13, 2023, obtain North Dakota Department of Water Resources 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, 2022, the fund utilization rate (as measured by the ratio of executed loans to funds available for projects) was 103 percent which is above the June 30, 2021 national average of 96 percent. The 2023 goal is to maintain the fund utilization rate at 90 percent or above, however with the additional BIL funds received, the rate is expected to decline.
 - b. Through June 30, 2022, the rate at which projects progressed (as measured by disbursements as a percentage of assistance provided) was 91 percent. This is above the June 30, 2021 national average of 87 percent. The 2023 goal is to maintain the construction pace above 80 percent.
 - c. The DWSRF Program obtained binding commitments for 12 projects in 2022 totaling \$18,727,432 and serving a population of 125,647. The 2023 goal is to fund 14 loans totaling \$30 million and serving a population of 50,000.
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 2023 IUP at a public hearing held at the NDDEQ offices and on Microsoft Teams on March 2, 2023. Written comments were accepted until March 16, 2023.

Comments provided were as follows:

- Tom Klabunde, Moore Engineering, provided an updated questionnaire on behalf of the City of Underwood regarding their water tower replacement project (Tracking No. 2800953-22-01). The project cost was updated and a re-ranking was unnecessary.
- AJ Tuck, Moore Engineering, provided a questionnaire on behalf of the City of Taylor. The city would like to include on the priority list a distribution system improvements project. The project was added to the priority list.
- Jeff Roehrich, City of Fessenden, provided a questionnaire. The city would like to include on the priority list a lead service line replacement project. The project was added to the priority list.
- Abby Ritz, AE2S, provided an updated questionnaire on behalf of East Central RWD regarding their Hillsboro WTP expansion project (Tracking No. 1801062-23-01). Additional information about emerging contaminants concentrations was provided. The project was re-ranked.
- Abby Ritz, AE2S, requested a re-ranking on behalf of Northeast RWD regarding their WTP and wellfield expansion project (Tracking No. 1001380-22-02). She indicated that she believed the project should be eligible for emerging contaminants funding. The project was re-ranked.
- Joshua Feil, Moore Engineering, requested that special assessment costs be included in affordability rankings. This information was not collected on the questionnaires and therefore would not be able to be evaluated for all projects on the priority list. The DWSRF Program will research and consider including this information for future priority list rankings.
- AJ Tuck and Tom Klabunde, Moore Engineering, requested that relative future water cost index be included in affordability rankings. The reasons for the change from using the relative future water cost index to the relative present water cost index was described in the "Priority Ranking System" section of this document

beginning on page 4. They also recommended that “readiness to proceed” be included in the ranking system. The DWSRF Program will consider including this information for future priority list rankings.

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 unless the project meets the criteria for a class deviation) 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, except if the project meets the criteria for a class deviation.
- Water rights, except if (1) the water rights are owned by a system that is being purchased through consolidation as part of a capacity development strategy or (2) the project meets the criteria for a class deviation.
- Reservoirs, except for (1) 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 or (2) the project meets the criteria for a class deviation.
- 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

Comprehensive Project Priority List and Fundable List for 2023 Base and Supplemental Funding

Priority Ranking (Base & Supplemental)	Priority Ranking (Emerging Contaminants)	Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost (\$1,000)	Project Cost - Emerging Contaminants (\$1,000)	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
33	-	-	1801056-21-01	Agassiz WUD	Yes	3,525	User & transmission expansion - Phase 2	3,850	-	-	2023	
287	-	130	1801056-22-01	Agassiz WUD	Yes	3,525	Lead service line inventory	200	-	200	-	
76	-	-	4001153-14-01	All Seasons WUD	Yes	4,295	System 3 improvements - Bottineau & Renville counties	1,060	-	-	2023	
25	-	-	4001153-14-02	All Seasons WUD	Yes	4,295	System 3 improvements - Turtle Mountains & Lake Metigoshe area	29,000	-	-	2023	
148	-	-	4001153-15-01	All Seasons WUD	Yes	4,295	System 4 to system 1 water supply improvements	6,638	-	-	2023	
36	-	-	4001153-21-01	All Seasons WUD	Yes	4,295	Refinance of projects for well, reservoir, SCADA, & pipeline improvements	3,929	-	-	-	
149	-	-	4001153-21-02	All Seasons WUD	Yes	4,295	Rolla area improvements	924	-	-	2023	
352	-	-	3000012-22-01	Almont	No	115	Water main replacement district no. 2022-1	1,500	-	-	2023	
377	-	95	3000012-23-01	Almont	No	115	Lead service line inventory & replacement	115	-	115	2023	
29	-	117	0900017-22-01	Amenia	No	94	Distribution system improvements	700	-	45	2023	
371	-	89	0900017-23-01	Amenia	No	94	Lead service line inventory & replacement	700	-	700	2023	
211	-	-	3200023-21-01	Aneta	Yes	234	Water main replacement	3,000	-	-	2023	
174	-	37	3200023-23-01	Aneta	Yes	234	Lead service line inventory & replacement	234	-	234	2023	30
253	-	-	0900035-22-01	Arthur	No	328	Control building improvements	400	-	-	2024	
364	-	86	0900035-23-01	Arthur	No	328	Lead service line inventory & replacement	328	-	328	2023	
10	-	-	2600038-21-01	Ashley	Yes	700	Water tower improvements	2,000	-	-	2023	
97	-	-	2600038-21-02	Ashley	Yes	700	Water main replacement	1,000	-	-	2023	
2	3	-	2600038-21-03	Ashley	Yes	700	WTP improvements	2,500	1,250	-	2023	20+
154	-	34	2600038-23-01	Ashley	Yes	700	Lead service line inventory & replacement	700	-	700	2023	30
316	-	-	1700059-20-01	Beach	Yes	981	South side water tower rehabilitation	398	-	-	2023	
133	-	90	1700059-22-01	Beach	Yes	981	Water main & lead service line replacement	1,805	-	181	2023	
349	-	135	1700059-22-02	Beach	Yes	981	Lead service line inventory	94	-	94	-	
78	-	-	4500069-23-01	Belfield	Yes	1,013	12" transmission line extension & PRV vaults	1,845	-	-	2024	
38	-	-	4500069-23-02	Belfield	Yes	1,013	AC water main & gate valve replacement	2,305	-	-	2024	
353	-	-	5100072-18-02	Berthold	No	454	Water tower rehabilitation	300	-	-	2023	
379	-	-	5100072-21-01	Berthold	No	454	Water main replacement	5,000	-	-	2023	
365	-	87	5100072-23-01	Berthold	No	454	Lead service line inventory & replacement	454	-	454	2023	
310	-	-	2900074-20-01	Beulah	Yes	3,052	Phase I main street improvements	5,195	-	-	2023	
23	-	16	0800080-19-01	Bismarck	Yes	88,000	Water main & lead service line replacement	3,500	-	1,500	2023	30
62	-	18	0800080-23-01	Bismarck	Yes	88,000	Lead service line replacement	3,500	-	1,000	2023	30
381	-	-	0700114-21-02	Bowbells	Yes	301	Railway St water main looping	275	-	-	2023	
392	-	141	0700114-22-01	Bowbells	Yes	301	Lead service line inventory	63	-	63	-	
186	-	-	0600119-14-01	Bowman	Yes	1,470	4th Ave NW water main replacement	1,445	-	-	2024	
187	-	-	0600119-19-01	Bowman	Yes	1,470	Storage tank improvements	2,100	-	-	2024	
196	-	118	0900134-11-01	Buffalo	No	225	Distribution system improvements	2,300	-	200	2024	
378	-	96	0900134-23-01	Buffalo	No	225	Lead service line inventory & replacement	225	-	225	2023	
347	-	-	5100138-12-01	Burlington	Yes	1,310	Elevated storage tank	1,750	-	-	2023	
209	-	-	5100138-22-01	Burlington	Yes	1,310	Wallace St water main replacement	457	-	-	2022	
107	-	-	4800152-13-02	Cando	Yes	1,115	Water main replacement	2,000	-	-	2023	
18	-	1	4800152-23-01	Cando	Yes	1,115	Lead service line inventory & replacement	1,115	-	1,115	2023	30
358	-	-	1600159-20-01	Carrington	Yes	2,200	Water main replacement & rehab	1,500	-	-	2023	
30	-	7	1900162-22-01	Carson	Yes	238	Railroad, 1st, & 2nd Ave water main replacement	2,577	-	26	2023	30
92	-	-	1900162-22-02	Carson	Yes	238	Water storage improvements	2,250	-	-	2023	
69	-	4	1900162-23-01	Carson	Yes	238	Lead service line inventory & replacement	238	-	238	2023	30
250	-	-	0901060-22-01	Cass RWD	Yes	17,841	1.5 million gallon water tower	5,860	-	-	2024	
345	-	-	0901060-22-02	Cass RWD	Yes	17,841	County Road 17 water line improvements	1,189	-	-	2024	
251	-	-	0901060-22-03	Cass RWD	Yes	17,841	Reservoir B expansion	982	-	-	2024	
129	-	-	0901060-23-01	Cass RWD	Yes	17,841	2024 system wide improvements	3,000	-	-	2024	
291	-	-	0900166-20-01	Cassilton	Yes	2,513	Water main replacement (5th Ave N)	4,500	-	-	2023	

Priority Ranking (Base & Supplemental)	Priority Ranking (Emerging Contaminants)	Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost (\$1,000)	Project Cost - Emerging Contaminants (\$1,000)	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
292	-	-	0900166-22-01	Casselton	Yes	2,513	Water main replacement & looping (2nd St N, Cottonwood Dr to ND Hwy 18, Morningside Dr to ND Hwy 18)	1,350	-	-	2023	
199	-	15	0900166-23-01	Casselton	Yes	2,513	Lead service line inventory & replacement	2,513	-	2,513	2023	30
40	-	-	3400170-22-01	Cavalier	Yes	1,247	Water main replacement	1,355	-	-	2023	
161	-	121	3400170-22-02	Cavalier	Yes	1,247	Lead service line inventory	125	-	125	-	
11	-	66	3300174-22-01	Center	Yes	600	Water storage & distribution improvements	2,600	-	260	2023	30
106	-	25	3300174-23-01	Center	Yes	600	Lead service line inventory & replacement	600	-	600	2023	30
1	-	-	5201309-23-01	Central Plains WD	Yes	3,504	Water district expansion	11,171	-	-	2023	30
290	-	-	3900183-09-01	Christine	Yes	150	Water main, gate valve, & hydrant replacement, water main looping	700	-	-	2023	
327	-	76	3900183-23-01	Christine	Yes	150	Lead service line inventory & replacement	150	-	150	2023	
271	-	-	2800192-20-02	Coleharbor	Yes	82	Water main replacement district no. 2021-1	1,500	-	-	2023	
94	-	9	2800194-23-01	Coleharbor	Yes	82	Lead service line inventory & replacement	82	-	82	2023	30
289	-	-	3900196-23-01	Colfax	No	175	Reservoir expansion	1,051	-	-	2023	
390	-	-	3900196-23-02	Colfax	No	175	Water main looping	690	-	-	2024	
317	-	-	0700198-16-01	Columbus	Yes	133	Water main looping	1,250	-	-	2023	
179	-	40	2000203-23-01	Cooperstown	Yes	907	Lead service line inventory & replacement	907	-	907	2023	30
4	-	105	1200211-22-01	Crosby	Yes	1,065	Hendrickson/Holmes water main improvement	3,229	-	55	2024	
384	-	138	2001061-22-01	Dakota RWD	Yes	2,472	Lead service line inventory	200	-	200	-	
124	-	-	2001061-22-02	Dakota RWD	Yes	2,472	Transmission pipeline expansion	4,931	-	-	2024	
90	1	-	2001061-22-03	Dakota RWD	Yes	2,472	WTP expansion & manganese removal	5,000	5,000	-	2023	20+
210	-	-	0200226-22-01	Dazey	Yes	104	Control panel, electrical, & pump improvements	150	-	-	2023	
288	-	131	2500266-22-01	Drake	Yes	299	Lead service line inventory	63	-	63	-	
204	-	-	3400269-21-01	Drayton	Yes	751	Water main, hydrant, valve, & meter replacement	8,055	-	-	2023	
267	-	57	3400269-23-01	Drayton	Yes	751	Lead service line inventory & replacement	751	-	751	2023	30
319	-	132	1801062-22-02	East Central RWD	Yes	8,448	Lead service line inventory	200	-	200	-	
214	-	-	1801062-22-03	East Central RWD	Yes	8,448	Wellfield, transmission, & user expansion (phase 6)	5,955	-	-	2024	
13	-	-	1801062-22-04	East Central RWD	Yes	8,448	Service to Galesburg	1,784	-	-	2024	
6	6	-	1801062-22-05	East Central RWD	Yes	8,448	WTP expansion (phase 5)	10,564	10,564	-	2023	20+
7	7	-	1801062-23-01	East Central RWD	Yes	8,448	Hillsboro WTP expansion	9,978	9,978	-	2023	20+
140	-	-	1801062-23-02	East Central RWD	Yes	8,448	Service to Buxton	6,137	-	-	2023	
326	-	-	3600298-23-01	Edmore	Yes	141	Water storage & pumphouse	650	-	-	2023	
216	-	-	1900303-21-01	Elgin	Yes	662	East side utility improvements	1,700	-	-	2023	
177	-	38	1900303-23-01	Elgin	Yes	662	Lead service line inventory & replacement	662	-	662	2023	30
46	-	-	3700314-02-01	Enderlin	Yes	890	Well field & transmission line	1,700	-	-	2024	
72	-	74	3700314-02-02	Enderlin	Yes	890	Water main & lead service line replacement	1,500	-	400	2024	
95	-	-	3700314-02-03	Enderlin	Yes	890	WTP improvements	4,700	-	-	2025	
47	-	-	3700314-08-01	Enderlin	Yes	890	Water tower replacement	2,000	-	-	2024	
145	-	32	3700314-23-01	Enderlin	Yes	890	Lead service line inventory & replacement	890	-	890	2023	30
183	-	-	3900333-06-01	Fairmount	Yes	367	Water main replacement	800	-	-	2023	
155	-	35	3900333-23-01	Fairmount	Yes	367	Lead service line inventory & replacement	367	-	367	2023	30
32	-	-	0900336-11-01	Fargo	Yes	166,000	High service pump station	9,500	-	-	2025	
173	-	-	0900336-11-02	Fargo	Yes	166,000	WTP residuals facility	38,000	-	-	2025	
142	-	84	0900336-18-02	Fargo	Yes	166,000	Lead service line replacement	2,000	-	2,000	2024	
282	-	-	0900336-21-01	Fargo	Yes	166,000	Sheyenne river water supply improvements	8,000	-	-	2024	
45	-	83	0900336-22-01	Fargo	Yes	166,000	Water main replacement	5,000	-	-	2023	
227	-	-	0900336-23-01	Fargo	Yes	166,000	32nd Ave S water main replacement	2,200	-	-	2024	
231	-	133	0900336-23-02	Fargo	Yes	166,000	AMI meter improvements - phase I	3,400	-	400	2024	
232	-	134	0900336-23-03	Fargo	Yes	166,000	AMI meter improvements - phase II	6,600	-	0	2025	
283	-	-	0900336-23-04	Fargo	Yes	166,000	Emergency Red River intake screen	4,000	-	-	2024	

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143	5	-	0900336-23-05	Fargo	Yes	166,000	GAC filter conversion	7,000	7,000	-	2023	20+
228	-	-	0900336-23-06	Fargo	Yes	166,000	Main Ave water main replacement	3,600	-	-	2025	
201	-	101	5200338-23-01	Fessenden	Yes	462	Lead service line replacement	248	-	248	2026	
212	-	44	3000342-20-01	Flasher	Yes	290	Lead service line inventory & replacement	350	-	350	2023	30
354	-	-	0700344-22-01	Flaxton	Yes	74	Water main replacement	478	-	-	2023	
332	-	78	1100346-23-01	Forbes	Yes	53	Lead service line inventory & replacement	53	-	53	2023	
324	-	-	4100357-08-01	Forman	Yes	504	Water tower replacement	1,200	-	-	2023	
325	-	-	4100357-14-01	Forman	Yes	504	Well improvements & transmission line replacement	750	-	-	2023	
367	-	-	4100357-15-01	Forman	Yes	504	Distribution system upgrades	1,030	-	-	2023	
71	-	-	2400380-19-01	Gackle	Yes	310	Water main & water meter replacement, pump house improvements	500	-	-	2022	
181	-	42	2400380-23-01	Gackle	Yes	310	Lead service line inventory & replacement	310	-	310	2023	30
122	-	-	4900382-22-01	Galesburg	No	118	Distribution system & storage improvements	1,800	-	-	2023	
401	-	144	4900382-22-02	Galesburg	No	118	Lead service line inventory	63	-	63	-	
42	-	-	2800389-13-01	Garrison	Yes	2,500	WTP upgrades	5,000	-	-	2022	
168	-	104	2800389-13-02	Garrison	Yes	2,500	Water main & lead service line replacement	2,500	-	1,000	2023	
342	-	-	2800389-15-01	Garrison	Yes	2,500	Intake replacement	4,000	-	-	2023	
263	-	54	2800389-23-01	Garrison	Yes	2,500	Lead service line inventory & replacement	1,462	-	1,462	2023	30
74	-	-	3000400-19-02	Glen Ullin	Yes	807	Water main replacement district no. 2022-1	4,500	-	-	2023	
75	-	-	3000400-22-01	Glen Ullin	Yes	807	Water storage improvement district no. 2022-1	1,500	-	-	2023	
108	-	26	3000400-23-01	Glen Ullin	Yes	807	Lead service line inventory & replacement	807	-	807	2023	30
334	-	-	3800397-13-01	Glenburn	Yes	380	Distribution system improvements	5,500	-	-	2023	
309	-	71	3800397-23-01	Glenburn	Yes	380	Lead service line inventory & replacement	380	-	380	2023	
9	-	-	5000408-02-01	Grafton	Yes	4,170	WTP improvements	5,562	-	-	2023	
102	-	-	5000408-03-01	Grafton	Yes	4,170	Park river water intake	2,225	-	-	2036	
103	-	-	5000408-16-01	Grafton	Yes	4,170	Raw water transmission line project	7,342	-	-	2029	
104	-	-	5000408-16-02	Grafton	Yes	4,170	Red river water intake	4,536	-	-	2028	
240	-	125	5000408-22-01	Grafton	Yes	4,170	Lead service line inventory	250	-	250	-	
189	-	-	5000408-22-02	Grafton	Yes	4,170	Surface water intake improvements	500	-	-	2023	
226	-	-	1800410-20-01	Grand Forks	Yes	59,166	WTP demolition	5,100	-	-	2024	
141	-	-	1800410-22-01	Grand Forks	Yes	59,166	Potable waterline expansion	3,504	-	-	2023	
14	-	-	2500415-12-01	Granville	Yes	330	Water main replacement	499	-	-	2023	
359	-	-	5300425-20-01	Grenora	Yes	350	Main St water main replacement	1,500	-	-	2031	
360	-	-	5300425-20-02	Grenora	Yes	350	Jetson St water main replacement	703	-	-	2024	
293	-	-	5300425-20-03	Grenora	Yes	350	Water tower improvements	3,000	-	-	2024	
123	10	-	5300425-20-04	Grenora	Yes	350	WTP improvements	2,926	2,926	-	2027	
361	-	-	5300425-20-05	Grenora	Yes	350	Well house #1 improvements	1,000	-	-	2026	
294	-	-	5300425-20-06	Grenora	Yes	350	Well house #2 improvements	1,000	-	-	2040	
383	-	-	3900443-23-01	Hankinson	Yes	845	Renewable energy water supply	2,465	-	-	2023	
68	-	-	2000446-09-01	Hannaford	Yes	150	Water tower replacement & pump house improvements	2,300	-	-	2024	
96	-	-	5200458-16-01	Harvey	Yes	1,783	WTP improvements	800	-	-	2023	
229	-	-	5200458-22-01	Harvey	Yes	1,783	Raw water line replacement	2,250	-	-	2024	
230	-	-	5200458-22-02	Harvey	Yes	1,783	Railroad crossing water main replacement	400	-	-	2024	
50	-	6	5200458-23-01	Harvey	Yes	1,783	Lead service line inventory & replacement	1,783	-	1,783	2023	30
399	-	-	0900460-16-01	Harwood	No	718	Distribution system improvements	1,000	-	-	2023	
387	-	106	0900460-23-01	Harwood	No	718	Lead service line inventory & replacement	718	-	718	2023	
48	-	-	1500469-22-01	Hazelton	Yes	225	Pump house & water tower improvements	2,000	-	-	2023	
259	-	51	1500469-23-01	Hazelton	Yes	225	Lead service line inventory & replacement	225	-	225	2023	30
249	-	112	2900470-22-01	Hazen	Yes	2,411	Lead service line & water meter replacement	2,000	-	1,500	2023	
311	-	72	2900470-23-01	Hazen	Yes	2,411	Lead service line inventory & replacement	2,411	-	2,411	2023	
170	-	-	3000473-20-01	Hebron	Yes	867	Southside water main replacement	3,903	-	-	2023	

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262	-	-	3000473-22-01	Hebron	Yes	867	Summit Ave watermain replacement	178	-	-	2023	
246	-	-	0100476-23-01	Hettinger	Yes	1,200	Water main rehabilitation	1,660	-	-	2024	
241	-	126	4900482-22-01	Hillsboro	Yes	1,649	Lead service line inventory	125	-	125	-	
366	-	-	4600487-08-01	Hope	Yes	258	Water main extension	210	-	-	2023	
296	-	67	4600487-23-01	Hope	Yes	258	Lead service line inventory & replacement	258	-	258	2023	30
402	-	-	0900488-15-01	Horace	No	614	Water tower improvements	815	-	-	2024	
398	-	-	0900488-22-01	Horace	No	614	Water tower replacement	6,500	-	-	2024	
323	-	-	0900492-15-01	Hunter	Yes	261	Control building improvements	300	-	-	2024	
88	-	14	0900492-15-02	Hunter	Yes	261	Distribution system improvements	4,000	-	200	2024	
164	-	5	0900492-23-01	Hunter	Yes	261	Lead service line inventory & replacement	261	-	261	2023	30
190	-	-	4700498-09-01	Jamestown	Yes	16,000	Water meters	2,835	-	-	2023	
191	-	-	4700498-13-01	Jamestown	Yes	16,000	WTP SCADA improvements	455	-	-	2023	
192	-	-	4700498-13-02	Jamestown	Yes	16,000	WTP filter bay improvements	860	-	-	2023	
193	-	-	4700498-14-02	Jamestown	Yes	16,000	NE water transmission line	4,968	-	-	2023	
79	-	-	4700498-18-01	Jamestown	Yes	16,000	Pitless well rehabilitation	200	-	-	2023	
80	-	-	4700498-19-01	Jamestown	Yes	16,000	WTP backwash recycle system	1,750	-	-	2023	
194	-	-	4700498-19-02	Jamestown	Yes	16,000	NE water tower improvement	350	-	-	2023	
12	-	2	4700498-22-01	Jamestown	Yes	16,000	Water main & lead service line replacement	1,500	-	250	2023	30
26	-	3	4700498-22-02	Jamestown	Yes	16,000	Lead service line replacement	3,500	-	3,500	2023	30
176	-	75	2300508-15-01	Jud	Yes	72	Distribution system improvements	500	-	50	2024	
147	-	33	2300508-23-01	Jud	Yes	72	Lead service line inventory & replacement	72	-	72	2023	30
167	-	103	5100515-15-01	Kenmare	Yes	1,013	Water main replacement	575	-	58	2023	
132	-	11	5100515-22-01	Kenmare	Yes	1,013	Lead service line inventory & replacement	310	-	310	2023	10
397	-	143	0900524-22-01	Kindred	No	889	Lead service line replacement study	50	-	50	-	
61	-	-	0900524-22-02	Kindred	No	889	Water reservoir & water main improvements	1,500	-	-	2024	
197	-	114	0900524-23-01	Kindred	No	889	ACP water main replacement	1,480	-	200	2028	
374	-	115	0900524-23-02	Kindred	No	889	Lead service line replacement	500	-	500	2024	
382	-	-	0900524-23-03	Kindred	No	889	Water storage expansion & study	1,000	-	-	2026	
98	-	-	2300535-09-01	Kulm	Yes	354	Water tower replacement	1,500	-	-	2023	
278	-	64	2300535-23-01	Kulm	Yes	354	Lead service line inventory & replacement	354	-	354	2023	30
357	-	-	2300537-14-01	LaMoure	Yes	889	Water main replacement & looping	525	-	-	2023	
331	-	77	2300537-23-01	LaMoure	Yes	889	Lead service line inventory & replacement	889	-	889	2023	
301	-	-	1000543-09-01	Langdon	Yes	1,878	Water main replacement	3,000	-	-	2023	
343	-	-	1000543-09-02	Langdon	Yes	1,878	Water tower rehabilitation	600	-	-	2024	
344	-	-	1000543-21-01	Langdon	Yes	1,878	Water main looping	950	-	-	2023	
272	-	59	1000543-23-01	Langdon	Yes	1,878	Lead service line inventory & replacement	1,878	-	1,878	2023	30
127	-	-	0300533-13-01	Leeds	Yes	427	Well & transmission line improvements	600	-	-	2023	
203	-	-	0300533-13-02	Leeds	Yes	427	WTP improvements	450	-	-	2023	
298	-	-	0300533-20-01	Leeds	Yes	427	Water main replacement	525	-	-	2023	
261	-	53	0300533-23-01	Leeds	Yes	427	Lead service line inventory & replacement	427	-	427	2023	30
52	-	-	2600556-22-01	Lehr	Yes	80	Water tower & water main replacement	1,500	-	-	2023	
222	-	47	2600556-23-01	Lehr	Yes	80	Lead service line inventory & replacement	80	-	80	2023	30
51	-	68	3900567-16-01	Lidgerwood	Yes	652	Transmission main & lead service line replacement	1,126	-	320	2024	
101	-	-	3900567-23-01	Lidgerwood	Yes	652	Booster station and water tower controls	292	-	-	2024	
243	-	-	0800570-22-01	Lincoln	No	4,257	Water storage & transmission line improvements	5,400	-	-	2023	
55	-	-	1500571-21-01	Linton	Yes	990	Curb stop replacement	1,500	-	-	2023	
41	-	19	1500571-23-01	Linton	Yes	990	Lead service line inventory & replacement	990	-	990	2023	30
77	-	-	3700574-11-01	Lisbon	Yes	2,154	Water well	300	-	-	2022	
150	-	-	3700574-11-02	Lisbon	Yes	2,154	Water main replacement	2,500	-	-	2022	
100	-	-	3700574-14-01	Lisbon	Yes	2,154	WTP improvements	1,000	-	-	2022	
109	-	27	3700574-23-01	Lisbon	Yes	2,154	Lead service line inventory & replacement	2,154	-	2,154	2023	30

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119	-	-	0300587-22-02	Maddock	Yes	380	Water tower repair or replacement	2,500	-	-	2024	
295	-	-	5100593-13-01	Makoti	Yes	154	Well & transmission line improvements	400	-	-	2023	
362	-	-	5100593-13-02	Makoti	Yes	154	Water main replacement	2,000	-	-	2022	
339	-	80	5100593-23-01	Makoti	Yes	154	Lead service line inventory & replacement	154	-	154	2023	
346	-	-	3000596-13-03	Mandan	Yes	32,000	Boundary road PRV	661	-	-	2023	
305	-	-	3000596-19-01	Mandan	Yes	32,000	Collins Ave reservoir replacement	3,566	-	-	2025	
208	-	-	3000596-21-01	Mandan	Yes	32,000	Memorial Hwy water main upgrade	5,500	-	-	2023	
252	-	-	3000596-21-02	Mandan	Yes	32,000	South end pump station improvements	419	-	-	2024	
91	-	-	3000596-22-01	Mandan	Yes	32,000	WTP optimization phase 3	6,587	-	-	2024	
306	-	-	3000596-22-03	Mandan	Yes	32,000	Midtown west water main replacement	2,000	-	-	2026	
307	-	-	3000596-22-04	Mandan	Yes	32,000	Water distribution system improvements	400	-	-	2023	
308	-	-	3000596-22-05	Mandan	Yes	32,000	Downtown water main replacement	1,200	-	-	2024	
135	-	13	3000596-22-06	Mandan	Yes	32,000	Lead service line inventory & replacement	200	-	200	2023	30
335	-	-	0900613-20-01	Mapleton	Yes	1,320	Water main replacement	1,000	-	-	2023	
248	-	-	0900613-22-01	Mapleton	Yes	1,320	Water main railroad crossing & looping	800	-	-	2023	
336	-	79	0900613-23-01	Mapleton	Yes	1,320	Lead service line inventory & replacement	310	-	310	2023	
255	-	-	2800619-18-01	Max	Yes	334	Water main replacement	639	-	-	2023	
256	-	-	2800619-20-01	Max	Yes	334	Gate valve replacement	156	-	-	2023	
368	-	-	0500620-23-01	Maxbass	Yes	85	Curb stop and gate valve replacement	126	-	-	2024	
205	-	-	4900622-16-01	Mayville	Yes	1,858	WTP upgrades	790	-	-	2023	
206	-	-	4900622-22-01	Mayville	Yes	1,858	Refinance of surface water intake and water main improvements	950	-	-	-	
273	-	60	4900622-23-01	Mayville	Yes	1,858	Lead service line inventory & replacement	1,858	-	1,858	2023	30
105	-	-	4200626-22-01	McClusky	Yes	380	Water main replacement	300	-	-	2023	
81	-	21	4200626-23-01	McClusky	Yes	380	Lead service line inventory & replacement	380	-	380	2023	30
202	-	-	3200626-19-01	McVilleville	Yes	375	WTP improvements	1,300	-	-	2024	
126	-	-	3200626-22-01	McVilleville	Yes	375	Elevated tank replacement	2,300	-	-	2023	
166	-	102	3200626-22-02	McVilleville	Yes	375	Distribution system improvements	10,500	-	150	2024	
260	-	52	3200626-23-01	McVilleville	Yes	375	Lead service line inventory & replacement	375	-	375	2023	30
5	-	-	4700637-16-01	Medina	Yes	300	WTP & well improvements	840	-	-	2023	20+
37	-	-	4700637-16-02	Medina	Yes	300	Water main replacement	840	-	-	2022	
151	-	-	4700637-16-03	Medina	Yes	300	Water tower replacement	1,000	-	-	2023	
110	-	28	4700637-23-01	Medina	Yes	300	Lead service line inventory & replacement	300	-	300	2023	30
219	-	-	0400638-23-01	Medora	Yes	135	Pacific Ave watermain replacement & expansion	1,585	-	-	2024	
220	-	-	0400638-23-02	Medora	Yes	135	Watermain replacement	7,482	-	-	2025	
221	-	-	0400638-23-03	Medora	Yes	135	Water reservoir expansion	2,200	-	-	2025	
403	-	-	TBD-22-01	Metro Flood Diversion	No	19,500	USACE southern embankment & infrastructure	19,000	-	-	2023	
391	-	-	3200653-13-01	Michigan	No	100	Water tower rehabilitation	100	-	-	2023	
363	-	85	3200653-23-01	Michigan	No	100	Lead service line inventory & replacement	345	-	345	2023	
370	-	-	4101425-19-01	Milnor	No	638	Booster station improvements	317	-	-	2023	
31	-	8	5100660-23-01	Minot	Yes	80,000	Eastwood park water main replacement	5,000	-	1,000	2023	30
265	-	-	3001431-22-01	Missouri West WS	Yes	8,050	Service to users in Lyons Rd area and along Hwy 1806	2,025	-	-	2023	
268	-	-	3800695-21-01	Mohall	Yes	705	2nd Ave SE water main replacement	544	-	-	2023	
269	-	-	3800695-22-01	Mohall	Yes	705	3rd Ave, 4th & 5th St NW water main replacement	662	-	-	2024	
270	-	91	3800695-22-02	Mohall	Yes	705	Lead service line replacement	1,649	-	1,649	2023	
21	-	-	3900703-11-01	Mooreton	Yes	90	Gate valve & hydrant replacement, control upgrades, addition of bladder tank storage	700	-	-	2024	
60	-	-	2100704-22-01	Mott	Yes	728	Pump house & water tower improvements	2,000	-	-	2023	
66	-	55	2100704-22-02	Mott	Yes	728	Water main replacement district no. 2022-1	1,800	-	20	2023	30
266	-	56	2100704-23-01	Mott	Yes	728	Lead service line inventory & replacement	728	-	728	2023	30
64	-	-	2400715-13-01	Napoleon	Yes	707	Water main extension	2,000	-	-	2023	

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340	-	-	2400715-22-01	Napoleon	Yes	707	Refinance of water main replacement	3,100	-	-	-	
312	-	73	2400715-23-01	Napoleon	Yes	707	Lead service line inventory & replacement	792	-	792	2023	
54	-	-	2100726-20-01	New England	Yes	600	Water main replacement & looping	1,000	-	-	2023	
27	-	-	2100726-22-01	New England	Yes	600	Refinance of water system imp. districts Phase 1, 2 & 3	5,996	-	-	-	
17	-	-	2100726-22-04	New England	Yes	600	Refinance of water main, service line, water tower, hydrant, & gate valve replacement	5,996	-	-	-	
83	-	23	2100726-23-01	New England	Yes	600	Lead service line inventory & replacement	600	-	600	2023	30
131	-	88	1900731-22-01	New Leipzig	Yes	218	Water main & lead service line replacement	708	-	71	2023	
213	-	45	1900731-23-01	New Leipzig	Yes	218	Lead service line inventory & replacement	218	-	218	2023	30
160	-	120	3100744-22-01	New Town	Yes	1,925	Lead service line inventory	125	-	125	-	
118	-	-	3100744-23-01	New Town	Yes	1,925	Reverse osmosis WTP upgrade	39,000	-	-	2025	
184	-	-	1200748-18-01	Noonan	Yes	144	Main St water improvements	832	-	-	2023	
185	-	-	1200748-20-01	Noonan	Yes	144	Water main replacement (Washington St)	665	-	-	2025	
195	-	-	5101189-19-01	North Prairie RWD	Yes	13,000	Backup generators	650	-	-	2023	
175	-	-	5101189-22-01	North Prairie RWD	Yes	13,000	Water main replacement - 47th & 48th St.	1,030	-	-	2023	
120	-	-	5101189-23-01	North Prairie RWD	Yes	13,000	Reservoir 3 to Max transmission main	2,557	-	-	2024	
146	-	-	1001380-21-02	Northeast RWD	Yes	7,517	Individual service to residents of Milton, Nekoma, & Osnabrock	3,599	-	-	2024	
285	-	128	1001380-22-01	Northeast RWD	Yes	7,517	Lead service line inventory	200	-	200	-	
3	4	-	1001380-22-02	Northeast RWD	Yes	7,517	WTP & wellfield expansion	6,000	4,000	-	2024	
125	-	-	1100758-09-01	Oakes	Yes	1,856	Water reservoir & pump station	720	-	-	2023	
247	-	-	1100758-11-01	Oakes	Yes	1,856	WTP upgrades	2,000	-	-	2023	
163	-	-	1100758-11-02	Oakes	Yes	1,856	Well replacement	400	-	-	2023	
304	-	70	1100759-23-01	Oakes	Yes	1,856	Lead service line inventory & replacement	1,856	-	1,856	2023	
35	-	127	0300762-15-01	Oberon	Yes	104	Distribution system replacement	3,400	-	250	2024	
49	-	-	0300762-15-02	Oberon	Yes	104	Well & control building improvements	650	-	-	2024	
156	-	36	0300762-23-01	Oberon	Yes	104	Lead service line inventory & replacement	104	-	104	2023	30
320	-	-	0200763-09-01	Oriska	No	128	Reservoir & pump house improvements	650	-	-	2024	
388	-	108	0200763-23-01	Oriska	No	128	Lead service line inventory & replacement	310	-	310	2023	
286	-	129	5000773-22-01	Park River	Yes	1,427	Lead service line inventory	125	-	125	-	
57	-	-	3100775-21-01	Parshall	Yes	903	Wild Horse Addition water main looping	750	-	-	2023	
58	-	-	3100775-22-01	Parshall	Yes	903	Water supply line improvements	9,000	-	-	2023	
85	-	113	3100775-22-02	Parshall	Yes	903	Lead service line inventory	94	-	94	2023	
144	-	31	2900789-23-01	Pick City	Yes	89	Lead service line inventory & replacement	89	-	89	2023	30
338	-	-	3100798-16-02	Plaza	Yes	171	Hydrant upgrades	530	-	-	2023	
386	-	140	3100798-22-01	Plaza	Yes	171	Lead service line inventory	63	-	63	-	
395	-	-	0700800-19-01	Portal	No	150	Water main looping	150	-	-	2023	
396	-	-	0700800-19-02	Portal	No	150	Hydrant & gate valve replacement	100	-	-	2023	
86	-	-	4900803-08-01	Portland	No	606	Water tower replacement & distribution system improvements	1,575	-	-	2023	
375	-	92	4900803-23-01	Portland	No	606	Lead service line inventory & replacement	281	-	281	2023	
314	-	-	0700804-23-01	Powers Lake	Yes	385	Water main replacement	833	-	-	2024	
82	-	22	2100816-23-01	Regent	Yes	123	Lead service line inventory & replacement	100	-	100	2023	30
223	-	48	0600819-23-01	Rhame	Yes	154	Lead service line inventory & replacement	154	-	154	2023	30
67	-	-	0600819-23-02	Rhame	Yes	154	Citywide water system improvements	5,150	-	-	2023	
302	-	-	2800825-20-01	Riverdale	Yes	226	Gate valve replacement	1,460	-	-	2023	
207	-	-	2800825-20-02	Riverdale	Yes	226	Raw water line replacement	6,000	-	-	2023	
274	-	61	2800825-23-01	Riverdale	Yes	226	Lead service line inventory & replacement	1,500	-	1,500	2023	30
22	-	82	2200827-16-01	Robinson	Yes	45	Distribution system improvements	1,000	-	150	2023	
180	-	41	2200827-23-01	Robinson	Yes	45	Lead service line inventory & replacement	46	-	46	2023	30
254	-	-	4800828-22-01	Rock Lake	Yes	94	Water tower rehabilitation	500	-	-	2024	

Priority Ranking (Base & Supplemental)	Priority Ranking (Emerging Contaminants)	Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost (\$1,000)	Project Cost - Emerging Contaminants (\$1,000)	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
117	-	-	4000833-19-01	Rolette	Yes	594	Water meter replacement	200	-	-	2023	
84	-	24	4000833-23-01	Rolette	Yes	594	Lead service line inventory & replacement	611	-	611	2023	30
56	-	20	4000834-20-01	Rolla	Yes	1,280	Lead service line inventory & replacement	745	-	745	2024	
89	-	-	3500842-20-01	Rugby	Yes	2,876	WTP phase III improvements	1,470	-	-	2022	
299	-	-	3500842-21-03	Rugby	Yes	2,876	Raw water line replacement	8,306	-	-	2023	
369	-	137	3500842-22-01	Rugby	Yes	2,876	Lead service line inventory	250	-	250	-	
200	-	-	4100848-16-01	Rutland	Yes	163	Water main replacement	750	-	-	2025	
341	-	-	4100848-22-01	Rutland	Yes	163	Water tower replacement	1,200	-	-	2024	
245	-	-	5100849-21-01	Ryder	Yes	80	Water tower replacement	1,500	-	-	2025	
351	-	-	0200858-13-01	Sanborn	No	194	Distribution system improvements	650	-	-	2023	
376	-	93	0200858-23-01	Sanborn	No	194	Lead service line inventory & replacement	194	-	194	2023	
330	-	-	5100868-14-01	Sawyer	Yes	367	Water main improvements	1,000	-	-	2023	
300	-	69	5100868-23-01	Sawyer	Yes	367	Lead service line inventory & replacement	367	-	367	2023	30
182	-	43	4300871-23-01	Selfridge	Yes	123	Lead service line inventory & replacement	60	-	60	2023	30
380	-	-	4600875-23-01	Sharon	Yes	123	Water tower rehab	750	-	-	2023	
372	-	-	3800877-15-01	Sherwood	No	256	Water main replacement - 3 block	532	-	-	2023	
373	-	-	3800877-22-01	Sherwood	No	256	Water main replacement - 12 block	1,392	-	-	2023	
63	-	107	1400879-15-01	Sheyenne	Yes	204	Water main replacement	3,500	-	200	2024	
279	-	65	1400879-23-01	Sheyenne	Yes	204	Lead service line inventory & replacement	123	-	123	2023	30
281	-	-	0801154-23-01	South Central RWD	Yes	10,400	Hawktree tank	2,820	-	-	2024	
34	-	-	0801154-23-02	South Central RWD	Yes	10,400	Service to Ashley	10,560	-	-	2024	
172	-	-	4500891-19-01	South Heart	Yes	307	Water main replacement	3,400	-	-	2024	
315	-	-	3901068-14-01	Southeast WUD	Yes	10,839	Automatic meter readers	2,000	-	-	2022	
15	8	-	3901068-20-01	Southeast WUD	Yes	10,839	West WTP improvements	12,645	12,645	-	2022	
264	-	-	3901068-22-01	Southeast WUD	Yes	10,839	Distribution system improvements	3,605	-	-	2024	
162	-	-	4000854-22-01	St. John	Yes	342	Lead service line inventory	63	-	63	-	
28	-	-	4000854-22-02	St. John	Yes	342	Water tower replacement	1,875	-	-	2023	
136	-	94	3100898-23-01	Stanley	Yes	2,500	Capital improvement plan - Phase 2	6,575	-	25	2024	
257	-	-	2200913-22-01	Steele	Yes	918	SE distribution system improvements	1,700	-	-	2023	
215	-	46	2200913-23-01	Steele	Yes	918	Lead service line inventory & replacement	918	-	918	2023	30
178	-	39	1500921-23-01	Strasburg	Yes	379	Lead service line inventory & replacement	230	-	230	2023	30
188	-	-	4700922-12-01	Streeter	Yes	170	Water main looping	750	-	-	2023	
73	-	-	4700922-13-01	Streeter	Yes	170	WTP improvements	500	-	-	2023	
99	-	-	4700922-13-02	Streeter	Yes	170	Well redundancy & pump update	800	-	-	2023	
19	-	-	4701303-19-01	Stutsman RWD	Yes	6,700	Service to Streeter	776	-	-	2023	
16	-	-	4701303-19-04	Stutsman RWD	Yes	6,700	Raw water facilities improvements	4,271	-	-	2023	
328	-	-	5100923-22-01	Surrey	Yes	1,358	Hydrant & gate valve replacement	150	-	-	2023	
329	-	-	5100923-22-02	Surrey	Yes	1,358	Wenz Addition distribution system upgrades	1,900	-	-	2023	
385	-	139	5100923-22-03	Surrey	Yes	1,358	Lead service line inventory	63	-	63	-	
152	-	-	5200927-13-01	Sykeston	Yes	117	Water main replacement district no. 2022-1	250	-	-	2022	
112	-	29	5200927-23-01	Sykeston	Yes	117	Lead service line inventory & replacement	117	-	117	2023	30
87	-	116	4500934-23-01	Taylor	No	230	Distribution system improvements	5,100	-	600	2024	
153	-	-	5300936-23-01	Tioga	Yes	2,500	Water main replacement	2,400	-	-	2023	
113	-	30	5300936-23-02	Tioga	Yes	2,500	Lead service line inventory & replacement	250	-	250	2023	30
400	-	-	0900945-09-01	Tower City	No	252	Water tower rehabilitation	900	-	-	2024	
242	-	123	0900945-12-01	Tower City	No	252	Distribution system improvements	2,900	-	300	2024	
394	-	-	0900945-19-01	Tower City	No	252	Refinance of gate valve & service line replacement	600	-	-	-	
389	-	109	0900945-23-01	Tower City	No	252	Lead service line inventory & replacement	252	-	252	2023	
93	-	-	3201072-22-01	Tri-County WD	Yes	3,175	Phase 6 expansion	1,800	-	-	2023	
44	-	-	3201072-22-02	Tri-County WD	Yes	3,175	Phase 7 expansion	3,286	-	-	2023	
322	-	-	2800949-20-01	Turtle Lake	No	575	Water main replacement district no. 2022-1	1,000	-	-	2023	

Priority Ranking (Base & Supplemental)	Priority Ranking (Emerging Contaminants)	Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost (\$1,000)	Project Cost - Emerging Contaminants (\$1,000)	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
356	-	81	2800949-23-01	Turtle Lake	No	575	Lead service line inventory & replacement	575	-	575	2023	
130	-	10	2200951-23-01	Tuttle	Yes	59	Lead service line inventory & replacement	80	-	80	2023	30
43	-	-	2800953-22-01	Underwood	Yes	850	Water tower replacement	3,250	-	-	2023	
276	-	63	2800953-23-01	Underwood	Yes	850	Lead service line inventory & replacement	850	-	850	2023	30
53	-	-	2500956-16-01	Upham	Yes	133	Water main & service line replacement	508	-	-	2023	
70	-	-	511074-21-01	Upper Souris WD	Yes	85,734	Improvements & expansion phase II	5,000	-	-	2024	
333	-	111	0200958-22-04	Valley City	Yes	6,585	Lead service line replacement	2,000	-	2,000	2023	
303	-	-	2500964-19-01	Velva	Yes	1,256	Water main replacement	640	-	-	2023	
169	-	17	2500964-22-01	Velva	Yes	1,256	Lead service line replacement	2,373	-	2,373	2023	30
277	-	-	2300969-12-01	Verona	Yes	85	Water main replacement	515	-	-	2023	
171	-	-	2300969-14-01	Verona	Yes	85	Pump house replacement	300	-	-	2023	
318	-	-	2300969-19-01	Verona	Yes	85	Water meter replacement	100	-	-	2023	
225	-	49	2300969-23-01	Verona	Yes	85	Lead service line inventory & replacement	85	-	85	2023	30
158	-	-	3900973-04-01	Wahpeton	Yes	8,004	Water main looping	284	-	-	2024	
20	-	-	3900973-16-01	Wahpeton	Yes	8,004	WTP process improvements	10,707	-	-	2023	
114	-	-	3900973-18-03	Wahpeton	Yes	8,004	15th Ave & 14th St N distribution system improvements	1,114	-	-	2024	
115	-	-	3900973-19-01	Wahpeton	Yes	8,004	Well field relocation	6,654	-	-	2023	
39	-	58	3900973-22-01	Wahpeton	Yes	8,004	3rd Ave & 5th St S distribution system improvements	1,480	-	85	2025	
159	-	-	3900973-22-02	Wahpeton	Yes	8,004	Water tower improvements	420	-	-	2025	
116	-	-	3900973-23-01	Wahpeton	Yes	8,004	Cul-de-sac improvements	2,001	-	-	2025	
24	-	-	5001075-19-01	Walsh RWD	Yes	3,340	NRWD interconnect	3,340	-	-	2023	
233	-	124	5001075-22-01	Walsh RWD	Yes	3,340	Lead service line inventory	200	-	200	-	
59	-	-	5001075-23-01	Walsh RWD	Yes	3,340	NE ND regional water supply project	100,769	-	-	2024	
8	2	-	5001075-23-02	Walsh RWD	Yes	3,340	WTP expansions	10,000	10,000	-	2024	
244	-	-	2800989-18-01	Washburn	Yes	1,313	Raw water intake replacement	1,988	-	-	2023	
393	-	142	2800989-22-01	Washburn	Yes	1,313	Lead service line inventory	125	-	125	-	
111	-	-	5301686-19-01	WAWSA	Yes	69,859	Williston WTP expansion to 35 MGD	44,850	-	-	2024	
348	-	-	5301686-20-01	WAWSA	Yes	69,859	Williston WTP acquisition	7,155	-	-	-	
234	-	-	5301686-23-01	WAWSA	Yes	69,859	NWRWD BDW rural distribution expansion	4,400	-	-	2024	
235	-	-	5301686-23-02	WAWSA	Yes	69,859	MCWRD system II improvements	7,700	-	-	2024	
236	-	-	5301686-23-03	WAWSA	Yes	69,859	MCWRD system IV improvements	3,300	-	-	2024	
157	-	-	5301686-23-04	WAWSA	Yes	69,859	MCWRD transmission system expansion	38,600	-	-	2024	
237	-	-	5301686-23-05	WAWSA	Yes	69,859	NWRWD east Williston CR9 service area	6,400	-	-	2023	
121	-	-	5301686-23-06	WAWSA	Yes	69,859	NWRWD Trenton area rural distribution	8,300	-	-	2024	
238	-	-	5301686-23-07	WAWSA	Yes	69,859	R&TWD Battleview McGregor rural distribution	9,350	-	-	2024	
239	-	-	5301686-23-08	WAWSA	Yes	69,859	R&TWD Blaisdell Palermo rural distribution	3,900	-	-	2024	
280	-	-	5301686-23-09	WAWSA	Yes	69,859	R&TWD Stanley transmission imp. phase II	14,300	-	-	2024	
337	-	-	0900999-22-01	West Fargo	Yes	36,406	Water main & appurtenance replacement	15,000	-	-	2024	
224	-	-	5101447-16-01	West River WD	Yes	650	Water service line replacement	471	-	-	2022	
217	-	-	0501001-09-01	Westhope	Yes	429	Water main & service line replacement - 3 blocks	504	-	-	2023	
218	-	-	0501001-22-01	Westhope	Yes	429	Water main & service line replacement - 12 blocks	1,169	-	-	2023	
355	-	-	5301011-20-01	Wildrose	Yes	150	Water main & service line replacement - 3 blocks	629	-	-	2023	
350	-	122	5201012-22-01	Williston	No	30,000	1st Ave water main & lead service line replacement	835	-	84	2023	
321	-	119	5201012-22-02	Williston	No	30,000	5th Ave W phase 1 water main replacement	5,105	-	510	2024	
137	-	97	5201012-22-03	Williston	Yes	30,000	5th Ave W phase 2 water main replacement	803	-	502	2025	
138	-	98	5201012-22-04	Williston	Yes	30,000	7th Ave W phase 1 water main replacement	681	-	563	2026	
139	-	99	5201012-22-05	Williston	Yes	30,000	7th Ave W phase 2 water main replacement	720	-	585	2027	
284	-	136	5201012-22-07	Williston	Yes	30,000	Water meter replacement & lead service line inventory	2,500	-	250	2023	
165	-	100	0801031-18-01	Wilton	Yes	750	Water main replacement (Minnesota Ave, 7th St, Dakota Ave, Burleigh Ave, Railway Ave)	4,100	-	160	2023	

Priority Ranking (Base & Supplemental)	Priority Ranking (Emerging Contaminants)	Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost (\$1,000)	Project Cost - Emerging Contaminants (\$1,000)	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
198	-	110	0801031-22-02	Wilton	Yes	750	Bismarck & Dakota Ave water main & lead service line replacement, water tower improvements	2,125	-	100	2023	
258	-	50	0801031-23-01	Wilton	Yes	750	Lead service line inventory & replacement	718	-	718	2023	30
128	-	-	0801036-19-01	Wing	Yes	152	Water tower replacement	700	-	-	2024	
134	-	12	0801036-23-01	Wing	Yes	152	Lead service line inventory & replacement	152	-	152	2023	30
313	-	-	2601037-20-01	Wishek	Yes	1,002	Hydrant replacement	350	-	-	2023	
65	9	-	2601037-20-02	Wishek	Yes	1,002	WTP improvements for iron & manganese	1,200	1,200	-	2023	
297	-	-	3901043-23-01	Wyndmere	Yes	454	Distribution improvements phase 2 & 3	10,000	-	-	2028	
275	-	62	2601055-23-01	Zeeland	Yes	82	Lead service line inventory & replacement	130	-	130	2023	30

Total Project Cost: 1,124,602 64,563 72,621

¹ Estimated length of the loan term only. The loan term will be set at the time of loan approval.

Appendix C

Comprehensive Project Priority List and Fundable List for 2023 Emerging Contaminants Funding

Priority Ranking (Emerging Contaminants)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost - Emerging Contaminants (\$1,000)	Construction Start Date	Est. Loan Term ¹
3	2600038-21-03	Ashley	Yes	700	WTP improvements	1,250	2023	20+
1	2001061-22-03	Dakota RWD	Yes	2,472	WTP expansion & manganese removal	5,000	2023	20+
6	1801062-22-05	East Central RWD	Yes	8,448	WTP expansion (phase 5)	10,564	2023	20+
7	1801062-23-01	East Central RWD	Yes	8,448	Hillsboro WTP expansion	9,978	2023	20+
5	0900336-23-05	Fargo	Yes	166,000	GAC filter conversion	7,000	2023	20+
10	5300425-20-04	Grenora	Yes	350	WTP improvements	2,926	2027	
4	1001380-22-02	Northeast RWD	Yes	7,517	WTP & wellfield expansion	4,000	2024	
8	3901068-20-01	Southeast WUD	Yes	10,839	West WTP improvements	12,645	2022	
2	5001075-23-02	Walsh RWD	Yes	3,340	WTP expansions	10,000	2024	
9	2601037-20-02	Wishek	Yes	1,002	WTP improvements for iron & manganese	1,200	2023	

Total Project Cost: 64,563

¹ Estimated length of the loan term only. The loan term will be set at the time of loan approval.

Appendix D

Comprehensive Project Priority List and Fundable List for 2023 Lead Funding

Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
130	1801056-22-01	Agassiz WUD	Yes	3,525	Lead service line inventory	200	-	
95	3000012-23-01	Almont	No	115	Lead service line inventory & replacement	115	2023	
117	0900017-22-01	Amenia	No	94	Distribution system improvements	45	2023	
89	0900017-23-01	Amenia	No	94	Lead service line inventory & replacement	700	2023	
37	3200023-23-01	Aneta	Yes	234	Lead service line inventory & replacement	234	2023	30
86	0900035-23-01	Arthur	No	328	Lead service line inventory & replacement	328	2023	
34	2600038-23-01	Ashley	Yes	700	Lead service line inventory & replacement	700	2023	30
90	1700059-22-01	Beach	Yes	981	Water main & lead service line replacement	181	2023	
135	1700059-22-02	Beach	Yes	981	Lead service line inventory	94	-	
87	5100072-23-01	Berthold	No	454	Lead service line inventory & replacement	454	2023	
16	0800080-19-01	Bismarck	Yes	88,000	Water main & lead service line replacement	1,500	2023	30
18	0800080-23-01	Bismarck	Yes	88,000	Lead service line replacement	1,000	2023	30
141	0700114-22-01	Bowbells	Yes	301	Lead service line inventory	63	-	
118	0900134-11-01	Buffalo	No	225	Distribution system improvements	200	2024	
96	0900134-23-01	Buffalo	No	225	Lead service line inventory & replacement	225	2023	
1	4800152-23-01	Cando	Yes	1,115	Lead service line inventory & replacement	1,115	2023	30
7	1900162-22-01	Carson	Yes	238	Railroad, 1st, & 2nd Ave water main replacement	26	2023	30
4	1900162-23-01	Carson	Yes	238	Lead service line inventory & replacement	238	2023	30
15	0900166-23-01	Casselton	Yes	2,513	Lead service line inventory & replacement	2,513	2023	30
121	3400170-22-02	Cavalier	Yes	1,247	Lead service line inventory	125	-	
66	3300174-22-01	Center	Yes	600	Water storage & distribution improvements	260	2023	30
25	3300174-23-01	Center	Yes	600	Lead service line inventory & replacement	600	2023	30
76	3900183-23-01	Christine	Yes	150	Lead service line inventory & replacement	150	2023	
9	2800194-23-01	Coleharbor	Yes	82	Lead service line inventory & replacement	82	2023	30
40	2000203-23-01	Cooperstown	Yes	907	Lead service line inventory & replacement	907	2023	30
105	1200211-22-01	Crosby	Yes	1,065	Hendrickson/Holmes water main improvement	55	2024	
138	2001061-22-01	Dakota RWD	Yes	2,472	Lead service line inventory	200	-	
131	2500266-22-01	Drake	Yes	299	Lead service line inventory	63	-	
57	3400269-23-01	Drayton	Yes	751	Lead service line inventory & replacement	751	2023	30
132	1801062-22-02	East Central RWD	Yes	8,448	Lead service line inventory	200	-	
38	1900303-23-01	Elgin	Yes	662	Lead service line inventory & replacement	662	2023	30
74	3700314-02-02	Enderlin	Yes	890	Water main & lead service line replacement	400	2024	
32	3700314-23-01	Enderlin	Yes	890	Lead service line inventory & replacement	890	2023	30
35	3900333-23-01	Fairmount	Yes	367	Lead service line inventory & replacement	367	2023	30
84	0900336-18-02	Fargo	Yes	166,000	Lead service line replacement	2,000	2024	
83	0900336-22-01	Fargo	Yes	166,000	Water main replacement	-	2023	

Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
133	0900336-23-02	Fargo	Yes	166,000	AMI meter improvements - phase I	400	2024	
134	0900336-23-03	Fargo	Yes	166,000	AMI meter improvements - phase II	0	2025	
101	5200338-23-01	Fessenden	Yes	462	Lead service line replacement	248	2026	
44	3000342-20-01	Flasher	Yes	290	Lead service line inventory & replacement	350	2023	30
78	1100346-23-01	Forbes	Yes	53	Lead service line inventory & replacement	53	2023	
42	2400380-23-01	Gackle	Yes	310	Lead service line inventory & replacement	310	2023	30
144	4900382-22-02	Galesburg	No	118	Lead service line inventory	63	-	
104	2800389-13-02	Garrison	Yes	2,500	Water main & lead service line replacement	1,000	2023	
54	2800389-23-01	Garrison	Yes	2,500	Lead service line inventory & replacement	1,462	2023	30
26	3000400-23-01	Glen Ullin	Yes	807	Lead service line inventory & replacement	807	2023	30
71	3800397-23-01	Glenburn	Yes	380	Lead service line inventory & replacement	380	2023	
125	5000408-22-01	Grafton	Yes	4,170	Lead service line inventory	250	-	
6	5200458-23-01	Harvey	Yes	1,783	Lead service line inventory & replacement	1,783	2023	30
106	0900460-23-01	Harwood	No	718	Lead service line inventory & replacement	718	2023	
51	1500469-23-01	Hazelton	Yes	225	Lead service line inventory & replacement	225	2023	30
112	2900470-22-01	Hazen	Yes	2,411	Lead service line & water meter replacement	1,500	2023	
72	2900470-23-01	Hazen	Yes	2,411	Lead service line inventory & replacement	2,411	2023	
126	4900482-22-01	Hillsboro	Yes	1,649	Lead service line inventory	125	-	
67	4600487-23-01	Hope	Yes	258	Lead service line inventory & replacement	258	2023	30
14	0900492-15-02	Hunter	Yes	261	Distribution system improvements	200	2024	
5	0900492-23-01	Hunter	Yes	261	Lead service line inventory & replacement	261	2023	30
2	4700498-22-01	Jamestown	Yes	16,000	Water main & lead service line replacement	250	2023	30
3	4700498-22-02	Jamestown	Yes	16,000	Lead service line replacement	3,500	2023	30
75	2300508-15-01	Jud	Yes	72	Distribution system improvements	50	2024	
33	2300508-23-01	Jud	Yes	72	Lead service line inventory & replacement	72	2023	30
103	5100515-15-01	Kenmare	Yes	1,013	Water main replacement	58	2023	
11	5100515-22-01	Kenmare	Yes	1,013	Lead service line inventory & replacement	310	2023	10
143	0900524-22-01	Kindred	No	889	Lead service line replacement study	50	-	
114	0900524-23-01	Kindred	No	889	ACP water main replacement	200	2028	
115	0900524-23-02	Kindred	No	889	Lead service line replacement	500	2024	
64	2300535-23-01	Kulm	Yes	354	Lead service line inventory & replacement	354	2023	30
77	2300537-23-01	LaMoure	Yes	889	Lead service line inventory & replacement	889	2023	
59	1000543-23-01	Langdon	Yes	1,878	Lead service line inventory & replacement	1,878	2023	30
53	0300553-23-01	Leeds	Yes	427	Lead service line inventory & replacement	427	2023	30
47	2600556-23-01	Lehr	Yes	80	Lead service line inventory & replacement	80	2023	30
68	3900567-16-01	Lidgerwood	Yes	652	Transmission main & lead service line replacement	320	2024	

Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
19	1500571-23-01	Linton	Yes	990	Lead service line inventory & replacement	990	2023	30
27	3700574-23-01	Lisbon	Yes	2,154	Lead service line inventory & replacement	2,154	2023	30
80	5100593-23-01	Makoti	Yes	154	Lead service line inventory & replacement	154	2023	
13	3000596-22-06	Mandan	Yes	32,000	Lead service line inventory & replacement	200	2023	30
79	0900613-23-01	Mapleton	Yes	1,320	Lead service line inventory & replacement	310	2023	
60	4900622-23-01	Mayville	Yes	1,858	Lead service line inventory & replacement	1,858	2023	30
21	4200626-23-01	McClusky	Yes	380	Lead service line inventory & replacement	380	2023	30
102	3200626-22-02	McVille	Yes	375	Distribution system improvements	150	2024	
52	3200626-23-01	McVille	Yes	375	Lead service line inventory & replacement	375	2023	30
28	4700637-23-01	Medina	Yes	300	Lead service line inventory & replacement	300	2023	30
85	3200653-23-01	Michigan	No	100	Lead service line inventory & replacement	345	2023	
8	5100660-23-01	Minot	Yes	80,000	Eastwood park water main replacement	1,000	2023	30
91	3800695-22-02	Mohall	Yes	705	Lead service line replacement	1,649	2023	
55	2100704-22-02	Mott	Yes	728	Water main replacement district no. 2022-1	20	2023	30
56	2100704-23-01	Mott	Yes	728	Lead service line inventory & replacement	728	2023	30
73	2400715-23-01	Napoleon	Yes	707	Lead service line inventory & replacement	792	2023	
23	2100726-23-01	New England	Yes	600	Lead service line inventory & replacement	600	2023	30
88	1900731-22-01	New Leipzig	Yes	218	Water main & lead service line replacement	71	2023	
45	1900731-23-01	New Leipzig	Yes	218	Lead service line inventory & replacement	218	2023	30
120	3100744-22-01	New Town	Yes	1,925	Lead service line inventory	125	-	
128	1001380-22-01	Northeast RWD	Yes	7,517	Lead service line inventory	200	-	
70	1100759-23-01	Oakes	Yes	1,856	Lead service line inventory & replacement	1,856	2023	
127	0300762-15-01	Oberon	Yes	104	Distribution system replacement	250	2024	
36	0300762-23-01	Oberon	Yes	104	Lead service line inventory & replacement	104	2023	30
108	0200763-23-01	Oriska	No	128	Lead service line inventory & replacement	310	2023	
129	5000773-22-01	Park River	Yes	1,427	Lead service line inventory	125	-	
113	3100775-22-02	Parshall	Yes	903	Lead service line inventory	94	2023	
31	2900789-23-01	Pick City	Yes	89	Lead service line inventory & replacement	89	2023	30
140	3100798-22-01	Plaza	Yes	171	Lead service line inventory	63	-	
92	4900803-23-01	Portland	No	606	Lead service line inventory & replacement	281	2023	
22	2100816-23-01	Regent	Yes	123	Lead service line inventory & replacement	100	2023	30
48	0600819-23-01	Rhame	Yes	154	Lead service line inventory & replacement	154	2023	30
61	2800825-23-01	Riverdale	Yes	226	Lead service line inventory & replacement	1,500	2023	30
82	2200827-16-01	Robinson	Yes	45	Distribution system improvements	150	2023	
41	2200827-23-01	Robinson	Yes	45	Lead service line inventory & replacement	46	2023	30
24	4000833-23-01	Rolette	Yes	594	Lead service line inventory & replacement	611	2023	30

Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
20	4000834-20-01	Rolla	Yes	1,280	Lead service line inventory & replacement	745	2024	
137	3500842-22-01	Rugby	Yes	2,876	Lead service line inventory	250	-	
93	0200858-23-01	Sanborn	No	194	Lead service line inventory & replacement	194	2023	
69	5100868-23-01	Sawyer	Yes	367	Lead service line inventory & replacement	367	2023	30
43	4300871-23-01	Selfridge	Yes	123	Lead service line inventory & replacement	60	2023	30
107	1400879-15-01	Sheyenne	Yes	204	Water main replacement	200	2024	
65	1400879-23-01	Sheyenne	Yes	204	Lead service line inventory & replacement	123	2023	30
94	3100898-23-01	Stanley	Yes	2,500	Capital improvement plan - Phase 2	25	2024	
46	2200913-23-01	Steele	Yes	918	Lead service line inventory & replacement	918	2023	30
39	1500921-23-01	Strasburg	Yes	379	Lead service line inventory & replacement	230	2023	30
139	5100923-22-03	Surrey	Yes	1,358	Lead service line inventory	63	-	
29	5200927-23-01	Sykeston	Yes	117	Lead service line inventory & replacement	117	2023	30
116	4500934-23-01	Taylor	No	230	Distribution system improvements	600	2024	
30	5300936-23-02	Tioga	Yes	2,500	Lead service line inventory & replacement	250	2023	30
123	0900945-12-01	Tower City	No	252	Distribution system improvements	300	2024	
109	0900945-23-01	Tower City	No	252	Lead service line inventory & replacement	252	2023	
81	2800949-23-01	Turtle Lake	No	575	Lead service line inventory & replacement	575	2023	
10	2200951-23-01	Tuttle	Yes	59	Lead service line inventory & replacement	80	2023	30
63	2800953-23-01	Underwood	Yes	850	Lead service line inventory & replacement	850	2023	30
111	0200958-22-04	Valley City	Yes	6,585	Lead service line replacement	2,000	2023	
17	2500964-22-01	Velva	Yes	1,256	Lead service line replacement	2,373	2023	30
49	2300969-23-01	Verona	Yes	85	Lead service line inventory & replacement	85	2023	30
58	3900973-22-01	Wahpeton	Yes	8,004	3rd Ave & 5th St S distribution system improvements	85	2025	
124	5001075-22-01	Walsh RWD	Yes	3,340	Lead service line inventory	200	-	
142	2800989-22-01	Washburn	Yes	1,313	Lead service line inventory	125	-	
122	5201012-22-01	Williston	No	30,000	1st Ave water main & lead service line replacement	84	2023	
119	5201012-22-02	Williston	No	30,000	5th Ave W phase 1 water main replacement	510	2024	
97	5201012-22-03	Williston	Yes	30,000	5th Ave W phase 2 water main replacement	502	2025	
98	5201012-22-04	Williston	Yes	30,000	7th Ave W phase 1 water main replacement	563	2026	
99	5201012-22-05	Williston	Yes	30,000	7th Ave W phase 2 water main replacement	585	2027	
136	5201012-22-07	Williston	Yes	30,000	Water meter replacement & lead service line inventory	250	2023	
100	0801031-18-01	Wilton	Yes	750	Water main replacement (Minnesota Ave, 7th St, Dakota Ave, Burleigh Ave, Railway Ave)	160	2023	
110	0801031-22-02	Wilton	Yes	750	Bismarck & Dakota Ave water main & lead service line replacement, water tower improvements	100	2023	
50	0801031-23-01	Wilton	Yes	750	Lead service line inventory & replacement	718	2023	30

Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loan Term ¹
12	0801036-23-01	Wing	Yes	152	Lead service line inventory & replacement	152	2023	30
62	2601055-23-01	Zeeland	Yes	82	Lead service line inventory & replacement	130	2023	30

Total Project Cost: 72,621

¹ Estimated length of the loan term only. The loan term will be set at the time of loan approval.

Appendix E

Priority Ranking System

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

	Base & Supplemental	Emerging Contaminants	Lead Service Line Replacement
Water Quality	30	25	30
Water Quantity	20	-	-
Affordability	20	20	20
Infrastructure Adequacy	15	-	15
Consolidation or Regionalization	10	10	-
Miscellaneous	5	-	5
Total	100	55	70

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.

Water Quality (select all that apply, 30 points maximum)			
	Base & Supplemental Pts.	Emerging Contaminants Pts.	Lead Pts.
A. Documented waterborne disease outbreaks within last 2 years.	<input type="checkbox"/> 20		
B. Unresolved nitrate or nitrite maximum contaminant level (MCL) exceedance(s), OR acute microbiological MCL exceedance(s) within last 12 months.	<input type="checkbox"/> 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).	<input type="checkbox"/> 10		
D. Disinfection treatment inadequate to satisfy one of the following: <ul style="list-style-type: none"> • The Surface Water Treatment Rule (SWTR) • The Enhanced SWTR (ESWTR) • The Groundwater Rule (GWR) • Groundwater source(s) deemed by the PWSS to be under the direct influence of surface water • Multiple turbidity treatment technique requirement (TTR) violations within last 2 years (includes at least one event where the maximum allowed turbidity was exceeded) 	<input type="checkbox"/> 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.	<input type="checkbox"/> 7		
F. MCL or TTR exceedance(s) (no URTH level exceedances) within last 4 years (excludes microbiological contaminants, nitrate, nitrite, and turbidity).	<input type="checkbox"/> 6		<input type="checkbox"/> 30
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	<input type="checkbox"/> 5		<input type="checkbox"/> 25
50% to 74% of MCL or TTR	<input type="checkbox"/> 4		<input type="checkbox"/> 20
25% to 49% of MCL or TTR	<input type="checkbox"/> 3		<input type="checkbox"/> 15
H. General water quality problems			
<ul style="list-style-type: none"> • Total dissolved solids (TDS) \geq 1,500 mg/L • Total hardness (TH) as calcium carbonate \geq 650 mg/L • Sodium (Na) \geq 650 mg/L • Iron (Fe) \geq 2.0 mg/L • Sulfate (SO₄) \geq 750 mg/L 	<input type="checkbox"/> 4		

<ul style="list-style-type: none"> • TDS from 500-1,499 mg/L • TH as calcium carbonate from 200-649 mg/L • Na from 200-659 mg/L • Fe from 0.3-1.9 mg/L • SO₄ from 250-749 mg/L 	<input type="checkbox"/>	2		
I. Emerging contaminants problems				
Exceedance of health advisory level (HAL)	<input type="checkbox"/>	5	<input type="checkbox"/>	25
75% to 100% of HAL	<input type="checkbox"/>	4	<input type="checkbox"/>	20
50% to 74% of HAL	<input type="checkbox"/>	3	<input type="checkbox"/>	15
25% to 49% of HAL	<input type="checkbox"/>	2	<input type="checkbox"/>	10
<25% of HAL, or contaminant with no HAL	<input type="checkbox"/>	1	<input type="checkbox"/>	5

Water Quality Total

Water Quantity (select all that apply, 20 points maximum)			
	Base & Supplemental Pts.	Emerging Contaminants Pts.	Lead Pts.
A. Correction of a critical water supply problem involving the loss or imminent loss of a water supply in the near future	<input type="checkbox"/> 20		
B. Community Water Systems			
Correction of an extreme water supply problem (maximum water available <150 gallons per capita per day (gpcd) OR water losses of >30% as documented through an audit).	<input type="checkbox"/> 10		
Correction of a serious water supply problem (maximum water available <200 gpcd OR daily water shortages OR water losses of 21-30% as documented through an audit).	<input type="checkbox"/> 7		
Correction of a moderate water supply problem (maximum water available <250 gpcd OR occasional daily water shortages OR water losses of 11-20% as documented through an audit).	<input type="checkbox"/> 4		
Correction of a minor water supply problem (maximum water available <300 gpcd OR sporadic water shortages OR water losses up to 10% as documented through an audit).	<input type="checkbox"/> 2		
C. Non-profit Non-community Water Systems			

Correction of an extreme water supply problem (continuous water shortages during all periods of operation).	<input type="checkbox"/> 10		
Correction of a serious water supply problem (inability to meet peak daily water demand at a frequency of at least once per week during all periods of operation).	<input type="checkbox"/> 7		
Correction of a moderate water supply problem (occasional inability to meet peak daily water demands on a seasonal basis).	<input type="checkbox"/> 4		
Correction of a minor water supply problem (occasional inability to meet peak water demands).	<input type="checkbox"/> 2		

Water Quantity Total

Affordability (select all that apply, 20 points maximum)			
	Base & Supplemental Pts.	Emerging Contaminants Pts.	Lead Pts.
A. Average annual residential water user charge as a percent of local or service area annual median household income (AMHI)			
>2.5%	<input type="checkbox"/> 5	<input type="checkbox"/> 5	<input type="checkbox"/> 5
2.0% to 2.5%	<input type="checkbox"/> 4	<input type="checkbox"/> 4	<input type="checkbox"/> 4
1.5% to 1.9%	<input type="checkbox"/> 3	<input type="checkbox"/> 3	<input type="checkbox"/> 3
1.0% to 1.4%	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2
0.5% to 0.9%	<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1
B. Households with income less than 200% of the poverty threshold			
≥50%	<input type="checkbox"/> 5	<input type="checkbox"/> 5	<input type="checkbox"/> 5
40% to 49%	<input type="checkbox"/> 4	<input type="checkbox"/> 4	<input type="checkbox"/> 4
30% to 39%	<input type="checkbox"/> 3	<input type="checkbox"/> 3	<input type="checkbox"/> 3
20% to 29%	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2
10% to 19%	<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1

C. Unemployment rate			
≥5.0%	<input type="checkbox"/> 5	<input type="checkbox"/> 5	<input type="checkbox"/> 5
4.0% to 4.9%	<input type="checkbox"/> 4	<input type="checkbox"/> 4	<input type="checkbox"/> 4
3.0% to 3.9%	<input type="checkbox"/> 3	<input type="checkbox"/> 3	<input type="checkbox"/> 3
2.0% to 2.9%	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2
1.0% to 1.9%	<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1
D. Residents with less than a high school education			
≥20%	<input type="checkbox"/> 5	<input type="checkbox"/> 5	<input type="checkbox"/> 5
16.0% to 19.9%	<input type="checkbox"/> 4	<input type="checkbox"/> 4	<input type="checkbox"/> 4
12.0% to 15.9%	<input type="checkbox"/> 3	<input type="checkbox"/> 3	<input type="checkbox"/> 3
8.0% to 11.9%	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2
4.0% to 7.9%	<input type="checkbox"/> 1	<input type="checkbox"/> 1	<input type="checkbox"/> 1

Affordability Total

Infrastructure Adequacy (select all that apply, 15 points maximum)			
	Base & Supplemental Pts.	Emerging Contaminants Pts.	Lead Pts.
Source Water			
A. Correction of well construction or operating deficiencies	<input type="checkbox"/> 3		
B. Correction of specific design or operating deficiencies associated with surface water intake facilities.	<input type="checkbox"/> 2		
C. Provision of a second well where only one functional well exists for systems relying solely on their own groundwater supplies	<input type="checkbox"/> 2		
D. Correction of specific design or operating deficiencies associated with raw water pumping facilities.	<input type="checkbox"/> 2		

E. Correction of specific design or operating deficiencies associated with raw water distribution system piping and/or appurtenances.	<input type="checkbox"/>	2		
Treatment				
F. Correction of general disinfection treatment deficiencies – excludes improvements necessary to directly comply with the SWTR, the ESWTR, or the GWR.	<input type="checkbox"/>	3		
G. Water treatment plant operating at or above design capacity.	<input type="checkbox"/>	3		
H. Water treatment plant operating at or beyond useful design life.	<input type="checkbox"/>	3		
I. Correction of specific design or operating deficiencies associated with water treatment plant unit processes (excludes disinfection treatment).	<input type="checkbox"/>	2		
J. Correction of specific design or operating deficiencies associated with chemical feed installations (excludes disinfection).	<input type="checkbox"/>	2		
K. Replacement of inoperative, obsolete, or inadequate instrumentation or controls.	<input type="checkbox"/>	2		
Storage				
L. Replacement of deteriorated finished water storage structures.	<input type="checkbox"/>	3		
M. Correction of specific design or operating deficiencies associated with finished water storage facilities.	<input type="checkbox"/>	2		
N. Replacement of inoperative, obsolete, or inadequate instrumentation or controls.	<input type="checkbox"/>	2		
Distribution				
O. Correction of distribution system pressure problems (dynamic pressure <20 psi).	<input type="checkbox"/>	3		
P. Replacement of deteriorated water mains and/or appurtenances.	<input type="checkbox"/>	3		
Q. Replacement of distribution system piping/materials containing lead.	<input type="checkbox"/>	3		<input type="checkbox"/> 15
R. Correction of specific design or operating deficiencies associated with finished water pumping facilities.	<input type="checkbox"/>	2		
S. Correction of specific design or operating deficiencies associated with finished water distribution system piping and/or appurtenances.	<input type="checkbox"/>	2		
T. Replacement of water meters.	<input type="checkbox"/>	2		

Infrastructure Adequacy Total

Consolidation or Regionalization (select all that apply, 10 points maximum)			
	Base & Supplemental Pts.	Emerging Contaminants Pts.	Lead Pts.
A. Correction of Safe Drinking Water Act (SDWA) compliance problem(s) or extreme to critical water supply problem(s) for one or more PWSs.	<input type="checkbox"/> 3		
B. Correction of contamination problems (regulated contaminants) or extreme water quantity problems for individual residences or businesses.	<input type="checkbox"/> 2		
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.	<input type="checkbox"/> 2		
D. Correction of general water quality problems, emerging contaminants, or moderate to serious water quantity problems for individual residences or businesses.	<input type="checkbox"/> 2	<input type="checkbox"/> 10	
E. Resolution of technical, managerial, or financial capacity problems for one or more PWSs.	<input type="checkbox"/> 2		

Consolidation or Regionalization Total

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Miscellaneous (select all that apply, 5 points maximum)			
	Base & Supplemental Pts.	Emerging Contaminants Pts.	Lead Pts.
A. Correction of a problem that poses a safety hazard to operators.	<input type="checkbox"/> 3		
B. Measures to improve the PWS's resiliency during emergencies (interconnections with other PWSs, generators, flood protection, etc.)	<input type="checkbox"/> 3		
C. Administration buildings for the PWS (billing offices, labs, control centers, etc.)	<input type="checkbox"/> 2		
D. Studies that may result in a capital project or reduction in demand to alleviate the need for additional capital investment (water utility audits, leak detection studies, identification of service line materials, optimization studies, asset management plans, drought contingency plans, etc.)	<input type="checkbox"/> 1		<input type="checkbox"/> 5

Miscellaneous Total

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Grand Total

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Appendix F

Non-Project Set-Aside and Loan Fee Activity

Base Funding

Base Funding									
Set-Aside	Set Aside Through 6/30/2022	Transferred to Loan Fund	Expended Through 6/30/2022	Balance Available as of 6/30/2022	Planned Set-Asides for 2023 ³	Total Set-Aside Funds Available 2023	Reserved Through 2022	Reserved from 2023 Allotment	Total Reserved Through 2023
DWSRF Administration	9,603,814	-	9,603,814	0	0	0	1,053,630	565,002	1,618,632
10% State Program Assistance									
PWSS Supervision	6,270,000	2,657,922	3,612,078	0	0	0	5,662,410	493,800	6,156,210
Source Water Protection Capacity Development Operator Certification									
2% Small System Technical Assistance	3,735,612	318,805	3,416,807	0	0	0	516,040	98,760	614,800
15% Local Assistance ¹									
Land Acquisition									
Capacity Development									
Wellhead Protection									
Source Water Petition Programs									
Source Water Protection	1,255,880	820,612	435,268	0	0	0	NA	NA	NA
Totals	20,865,306	3,797,339	17,067,967	0	0	0	7,232,080	1,157,562	8,389,642
Fee Type	Collected Through 6/30/2022	Transferred to Loan Fund	Expended Through 6/30/2022	Balance Available 6/30/2022	Projected Funds 1/1/23 - 12/31/23	Estimated Funds Collected Through 12/31/23	Total Funds Held Through 12/31/23		
Loan Fee ²	19,050,076	0	4,586,928	14,463,148	1,914,796	20,964,872	16,377,944		

¹ No more than 10% may be used for any one activity with a maximum of 15% for all activities combined.

² The loan fee amounts reflect loans approved up to June 30, 2022. The amounts may increase based upon repayments due (if any) under loans approved after this date.

³ DWSRF Administration is calculated as 0.2% of the valuation of the fund.

Supplemental Funding

Set-Aside	Set Aside Through 6/30/2022	Transferred to Loan Fund	Expended Through 6/30/2022	Balance Available as of 6/30/2022	Planned Set-Asides for 2023 ²	Total Set-Aside Funds Available 2023	Reserved Through 2022	Reserved from 2023 Allotment	Total Reserved Through 2023
DWSRF Administration	0	-	0	0	0	0	719,680	842,200	1,561,880
10% State Program Assistance									
PWSS Supervision	0	-	0	0	0	0	1,799,200	2,105,500	3,904,700
Source Water Protection Capacity Development Operator Certification									
2% Small System Technical Assistance	0	-	0	0	0	0	359,840	421,100	780,940
15% Local Assistance ¹	0	-	0	0	0	0	NA	NA	NA
Land Acquisition									
Capacity Development									
Wellhead Protection									
Source Water Petition Programs									
Source Water Protection									
Totals	0	0	0	0	0	0	2,878,720	3,368,800	6,247,520

¹ No more than 10% may be used for any one activity with a maximum of 15% for all activities combined.

² DWSRF Administration is calculated as 4% of the capitalization grant.

Emerging Contaminants Funding

Set-Aside	Set Aside Through 6/30/2022	Transferred to Loan Fund	Expended Through 6/30/2022	Balance Available as of 6/30/2022	Planned Set-Asides for 2023 ²	Total Set-Aside Funds Available 2023	Reserved Through 2022	Reserved from 2023 Allotment	Total Reserved Through 2023
DWSRF Administration	0	-	0	0	0	0	302,200	305,600	607,800
10% State Program Assistance									
PWSS Supervision	0	-	0	0	0	0	755,500	764,000	1,519,500
Source Water Protection Capacity Development									
Operator Certification									
2% Small System Technical Assistance	0	-	0	0	0	0	151,100	152,800	303,900
15% Local Assistance ¹	0	-	0	0	0	0	NA	NA	NA
Land Acquisition									
Capacity Development									
Wellhead Protection									
Source Water Petition Programs									
Source Water Protection									
Totals	0	0	0	0	0	0	1,208,800	1,222,400	2,431,200

¹ No more than 10% may be used for any one activity with a maximum of 15% for all activities combined.

² DWSRF Administration is calculated as 4% of the capitalization grant.

Lead Funding

Set-Aside	Set Aside Through 6/30/2022	Transferred to Loan Fund	Expended Through 6/30/2022	Balance Available as of 6/30/2022	Planned Set-Asides for 2023 ²	Total Set-Aside Funds Available 2023	Reserved Through 2022	Reserved from 2023 Allotment	Total Reserved Through 2023
DWSRF Administration	1,134,000	-	0	1,134,000	1,146,000	2,280,000	-	-	-
10% State Program Assistance									
PWSS Supervision	2,835,000	-	0	2,835,000	780,000	3,615,000	-	-	-
Source Water Protection Capacity Development					2,085,000	2,085,000	-	-	-
Operator Certification									
2% Small System Technical Assistance	567,000	-	0	567,000	573,000	1,140,000	-	-	-
15% Local Assistance ¹									
Land Acquisition									
Capacity Development	2,835,000	-	0	2,835,000	2,865,000	5,700,000	NA	NA	NA
Wellhead Protection									
Source Water Petition Programs									
Source Water Protection									
Totals	7,371,000	0	0	7,371,000	7,449,000	14,820,000	-	-	-

¹ No more than 10% may be used for any one activity with a maximum of 15% for all activities combined.

² DWSRF Administration is calculated as 4% of the capitalization grant.

Appendix G

Amounts Available to Transfer Between State Revolving Fund Programs

Base						
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

Base						
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
2021	Transfer	81.3	0	1.5	106.8	55.7
2022	DW Grant	83.6			109.1	58.1
2022	Transfer	83.6	1.0	0	108.1	59.1
2023	DW Grant	85.2			109.7	60.7

All amounts are in millions of dollars

Supplemental						
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
2022	DW Grant	5.9			5.9	5.9
2023	DW Grant	12.9			12.9	12.9

Emerging Contaminants						
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
2022	DW Grant	2.5			2.5	2.5
2023	DW Grant	5.0			5.0	5.0

All amounts are in millions of dollars

Appendix H

Sources and Uses Tables

Base and Supplemental Funding

Cumulative Amounts as of June 30, 2022

SOURCES

Federal Capitalization Grants (Base)	248,880,100
Federal Capitalization Grants (Supplemental)	0
State Match	76,432,137
Transfers from CWSRF	54,590,972
Net Leveraged Bonds	193,941,728
Investment Earnings	53,012,911
Interest Payments	80,020,938
Principal Repayments	232,643,704
TOTAL SOURCES OF FUNDS	<u>939,522,490</u>

USES

Administration	9,603,814
2% SSTA	3,416,807
10% DW Program Set-Aside	3,612,078
15% Local Asst. Set-Aside	435,268
Transfers to CWSRF	30,061,000
Bond Principal Repayments	92,844,507
Bond Interest Expense	83,998,521
Arbitrage	785,241
Reserves	2,650,545
Closed Agreements	733,429,507
Loans Approved But Not Closed	2,524,000
TOTAL USES OF FUNDS	<u>963,361,288</u>

DWSRF Funds Available for Projects in 2023

-\$23,838,798

Base and Supplemental Funding

Cumulative Amounts as of June 30, 2022

ANNUAL SOURCES FOR 2023

FY22 Base Capitalization Grant (<i>awarded August 1, 2022</i>)	7,008,000
FY22 Supplemental Capitalization Grant (<i>awarded December 21, 2022</i>)	17,992,000
FY23 Base Capitalization Grant	4,938,000
FY23 Supplemental Capitalization Grant	21,055,000
Set-asides taken from FY22 Capitalization Grant	-
Set-asides taken from FY23 Capitalization Grant	-
State Match (if applicable)	-
Leveraged Bonds (if applicable)	-
Transfers with CW +/- (if applicable)	(5,000,000)
 Total New 2023 Funds	 <u>\$45,993,000</u>
 TOTAL DWSRF FUNDS AVAILABLE FOR 2023	 <u><u>\$22,154,202</u></u>
 TOTAL DWSRF PROJECTS ON FUNDABLE LIST	 <u><u>\$22,154,202</u></u>
 AVAILABLE FUNDS	 <u><u>\$0</u></u>

Emerging Contaminants Funding

Cumulative Amounts as of June 30, 2022

ANNUAL SOURCES FOR 2023	
FY22 Emerging Contaminants Capitalization Grant (<i>awarded December 21, 2022</i>)	7,555,000
FY23 Emerging Contaminants Capitalization Grant	7,640,000
Set-asides taken from FY22 Capitalization Grant	-
Set-asides taken from FY23 Capitalization Grant	-
Transfers with CW +/- (if applicable)	-
Total New 2023 Funds	<u>\$15,195,000</u>
TOTAL DWSRF FUNDS AVAILABLE FOR 2023	<u><u>\$15,195,000</u></u>
TOTAL DWSRF PROJECTS ON FUNDABLE LIST	<u><u>\$15,195,000</u></u>
AVAILABLE FUNDS	<u><u>\$0</u></u>

Lead Funding

Cumulative Amounts as of June 30, 2022

ANNUAL SOURCES FOR 2023	
FY22 Lead Capitalization Grant (<i>awarded December 21, 2022</i>)	28,350,000
FY23 Lead Capitalization Grant	28,650,000
Set-asides taken from FY22 Capitalization Grant	(7,371,000)
Set-asides taken from FY23 Capitalization Grant	(7,449,000)
Total New 2023 Funds	<u>\$42,180,000</u>
TOTAL DWSRF FUNDS AVAILABLE FOR 2023	<u><u>\$42,180,000</u></u>
TOTAL DWSRF PROJECTS ON FUNDABLE LIST	<u><u>\$42,180,000</u></u>
AVAILABLE FUNDS	<u><u>\$0</u></u>

Appendix I

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