



## **Drinking Water Revolving Fund 2018 Intended Use Plan**

### **I. Introduction**

The federal Safe Drinking Water Act Amendments of 1996 established the Drinking Water State Revolving Fund program to provide funds to states to finance drinking water projects and activities to protect public health and achieve or maintain compliance with the Safe Drinking Water Act. The Act authorizes the U.S. Environmental Protection Agency to award annual capitalization grants to each state to capitalize a state revolving fund, which the state can use to provide loans and other assistance to public water systems. Each state must provide a state match of at least 20% to receive the federal funds. As part of its capitalization grant application, each state must annually prepare an Intended Use Plan (IUP), which describes the intended uses of available funds.

The Minnesota Legislature established the Drinking Water Revolving Fund (DWRf) under Minnesota Statutes Section 446A.081 to receive federal capitalization grants and state matching funds. The Minnesota Public Facilities Authority (PFA) is responsible for managing the Fund and its assets. The PFA is authorized to prepare the annual IUP based on the Project Priority List prepared by the Minnesota Department of Health (MDH). The PFA is also responsible for financial administration of the DWRf program, through which the PFA purchases the general obligation bonds of local governments to finance eligible projects (transactions which are commonly referred to as loans). The PFA's responsibilities include reviewing financing applications, setting the financing rates, terms and conditions, and selling revenue bonds to leverage additional funds. In addition to preparing the Project Priority List, the MDH is responsible for reviewing projects to ensure they meet technical and environmental requirements and administering various set-aside activities authorized under the Act.

The 2018 IUP identifies projects and activities the PFA intends to fund from the DWRf in state fiscal year (FY) 2018 (July 1, 2017 to June 30, 2018). To fund these projects and activities, the PFA will use a combination of funds from the 2017 federal capitalization grant, loan repayments and PFA revenue bond proceeds.

## II. Project Funding

### A. Project Priority List

The Project Priority List (PPL) prepared by the MDH identifies drinking water projects potentially eligible to receive a DWRf loan over the next five years. Projects are listed in priority order based on a point system established by the MDH in Minnesota Rules parts 4720.9010 to 4720.9040. The 2018 PPL contains 368 projects with a total estimated cost of \$606 million and is attached as an appendix to this IUP.

### B. Placement on the IUP

The Intended Use Plan (IUP) identifies projects on the PPL that are eligible to apply for and receive DWRf loans in FY 2018. The IUP is prepared by the PFA in accordance with Minnesota Statutes Section 446A.081, Subdivision 5 and Minnesota Rules Part 7380.0255. For a project to be placed on the IUP, the PFA must receive a written request signed by an official of the municipality (city, township, county, or water district) or other public water system entity that will be the borrower for the loan. The request must include a schedule indicating that the applicant expects the project to receive all necessary approvals and proceed to the point of receiving a DWRf loan within approximately one year from the approval of the 2018 IUP.

Eligibility for placement on the IUP does not guarantee a project will receive a DWRf loan. Minnesota has significant drinking water infrastructure needs and the PFA must balance loan demand and lending capacity by setting a fundable range for projects on the current IUP in order to also preserve lending capacity for future needs. A municipality with a project in the IUP fundable range must complete the loan application process with the PFA and receive project certification from the MDH under the provisions of Minnesota Rules Part 4720.9060 before a DWRf loan can be approved.

An approved IUP remains effective until the following year's IUP is approved. A project listed in the IUP fundable range that does not receive a loan but submits a loan application to the PFA and is certified by the MDH by June 30, 2018 will be carried over in the fundable range on the next IUP.

### C. Draft IUP and Public Comment

In January 2017, a notice was sent to all public water systems in the State with information about the DWRf program, including instructions on how to request placement on the PPL and IUP. Based on the requests received, a draft 2018 IUP was presented to the PFA Board on August 29, 2017. The PFA Board approved the fundable range for the 2018 IUP (see paragraph D below) and authorized the draft IUP to be made available for public comment. On August 31, 2018, the draft 2018 IUP and public notice was posted on the PFA website and sent to other interested parties that public comments on the draft 2018 IUP will be accepted through September 22, 2017.

The PFA received 7 comments from local governments requesting that projects be added, information be updated or corrected on the 2018 IUP. A comment was also submitted by the U. S. Environmental Protection Agency requesting that the PFA more clearly identify short term goals of the DWRF which has been done in Section VI. Finally, MDH informed the PFA that, based PPL on comments received by MDH, it determined it was appropriate to make a change to how MDH incorporated new median household income data into its PPL point calculations, resulting in the restoration of median household income PPL points for some below average income communities for a one-year period. The revised MDH PPL is attached and the PFA has made corresponding changes to the IUP project list. A table summarizing the comments received and action taken is shown below.

Changes To 2018 IUP Based On Comments Received						
Project Name	PPL Rank	PPL Points	Project Description	Requested Amount (\$)		Comment / Action Taken
<b>PART B: 2018 IUP - Projects In Fundable Range</b>						
Carlton	12	15	Treatment - Replace Plant, New Well	2,500,000		PPL pts increased by MDH / Added to IUP
Minnesota Lake	14	13	Watermain - Connect to Wells	-		PPL pts increased by MDH / IUP Table 1 adjusted
Kandiyohi	40	12	Treatment - New Fe/Mn Plant & Wells	-		PPL pts increased by MDH / IUP Table 1 adjusted
Kandiyohi	41	12	Watermain - Looping	-		PPL pts increased by MDH / IUP Table 1 adjusted
Wheaton	42	12	Treatment - Plant Rehab	-		PPL pts increased by MDH / IUP Table 1 adjusted
Mountain Iron	45	12	Source - New Well	-		PPL pts increased by MDH / IUP Table 1 adjusted
Vernon Center	55	12	Treatment - New Plant	-		PPL pts increased by MDH / IUP Table 1 adjusted
Kandiyohi	59	11	Storage - Repl Tower w/75,000 Gal Tower	638,000		PPL pts increased by MDH / Added to IUP
Canby	149	10	Treatment - Plant Upgrade, New Well	972,000		PPL pts increased by MDH; IUP request rcd during comment / Added project
Winnebago	180	10	Watermain - Repl Cast Iron Mains	2,087,000		PPL pts increased by MDH / Added to IUP
Glenwood	182	10	Watermain - Replace Various Areas	1,026,134		PPL pts increased by MDH / Added to IUP
Wheaton	186	10	Storage - Recoat Tower, Add Safety Items	500,000		PPL pts increased by MDH / Added to IUP
Wheaton	187	10	Conservation - Replace Meters	420,000		PPL pts increased by MDH / Added to IUP
Waseca	188	10	Watermain - Replace Elm Ave	2,650,500		PPL pts increased by MDH / Added to IUP
Red Lake Falls	193	10	Watermain - Repl Various Areas	3,075,000		PPL pts increased by MDH / Added to IUP
Browerville	194	10	Watermain - TH 71 Replacement/Gillis Ave	759,600		PPL pts increased by MDH during comment period; clarified IUP request / Added project
Nashwauk	195	10	Watermain - TH 65 Replacement	1,300,000		PPL pts increased by MDH / Added to IUP
Alden	202	10	Conservation - Replace Meters	105,000		PPL pts increased by MDH / Added to IUP
Greenbush	208	10	Watermain - Repl Area 2 - 5th Street	424,033		PPL pts increased by MDH / Added to IUP
Perham	213	10	Watermain - Replace 2nd Ave SW	3,030,000		PPL pts increased by MDH / Added to IUP
Pemberton	217	10	Source - New Well, Seal Emergency Well	220,500		IUP request clarified during comment period / Added project to IUP
Winsted	219	10	Storage - Tower Rehab	800,000		PPL pts increased by MDH / Added to IUP
Easton	220	10	Conservation - Replace Meters	45,100		PPL pts increased by MDH / Added to IUP
Courtland	232	10	Storage - Replace w/100,000 Gal Tower	1,085,000		PPL pts increased by MDH during comment period; clarified IUP request / Added project
Cloquet	251	7	Treatment - New Mn Plant at Well 8	5,583,714		IUP request received during comment period / Added project
Total projects added to Part B				27,221,581		
<b>Project Requests Not Eligible For IUP At This Time</b>						
Gary	49	12	Source - Two New Wells	321,414		PPL pts increased by MDH; IUP request rcd during comment period / Referred to RD
Gary	50	12	Treatment - Remove Fe/Mn	981,045		PPL pts increased by MDH; IUP request rcd during comment period / Referred to RD
Gary	51	12	Watermain - Looping	162,460		PPL pts increased by MDH; IUP request rcd during comment period / Referred to RD
Gary	61	11	Storage - New 50,000 Gal Tower	919,757		PPL pts increased by MDH; IUP request rcd during comment period / Referred to RD
Northrop	184	10	Storage - Tower Rehab	285,000		PPL pts increased by MDH during comment period / Referred to RD
Badger	189	10	Watermain - Repl Area 1	836,000		PPL pts increased by MDH during comment period / Referred to RD
Badger	190	10	Watermain - Repl Area 2	667,000		PPL pts increased by MDH during comment period / Referred to RD
Badger	191	10	Storage - Rehab Tower	296,000		PPL pts increased by MDH during comment period / Referred to RD
Morgan	192	10	Storage - Tower Rehab	407,000		PPL pts increased by MDH during comment period / Referred to RD
LeRoy	209	10	Storage - Repl with 120,000 Gallon Tower	811,589		PPL pts increased by MDH during comment period / Referred to RD
LeRoy	210	10	Treatment - Rehab Filter	373,001		PPL pts increased by MDH during comment period / Referred to RD
Hitterdal	221	10	Storage - New 50,000 Gallon Tower	625,000		PPL pts increased by MDH during comment period / Referred to RD
Hitterdal	222	10	Conservation - Install Meters	75,000		PPL pts increased by MDH during comment period / Referred to RD
Murdock	235	8	Source - Two Replacement Wells	186,600		Clarified IUP request during comment period; MDH assigned pts for well sealing / Referred to RD
Murdock	245	7	Treatment - New Fe/Mn Treatment Plant	1,690,000		Clarified IUP request during comment period; MDH assigned pts for chlorination / Referred to RD
Murdock	246	7	Watermain - Replace & Loop	376,181		Clarified IUP request during comment period / Referred to RD
Murdock	282	6	Storage - New 50,000 Gallon Tower	715,000		Clarified IUP request during comment period / Referred to RD (below fundable)
				9,728,047		

#### *D. IUP Project List*

The 2018 IUP project list is shown as Table 1 on pages 11-15 and is divided into two parts.

Table 1, Part A lists 16 carryover projects totaling \$34.4 million in requested financing, including \$17.3 million in reserved principal forgiveness or WIF grants as explained below. The Part A projects were listed as carryover projects in fundable range on the 2017 IUP because they submitted loan applications to the PFA and were certified for funding by the MDH by June 30, 2016. These projects are eligible to receive DWRP loans in FY 2018 and the PFA will award funding when each project completes the application and bidding process.

In addition to the carryover projects, the PFA received a total of 134 new project requests totaling \$252 million. The DWRP has limited funding capacity to meet these needs and the PFA is not able to offer funding to all new project requests. Therefore, the PFA, in consultation with the MDH, has set the 2018 IUP fundable range for new projects at 7 points. Projects with 7 points or more on the 2018 PPL are listed in the fundable range and will be allowed to apply for loans. Decisions about the IUP fundable range are re-evaluated each year. If the fundable range cutoff point is raised next year, only projects qualifying as carryover projects are assured of being listed again as fundable projects.

Table 1, Part B lists 79 new 2018 IUP project requests totaling \$188 million in requested financing. Table 1 also lists other projects that submitted IUP requests but will not be placed on the 2018 IUP in fundable range at this time. Twenty-five projects totaling \$35 million are ranked below the fundable range of 7 points. Although these projects requested placement and are eligible, the DWRP does not have sufficient capacity to offer loans to projects below the funding cutoff in FY 2018. Thirty other projects from small cities that submitted IUP requests are being referred to USDA Rural Development (RD) for possible loan and grant funding through their program.

#### *E. Possible IUP Amendment*

The PFA may consider amending the 2018 IUP during the fiscal year if additional projects on the 2018 PPL meet the requirements and the PFA determines that the DWRP has sufficient funding capacity to offer additional loans in FY 2018. To be considered for an IUP amendment, a project must: 1) be ranked with at least 7 points on the PPL; 2) have secured any other necessary funding; and 3) show that it will be ready to proceed with construction before the 2019 IUP is expected to be approved. Applicants that would like their projects to be considered for an IUP amendment are advised to keep their PFA loan officer informed of the status of their project.

#### *F. Loan Application Requirements and Deadlines*

All carryover projects in Part A have met the loan application submittal deadlines and have submitted plans and specifications to the MDH. In accordance with Minnesota rules 7380.0260, subpart 1, new Part B projects will have six months from approval of the IUP to submit a loan

application to the PFA and plans and specifications to the MDH. Based on the IUP approval date of September 29, 2017, the six month deadline is March 29, 2018.

*G. Loan Terms and Conditions*

Terms and conditions for DWRf loans are determined pursuant to Minnesota Statutes Section 446A.081 and Minnesota Rules Part 7380.0265. Construction loans are not awarded until as-bid construction costs are submitted to the PFA. Interest rates are set at the time a loan is made according to Minnesota Rules Part 7380.0272. Interest rates are based on the greater of the current bond market rates for tax-exempt municipal bonds as determined by a daily index, or the bond yield scale of the PFA's bonds, if PFA bond proceeds are available.

For loan awards made after the 2018 IUP is approved, the PFA has set a base discount of 1.5% that will be applied to the appropriate bond yield scale for loans up to \$20 million. The base discount for loans over \$20 million will be reduced by 1.75 basis points (.0175%) for each \$1 million over \$20 million. Additional discounts up to 2.5% may be applied to borrowers under 2,500 population as described in Minnesota Rules Part 7380.0272, Subpart 3B. The minimum interest rate under PFA rules is 1 percent.

*H. Federal Principal Forgiveness and State Water Infrastructure Funds (WIF)*

The PFA received the 2017 federal drinking water capitalization grant in August 2017. The 2017 federal grant is \$14,747,000 and requires that up to 20% (\$2,949,400) be used for additional subsidization of projects beyond the below market interest rates on loans as described above. The PFA provides additional subsidization for affordability needs to eligible projects in the form of principal forgiveness grants, meaning a specific dollar reduction in the amount of loan principal that must be repaid, which is granted at the time a DWRf financing agreement is awarded. Minnesota Statutes, Section 446A.081, Subdivision 9 authorizes the PFA to provide principal forgiveness as permitted under federal law.

Minnesota also has a state grant program (Water Infrastructure Fund – WIF) to address affordability needs, which was amended in 2017 to include high cost drinking water projects. The affordability criteria for federal principal forgiveness follows the WIF program criteria under Minnesota Statutes, Section 446A.072. Principal forgiveness and/or WIF funds may be granted to a DWRf project if the average annual residential drinking water system cost would otherwise exceed 1.2 percent of the median household income (MHI) of the project service area. The amount of principal forgiveness is limited to 80 percent of the system costs over 1.2% of MHI, to a maximum of \$5,000,000 or \$20,000 per connection. The PFA reserves WIF and principal forgiveness funds for eligible DWRf projects when they are certified by the MDH. Funds are reserved in an amount based on the cost estimate when the project is certified or the as-bid cost, whichever is less.

Table 1, Part A shows the amounts of principal forgiveness or WIF funds that have been reserved for eligible carryover projects. The PFA will use the \$2.9 million available from the 2017 federal grant, remaining principal forgiveness funds from prior federal grants, and recently appropriated state WIF funds to address affordability needs for eligible carryover projects. The source of funding for each project (federal principal forgiveness or state WIF funds) will be determined at the time of award.

For new projects listed in Table 1, Part B, eligibility for principal forgiveness or WIF funds will be determined during the DWRF application review. However, PFA does not expect that principal forgiveness or WIF funds will be available for Part B projects without future federal and state appropriations.

### III. Summary of FY 2017 Project Activity

A total of 21 municipal drinking water projects on the 2017 PPL totaling \$42.5 million were funded in FY 2017 through the coordinated efforts of the PFA and other funding partners.

Drinking Water Projects Funded In FY 2017

Project Name	PPL Points	Project Description	Project Cost (\$)	DWSRF Loan (\$)	DWSRF PF (\$)	Other Funding (\$)	Other Source
Blackduck	10	Watermain - Repl Summit Ave & Mair	746,463	468,834	277,629	-	
Burnsville	10	Conservation - Replace Meters	7,388,970	7,388,970	-	-	
Cologne	7	Treatment - New Plant, Remove Fe/M	7,378,500	7,378,500	-	-	
Cologne	7	Source - New Well	337,123	337,123	-	-	
Comfrey	13	Storage - Tower Rehab/Seal Well	241,701	241,701	-	-	
Comfrey	12	Treatment - Repl Media + Improve	620,149	620,149	-	-	
Eveleth	10	Storage - Recondition West Water To	490,229	290,229	-	200,000	IRRRB
Lowry	30	Treatment - New Plant - Remove As	1,802,799	1,239,039	563,760	-	
Madison Lake	7	Watermain - Repl 4th & 5th, Loop 227	831,417	831,417	-	-	
Nicollet	15	Source - Replace Well No. 1	127,885	127,885	-	-	
Nicollet	12	Treatment - Replace Fe/Mn Plant	1,865,565	1,865,565	-	-	
Osakis	10	Watermain - Repl 7 Blocks Downtowr	522,083	\$ 522,083	-	-	
Pipestone	10	Watermain - Replace TH30	574,493	574,493	-	-	
Saint Cloud	11	Storage - New 1.0MG South Elevated T	4,643,022	\$ 4,643,022	-	-	
Saint Paul RWS	10	Other - Repl McCarrons Elec. Equipme	7,564,417	7,564,417	-	-	
Sherburn	10	Treatment - Replace Fe/Mn Plant	3,599,140	3,599,140	-	-	
Sherburn	10	Storage - Tower Rehab	422,133	422,133	-	-	
Stockton	25	Source - New Low Radium Well	785,013	785,013	-	-	
Walker	10	Watermain - Repl for Michigan Ave	574,031	574,031	-	-	
Walker	10	Watermain - Replace on South Side	1,339,405	1,339,405	-	-	
Warren	10	Watermain - Northwest Area Repl	743,477	743,477	-	-	
	21	Projects	42,598,015	41,556,626	841,389	200,000	

DWSRF = Drinking Water Revolving Fund loan (PFA)  
 DWSRF PF = Drinking Water Revolving Fund Principal Forgiveness (PFA)  
 IRRRB = Iron Range Resources Rehabilitation Board

### IV. Financial Status of the DWRF

Table 2 (page 16) shows the sources and uses of funds in the DWRF for FY 2017, the total amounts from FY 1998 through FY 2017, and the estimated amounts for FY 2018.

The PFA has developed a financial model to estimate the average annual lending capacity of the DWRF based on the current assets in the Fund. The PFA currently estimates the average DWRF lending capacity to be approximately \$40 million per year in perpetuity, assuming no new state

or federal funds are received. In many years, the PFA has used its reserves and bonding authority to make loans at higher levels based on strong demand.

Demand for DWRP financing has grown in recent years, and total requests for the 2018 IUP exceed \$260 million, almost seven times the sustainable long-term lending capacity of the Fund. To maintain balance between current demand and future lending capacity, the PFA in consultation with the MDH, each year determines a fundable range for new projects on the IUP based on PPL priority points. For new projects on the 2018 IUP, the fundable range cutoff has been set at 7 points.

In approving the 2018 IUP, the PFA commits to providing DWRP loans to all carryover projects and new projects in fundable range that are able to proceed within the fiscal year. The 2018 IUP includes total loan requests of \$205 million. While this amount significantly exceeds the sustainable capacity of the DWRP, the PFA will use its reserves and bonding authority as needed to fund the eligible projects. Based on past experience the PFA estimates actual project loans for projects that receive the necessary approvals and proceed with construction and loan closing in FY 2018 will be significantly less than the total, approximately \$111 million. While this estimated amount is still higher than the sustainable lending capacity of the Fund, it is within a reasonable level that the Fund can support. In the long term however, without continued federal and state support for the program, funding projects beyond the Fund's average lending capacity will decrease future lending capacity.

## **V. Set-Asides**

In addition to financing drinking water projects, the federal Safe Drinking Water Act permits states to set-aside a percentage of capitalization grant funds for program administration and certain non-project activities, up to a maximum of 31%. States that take less than the maximum allowed amounts may choose to "bank" some set-asides to potentially take later from future capitalization grants, thereby maximizing the federal funds used for project loans in the short-term while preserving the ability to take a higher level of set-asides from future grants for needed set-aside activities.

The MDH has requested that the PFA reserve 22% of the 2018 capitalization grant for set-aside activities, the same percentage as taken from the 2017 capitalization grant. The table below summarizes the set-asides taken from the 2017 capitalization grants and shows the set-aside percentages to be reserved from the 2018 federal grant. The PFA intends to continue to fund program administration costs from DWRP fee revenues.

Congress has not yet appropriated funds for 2018 capitalization grants. The percentages noted below identify what will be taken from the 2018 capitalization grant when available.

**DWRF Set-Asides**

Set-Aside	Total Set-Asides		Planned Set-Aside Percentage From 2018 Cap Grant
	taken from Federal Capitalization Grants, 1997-2016	Set-Asides Taken From 2017 Cap Grant* (\$14,747,000)	
DWRF Program Administration	\$ 10,927,200	\$ -	0%
Public Water Supply Supervision (PW Capacity Development	\$ 16,006,384	\$ 3,474,700	10%
Operator Certification	\$ 3,152	\$ -	0%
Technical Assistance	\$ 460,417	\$ -	0%
Source Water Protection	\$ 5,000,199	\$ 294,940	2%
Wellhead Protection	\$ 2,104,290	\$ -	0%
	\$ 24,815,067	\$ 1,474,700	10%
	\$ 59,316,710	\$ 5,244,340	22%

\* PWSS set-aside from 2017 capitalization grant includes \$2 million in previously banked funds

**VI. Drinking Water Revolving Fund Goals**

The primary objective of the DWRF is to provide loans to public water suppliers. The descending order of loan priority is to: 1) resolve infrastructure problems that pose the most serious risk to public health, 2) bring systems into compliance with drinking water requirements, 3) assist systems in most financial need, and 4) maintain systems in a sound condition and in compliance with public water supply standards. An important program priority is also to provide suppliers with proactive assistance and support so they can operate their systems more effectively and appropriately. This assistance is accomplished through the set-aside activities of operator certification, technical assistance to small systems, capacity development, and wellhead protection.

*A. Short Term Goals*

1. Actively coordinate PFA funding, including state Water Infrastructure Funds (WIF) grants, with other state and federal agency programs to maximize the number of projects funded on the Project Priority List.
2. Encourage DWRF recipients to develop asset management plans and activities.

*B. Program Goals:*

1. Provide financial and other assistance (including the set-aside activities) to public water supply systems in order to protect the public health and achieve and maintain compliance with the Safe Drinking Water Act, while following sound lending practices.
2. Leverage the capitalization grants as appropriate in order to finance as many projects as possible while maintaining sufficient cash flows to meet future project financing needs.
3. Manage the assets of the Fund in perpetuity so that it is a permanent resource to assist public water systems in the State.



*C. Set-Aside Goals:*

1. Public Water System Program Administration. Maintain an up-to-date, statewide public water system program that consists of providing technical expertise, establishing standards, monitoring, education, enforcement, and public information.

2. Technical Assistance to Small Systems. Provide personal, non-regulatory technical assistance to water supply operators so they can effectively manage the complexities of the systems they operate, and for operators whose systems utilize groundwater, to also identify and manage potential sources of contamination.

3. Wellhead Protection. To implement Minnesota's EPA approved wellhead protection program in order to effectively manage potential contaminant sources in the areas that contribute water to wells.

## **VII. Cross-Collateralization**

As permitted by Congress in legislation approved in 1997, the PFA has cross-collateralized the bonds sold for the DWRf and the Clean Water Revolving Fund. The purpose is to enhance the security of bonds sold for both programs, thereby improving the credit rating and reducing the interest rate on the bonds. This allows the PFA to pass on the best possible interest rates to its borrowers. The revenues from loan repayments in each program are pledged first to the bonds for that program. After the revenues in each program have been used to make the PFA's bond debt service payments and meet all other payment and coverage requirements under the bond resolutions, funds in excess of these requirements may be used to cover a default in the other program.

Given the coverage requirements the PFA must meet for its bonds, the general obligation pledges provided by the borrowers, and the financial management practices of the PFA (as reflected by the AAA rating of its bonds), it is very unlikely that a default would occur. The cross-collateralization of the two programs will, however, provide even more assurance to the bondholders and enhance the financial strength of the programs.

## **VII. Tables and Appendix**

Table 1: 2018 Intended Use Plan Project List (pages 11-15)

Table 2: Sources and Uses of Funds (page 16)

Appendix: Minnesota Department of Health 2018 Project Priority List

## **IX. Websites for Further Information**

Minnesota Public Facilities Authority:

[www.mn.gov/pfa](http://www.mn.gov/pfa)

Minnesota Department of Health:

[www.health.state.mn.us/divs/eh/water/dwrf/index.html](http://www.health.state.mn.us/divs/eh/water/dwrf/index.html)

**X. Questions and Comments**

Questions or comments regarding the 2018 IUP should be directed to:

Becky Sabie, Program Coordinator  
Minnesota Public Facilities Authority  
1<sup>st</sup> National Bank Building, Suite W820  
332 Minnesota Street  
Saint Paul, Minnesota 55101-1378  
e-mail: [Rebecca.sabie@state.mn.us](mailto:Rebecca.sabie@state.mn.us)

DWRF 2018 Intended Use Plan  
Table 1. Project List

APPROVED 09/29/2017

System Name	MDH 2018 PPL Rank	MDH 2018 PPL Points	Project Description	Project Number	Population	Est. Const Start	Estimated Project Cost (\$)	Estimated DWRF Loan (\$)	WIF or Principal Forg Grant Reserved or Committed (1) (\$)	Other Funds Reserved or Committed (2) (\$)	Status
<b>PART A: Carryover Projects From 2017 IUP</b>											
Randall	1	40	Treatment - Remove Nitrate	1490005-1	650	Sep-17	1,376,270	776,658	599,612	-	2017 carryover
Morris	37	12	Treatment - New Softening Plant	1750005-2	5,205	May-18	18,381,820	6,381,820	5,000,000	7,000,000	2017 carryover
Breckenridge	38	12	Treatment - Lime Softening Plant	1840002-1	3,559	Aug-17	8,983,588	3,983,588	5,000,000	-	2017 carryover
Stewart	39	12	Watermain - Looping	1430009-6	564	May-18	306,065	61,213	244,852	-	2017 carryover
Heron Lake	130	10	Other - Connect to Red Rock Rural Water	1320002-2	698	Apr-16	1,715,307	450,692	1,264,615	-	2017 carryover
Elbow Lake	153	10	Watermain - Replace for Division St.	1260003-2	1,275	Jun-18	690,000	158,000	532,000	-	2017 carryover
Frazee	172	10	Watermain - Replace Cast Iron Mains	1030014-1	1,374	Jul-17	814,146	272,778	541,368	-	2017 carryover
New London	179	10	Watermain - Repl Various Blocks	1340005-2	1,251	Jun-16	617,000	145,000	472,000	-	2017 carryover
Stewart	183	10	Watermain - Replacement	1430009-5	564	May-18	1,105,674	221,135	884,539	-	2017 carryover
Saint James	185	10	Watermain - Repl TH 4	1830006-6	4,611	May-16	3,164,743	3,164,743	-	-	2017 carryover
Greenbush	206	10	Watermain - Repl Along Hwy 7	1680002-5	719	Jun-16	601,957	129,234	472,723	-	2017 carryover
Greenbush	207	10	Watermain - Relocation Along Hwy 32	1680002-6	719	Jun-17	155,000	31,000	124,000	-	2017 carryover
Lowry	218	10	Storage - New 50,000 Gallon Tower	1610007-4	257	May-16	675,583	675,583	-	-	2017 carryover
Bird Island	241	7	Watermain - SE Loop to Plant	1650001-3	1,042	May-18	547,000	191,800	355,200	-	2017 carryover
Rice Lake	271	7	Watermain - East Calvary Road Loop	1690049-1	650	Nov-16	2,991,379	430,949	1,392,430	1,168,000	2017 carryover
Glyndon	276	7	Watermain - Looping Two Areas	1140005-5	1,393	Apr-18	535,000	107,000	428,000	-	2017 carryover
<b>PART B: New Projects in Fundable Range</b>											
Verndale	2	35	Treatment - Remove Nitrate	1800003-9	559	Nov-17	1,800,000	1,800,000	-	-	2018 Part B
Winger	3	30	Treatment - Remove Fe/As and Wells	1600013-2	220	Jun-18	1,734,004	1,734,004	-	-	2018 Part B
Pipestone	4	30	Treatment - New Plant - Gross Alpha/Rad	1590005-3	4,317	Jul-17	15,391,000	8,391,000	-	7,000,000	2018 Part B
Houston	5	30	Treatment - Radium Removal	1280005-2	980	Oct-17	2,600,000	2,000,000	-	600,000	2018 Part B
Tower	6	25	Treatment - Plant Improvements	1690051-2	500	May-18	2,460,000	2,460,000	-	-	2018 Part B
Albert Lea	10	15	Watermain - Consolidate Stables Area	1240001-1	18,356	May-18	1,354,000	1,354,000	-	-	2018 Part B
Carlton	12	15	Treatment - Replace Plant, New Well	1090003-7	987	Jun-18	2,500,000	2,500,000	-	-	2018 Part B
Alden	13	15	Treatment - Repl Fe/Mn Plant & Well	1240004-2	661	May-18	1,935,000	1,935,000	-	-	2018 Part B
Minnesota Lake	14	13	Watermain - Connect to Wells	1220013-1	683	May-18	1,560,000	1,560,000	-	-	2018 Part B
Easton	16	13	Watermain - Connect to Wells	1220005-5	199	May-18	1,690,000	1,690,000	-	-	2018 Part B
Montrose	17	13	Source - New Well & Wellhouse	1860016-4	2,498	May-18	956,250	956,250	-	-	2018 Part B
Twin Lakes Township	18	12.5	Watermain - Extension to Arsenic Wells	1090018-1	25	Jun-18	7,500,000	7,500,000	-	-	2018 Part B
Twin Valley	27	12	Treatment - Plant Rehab	1540008-2	900	Jun-18	690,000	690,000	-	-	2018 Part B
Fertile	28	12	Watermain - Repl & Loop Various Areas	1600008-4	859	May-19	2,880,000	2,880,000	-	-	2018 Part B
Wells	32	12	Treatment - Lime Softening Plant	1220010-2	2,307	Jun-18	12,000,000	12,000,000	-	-	2018 Part B
Pelican Rapids	33	12	Watermain - Replace & Loop - Phase 2	1560019-4	2,374	Jun-18	1,904,263	1,904,263	-	-	2018 Part B
Kandiyohi	40	12	Treatment - New Fe/Mn Plant & Wells	1340003-3	491	Jun-18	2,084,000	2,084,000	-	-	2018 Part B

DWRF 2018 Intended Use Plan  
Table 1. Project List

APPROVED 09/29/2017

System Name	MDH 2018 PPL Rank	MDH 2018 PPL Points	Project Description	Project Number	Population	Est. Const Start	Estimated Project Cost (\$)	Estimated DWRF Loan (\$)	WIF or Principal Forg Grant Reserved or Committed (1) (\$)	Other Funds Reserved or Committed (2) (\$)	Status
Kandiyohi	41	12	Watermain - Looping	1340003-5	491	Jun-18	201,600	201,600	-	-	2018 Part B
Wheaton	42	12	Treatment - Plant Rehab	1780004-3	1,424	Nov-17	1,400,000	1,400,000	-	-	2018 Part B
Mountain Iron	45	12	Source - New Well	1690035-3	2,869	Jun-18	603,800	378,800	-	225,000	2018 Part B
Greenbush	47	12	Watermain - Repl Area 3 - Old Ridge Rd.	1680002-9	719	Jun-18	456,306	456,306	-	-	2018 Part B
Randolph	53	12	Source New Well, Rehab Wellhouse	1190025-1	355	May-18	888,000	888,000	-	-	2018 Part B
Courtland	54	12	Treatment - Rehab Plant & New Well #5	1520001-4	611	May-18	1,660,000	1,660,000	-	-	2018 Part B
Vernon Center	55	12	Treatment - New Plant	1070019-1	332	May-18	1,950,000	1,950,000	-	-	2018 Part B
Evansville	58	11	Storage - Replace Storage Tank	1210013-9	612	Jun-18	900,000	900,000	-	-	2018 Part B
Kandiyohi	59	11	Storage - Repl Tower w/75,000 Gal Tower	1340003-4	491	Jun-18	638,000	638,000	-	-	2018 Part B
Pine River	65	10	Source - Replace Wellhouses 1 & 2	1110019-4	944	May-18	860,000	860,000	-	-	2018 Part B
Pine River	66	10	Storage - Rehab Towers 1 & 2	1110019-5	944	May-18	785,000	785,000	-	-	2018 Part B
Eden Valley	90	10	Watermain - Repl Various Areas	1470012-5	1,042	May-18	613,300	613,300	-	-	2018 Part B
Bagley	91	10	Watermain - Replace Cast Iron Main	1150001-2	1,235	Jun-18	474,428	474,428	-	-	2018 Part B
Moose Lake	108	10	Source - Well #1 Rehab, New Well House	1090009-3	1,259	May-18	1,100,000	1,100,000	-	-	2018 Part B
Mahnomen	119	10	Other - Backup Generators	1440002-10	1,222	Jun-18	220,500	220,500	-	-	2018 Part B
Mahnomen	120	10	Watermain - Replace Various Areas	1440002-8	1,222	Jun-18	5,715,130	5,715,130	-	-	2018 Part B
Mahnomen	121	10	Source - Upgrade Well #4	1440002-9	1,222	Jun-18	208,000	208,000	-	-	2018 Part B
Evansville	122	10	Conservation - Meter Upgrade	1210013-10	612	Jun-18	65,000	65,000	-	-	2018 Part B
Evansville	123	10	Treatment - Plant Rehab	1210013-8	612	Jun-18	1,476,773	1,476,773	-	-	2018 Part B
Winger	124	10	Storage - Replace 50,000 Gal Tower	1600013-3	220	Jun-18	858,000	858,000	-	-	2018 Part B
Welcome	126	10	Storage - Repl w/150,000 Gal Tower	1460011-2	673	Sep-18	1,157,700	1,157,700	-	-	2018 Part B
Eveleth	127	10	Watermain - Repl Garfield Street	1690018-7	3,770	May-18	237,794	237,794	-	-	2018 Part B
Eveleth	128	10	Storage - 750,000 Gal Tower Rehab	1690018-8	3,770	Jun-18	1,412,172	1,412,172	-	-	2018 Part B
Eagle Bend	132	10	Watermain - Phase 2 Replacement	1770004-4	613	Jun-18	865,000	865,000	-	-	2018 Part B
Eagle Bend	133	10	Watermain - Phase 3 Replacement	1770004-5	613	Jun-18	485,000	485,000	-	-	2018 Part B
Detroit Lakes	135	10	Watermain - Repl West Ave/Willow St	1030005-3	9,200	Jun-18	2,681,000	2,681,000	-	-	2018 Part B
Chisholm	142	10	Watermain - Repl for Lakeview Additions	1690007-2	4,960	Jul-17	1,477,086	1,477,086	-	-	2018 Part B
Osakis	146	10	Watermain - Replace Various Blocks	1210020-6	1,740	May-18	735,200	735,200	-	-	2018 Part B
Canby	147	10	Watermain - Replacement, Phase 2	1870001-4	1,903	May-18	2,399,389	2,399,389	-	-	2018 Part B
Canby	148	10	Watermain - Replacement, Phase 3	1870001-5	1,903	May-18	3,082,911	3,082,911	-	-	2018 Part B
Canby	149	10	Treatment - Plant Upgrade, New Well	1870001-6	1,769	May-18	972,000	972,000	-	-	2018 Part B
Elbow Lake	154	10	Treatment - Rehabilitate Plant	1260003-5	1,275	Jun-18	1,100,000	1,100,000	-	-	2018 Part B
Pipestone	155	10	Storage - Rehab Hosp. & Ind. Park Towers	1590005-5	4,317	Jun-18	1,524,000	1,524,000	-	-	2018 Part B
Houston	178	10	Watermain - Jackson, Lincoln, Spruce Sts	1280005-4	980	Jun-17	652,500	652,500	-	-	2018 Part B
Winnebago	180	10	Watermain - Repl Cast Iron Mains	1220011-2	1,437	May-18	2,087,000	2,087,000	-	-	2018 Part B

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Glenwood	182	10	Watermain - Replace Various Areas	1610003-11	2,594	May-18	1,026,134	1,026,134	-	-	2018 Part B
Wheaton	186	10	Storage - Recoat Tower, Add Safety Items	1780004-1	1,508	Sep-17	500,000	500,000	-	-	2018 Part B
Wheaton	187	10	Conservation - Replace Meters	1780004-4	1,424	Jun-18	420,000	420,000	-	-	2018 Part B
Waseca	188	10	Watermain - Replace Elm Ave	1810004-2	9,427	Jun-17	2,650,500	2,650,500	-	-	2018 Part B
Red Lake Falls	193	10	Watermain - Repl Various Areas	1630003-2	1,429	May-18	3,075,000	3,075,000	-	-	2018 Part B
Browerville	194	10	Watermain - TH 71 Replacement/Gillis Ave	1770002-4	735	May-18	759,600	759,600	-	-	2018 Part B
Nashwauk	195	10	Watermain - TH 65 Replacement	1310024-4	986	May-18	1,300,000	1,300,000	-	-	2018 Part B
Alden	202	10	Conservation - Replace Meters	1240004-4	661	May-18	105,000	105,000	-	-	2018 Part B
Minneapolis	204	10	Treatment - Fridley Plant Rehab	1270024-11	411,273	Aug-16	51,000,000	51,000,000	-	-	2018 Part B
Minneapolis	205	10	Treatment - Recarb Improvements	1270024-12	411,273	Nov-16	4,500,000	4,500,000	-	-	2018 Part B
Greenbush	208	10	Watermain - Repl Area 2 - 5th Street	1680002-8	719	Jun-18	424,033	424,033	-	-	2018 Part B
Foley	212	10	Source - New Well #6	1050001-3	2,708	May-18	180,000	180,000	-	-	2018 Part B
Perham	213	10	Watermain - Replace 2nd Ave SW	1560023-8	3,000	Jun-18	3,030,000	3,030,000	-	-	2018 Part B
Pemberton	217	10	Source - New Well, Seal Emergency Well	1070015-4	247	Apr-18	220,500	220,500	-	-	2018 Part B
Winsted	219	10	Storage - Tower Rehab	1430010-4	2,355	Apr-18	800,000	800,000	-	-	2018 Part B
Easton	220	10	Conservation - Replace Meters	1220005-6	199	Jun-17	45,100	45,100	-	-	2018 Part B
Montrose	224	10	Treatment - Remove Fe/Mn	1860016-5	2,498	May-18	7,000,000	7,000,000	-	-	2018 Part B
Montrose	225	10	Storage - Repl Tower w/100,000 Gal Tower	1860016-6	2,498	May-18	680,000	680,000	-	-	2018 Part B
Randolph	231	10	Storage - Tower Rehab	1190025-2	355	May-18	375,000	375,000	-	-	2018 Part B
Courtland	232	10	Storage - Replace w/100,000 Gal Tower	1520001-1	579	Mar-18	1,085,000	1,085,000	-	-	2018 Part B
Cold Spring	238	8	Source - Replace Wells 4, 5, & 6	1730006-3	4,053	May-19	525,000	525,000	-	-	2018 Part B
Elbow Lake	239	7	Watermain - Replace & Loop 2nd	1260003-7	1,200	Jun-18	500,000	500,000	-	-	2018 Part B
Cloquet	251	7	Treatment - New Mn Plant at Well 8	1090005-2	12,156	May-18	5,583,714	5,583,714	-	-	2018 Part B
Foley	262	7	Treatment - New Fe/Mn Plant	1050001-4	2,708	May-18	3,401,000	3,401,000	-	-	2018 Part B
Cold Spring	265	7	Treatment - Nitrate, Fe & Mn Removal	1730006-2	4,053	May-19	3,460,000	3,460,000	-	-	2018 Part B
Audubon	266	7	Watermain - Falcon Street Loop	1030001-6	519	May-18	98,000	98,000	-	-	2018 Part B
Waverly	275	7	Treatment - Wellhouse Rehab	1860019-6	997	May-18	340,000	340,000	-	-	2018 Part B
						<b>WIF or Principal Forg Grant Reserved or Committed (1) (\$)</b>					
						<b>Other Funds Reserved or Committed (2) (\$)</b>					
						<b>Number of Projects</b>					
						<b>Estimated Project Cost</b>					
						<b>Estimated DWRF Loan</b>					
						<b>Reserved or Committed (1)</b>					
						<b>Reserved or Committed (2)</b>					
<b>2018 IUP Summary</b>											
PART A: Carryover Projects From 2017 IUP						16	42,660,532	17,181,193	17,311,339	8,168,000	
PART B: New Projects in Fundable Range						79	196,064,687	188,239,687	-	7,825,000	
Total Parts A & B - IUP Requests in Fundable Range						95	238,725,219	205,420,880	17,311,339	15,993,000	

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System Name	MDH 2018 PPL Rank	MDH 2018 PPL Points	Project Description	Project Number	Population	Est. Const Start	Estimated Project Cost (\$)	Estimated DWRF Loan (\$)	WIF or Principal Forg Grant Reserved or Committed (1) (\$)	Other Funds Reserved or Committed (2) (\$)	Status
Project requests not eligible for IUP at this time						55	63,978,829	63,561,829	-	-	
Total IUP requests						150	302,704,048	268,982,709	17,311,339	15,993,000	
<i>Notes:</i>											
<i>(1) To the extent funds are available, WIF and Principal Forgiveness grant funds are reserved when an eligible project is certified by the Health Department. For new IUP projects, eligibility for WIF or Principal Forgiveness grant funds will be determined during review of the loan application.</i>											
<i>(2) Other funds include Point Source Implementation Grants which are reserved when an eligible project is certified by the Pollution Control Agency.</i>											
<b>Project requests not eligible for IUP at this time</b>											
Onamia	21	12	Treatment - New Plant	1480003-4	875	Jun-18	2,954,000	2,954,000	-	-	Referred to RD
Onamia	22	12	Watermain - Looping	1480003-5	875	Jun-18	396,966	396,966	-	-	Referred to RD
Morgan	43	12	Treatment - Remove Fe/Mn & New Wells	1640006-3	896	Apr-18	2,125,000	2,125,000	-	-	Referred to RD
Kerkhoven	44	12	Treatment - Remove Fe/Mn/As	1760006-1	759	May-18	1,950,000	1,950,000	-	-	Referred to RD
Gary	49	12	Source - Two New Wells	1540010-1	204	May-18	321,414	321,414	-	-	Referred to RD
Gary	50	12	Treatment - Remove Fe/Mn	1540010-2	204	May-18	981,045	981,045	-	-	Referred to RD
Gary	51	12	Watermain - Looping	1540010-4	204	May-18	162,460	162,460	-	-	Referred to RD
Gary	61	11	Storage - New 50,000 Gal Tower	1540010-3	204	May-18	919,757	919,757	-	-	Referred to RD
Onamia	78	10	Storage - Tower Rehab	1480003-6	875	Jun-18	315,000	315,000	-	-	Referred to RD
Sebeka	113	10	Watermain - Replace, Phase 2	1800002-8	676	Jun-18	975,000	975,000	-	-	Referred to RD
Rushmore	164	10	Watermain - Connection to LPRWS	1530009-4	342	May-18	1,375,900	1,375,900	-	-	Referred to RD
Rushmore	165	10	Storage - New 50,000 Gal Tower	1530009-5	342	May-18	677,000	677,000	-	-	Referred to RD
Northrop	184	10	Storage - Tower Rehab	1460006-2	227	Apr-18	285,000	285,000	-	-	Referred to RD
Badger	189	10	Watermain - Repl Area 1	1680001-4	369	Jun-18	836,000	836,000	-	-	Referred to RD
Badger	190	10	Watermain - Repl Area 2	1680001-5	369	Jun-18	667,000	667,000	-	-	Referred to RD
Badger	191	10	Storage - Rehab Tower	1680001-6	369	Jun-18	296,000	296,000	-	-	Referred to RD
Morgan	192	10	Storage - Tower Rehab	1640006-5	896	Apr-18	407,000	407,000	-	-	Referred to RD
LeRoy	209	10	Storage - Repl with 120,000 Gallon Tower	1500009-2	900	Mar-18	811,589	811,589	-	-	Referred to RD
LeRoy	210	10	Treatment - Rehab Filter	1500009-4	900	Mar-18	373,001	373,001	-	-	Referred to RD
Hitterdal	221	10	Storage - New 50,000 Gallon Tower	1140007-3	201	Jun-18	625,000	625,000	-	-	Referred to RD
Hitterdal	222	10	Conservation - Install Meters	1140007-4	201	Jun-18	75,000	75,000	-	-	Referred to RD
Murdock	235	8	Source - Two Replacement Wells	1760007-3	282	May-18	186,600	186,600	-	-	Referred to RD
Amboy	242	7	Watermain - Repl North St., Loop Radke St	1070001-1	534	May-18	988,600	988,600	-	-	Referred to RD
Murdock	245	7	Treatment - New Fe/Mn Treatment Plant	1760007-4	282	May-18	1,690,000	1,690,000	-	-	Referred to RD
Murdock	246	7	Watermain - Replace & Loop	1760007-6	282	May-18	376,181	376,181	-	-	Referred to RD

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Lamberton	248	7	Treatment - New Plant	1640003-10	828	Jun-18	4,382,400	4,382,400	-	-	Referred to RD
Lamberton	249	7	Watermain - Looping Project	1640003-13	828	Jun-18	171,600	171,600	-	-	Referred to RD
Lamberton	250	7	Source - New Well, Rehab Well 1	1640003-9	828	Jun-18	624,400	624,400	-	-	Referred to RD
Kerkhoven	258	7	Watermain - Loop & Replace	1760006-2	759	May-18	1,135,350	1,135,350	-	-	Referred to RD
LeRoy	261	7	Source - Backup Well	1500009-1	900	Mar-18	775,056	775,056	-	-	Referred to RD
Murdock	282	6	Storage - New 50,000 Gal Tower	1760007-5	282	May-18	715,000	715,000	-	-	Below fundable
Foley	284	6	Storage - New 200,000 Gal Tower	1050001-5	2,708	May-18	1,372,000	1,372,000	-	-	Below fundable
Ghent	285	6	Storage - New 50,000 Gal Tower	1420004-1	364	May-18	660,000	660,000	-	-	Below fundable
New London	286	5	Watermain - Repl Various Streets SW & NE	1340005-3	1,251	Jun-18	1,514,700	1,098,200	-	-	Below fundable
Saint Cloud	308	5	Conservation - Rem. Read Meter Upgrade	1730027-7	66,169	Apr-18	5,215,000	5,215,000	-	-	Below fundable
Lamberton	309	5	Storage - Ground Storage Rehab	1640003-11	828	Jun-18	184,800	184,800	-	-	Below fundable
Lamberton	310	5	Watermain - Replacement Project	1640003-12	828	Jun-18	3,616,800	3,616,800	-	-	Below fundable
Marshall	316	5	Treatment - Softening System Improvement	1420006-1	13,680	May-18	9,043,000	9,043,000	-	-	Below fundable
Morristown	318	5	Treatment - New Plant, Remove Radium	1660007-1	1,042	May-18	1,254,000	1,254,000	-	-	Below fundable
Kennedy	319	5	Storage - Tower Rehab	1350003-2	191	May-18	362,500	362,500	-	-	Below fundable
Kennedy	320	5	Watermain - Replace Various Areas	1350003-3	191	Jul-19	1,282,500	1,282,500	-	-	Below fundable
Foley	333	5	Storage - Tower Rehab	1050001-6	2,708	May-18	319,100	319,000	-	-	Below fundable
Cold Spring	335	5	Distribution - Raw Water Line from Wells	1730006-4	4,053	May-19	675,000	675,000	-	-	Below fundable
Kent	337	5	Source - New Pumphouse & Equipment	1840004-1	90	May-18	427,000	427,000	-	-	Below fundable
Pemberton	338	5	Storage - Tower Rehab	1070015-5	247	Apr-18	258,000	258,000	-	-	Below fundable
Audubon	340	5	Storage - Tower Rehab	1030001-5	519	May-18	406,000	406,000	-	-	Below fundable
Ghent	341	5	Conservation - Replace Meters	1420004-2	364	May-18	98,000	98,000	-	-	Below fundable
Lewiston	345	5	Storage - Tower Rehab	1850006-7	1,620	May-18	436,710	436,710	-	-	Below fundable
Racine	346	5	Storage - New 75,000 Gal Tower	1500012-1	425	Dec-17	800,000	800,000	-	-	Below fundable
Lake Crystal	347	5	Storage - Rehab Tower	1070006-5	2,554	May-18	400,000	400,000	-	-	Below fundable
Lake Crystal	348	5	Storage - Rehab Ground Storage Tank	1070006-6	2,554	May-18	415,000	415,000	-	-	Below fundable
Brooklyn Park	352	5	Storage - Rehab Towers	1270005-6	75,781	Jun-18	1,400,000	1,400,000	-	-	Below fundable
Brooklyn Park	353	5	Watermain - SW Replacement	1270005-7	75,781	Jun-18	1,600,000	1,600,000	-	-	Below fundable
Waverly	359	5	Watermain - Interconnect	1860019-4	997	May-18	1,485,400	1,485,000	-	-	Below fundable
Glyndon	361	5	Watermain - Repl Parke Ave	1140005-6	1,393	Apr-18	2,179,000	2,179,000	-	-	Below fundable

**DWRF 2018 Intended Use Plan**  
**Table 2. Sources and Uses of Funds**

**APPROVED 09/29/2017**

<u>Sources</u>	<u>FY 2017</u>	<u>Totals, FY 1998-2017</u>	<u>Estimated FY 2018</u>
Capitalization:			
Federal Capitalization Grants <sup>(1)</sup>	-	354,668,500	14,747,000
State Match <sup>(2)</sup>	7,000,000	75,908,058	-
capitalization sub-total	7,000,000	430,576,558	14,747,000
Revenue Bond Proceeds (net) <sup>(3)</sup>	-	411,286,512	-
Net Fund Revenues:			
Loan Repayments	42,514,157	411,231,958	45,880,000
Investment Interest	1,514,045	21,418,343	1,495,851
Federal BABS subsidy	615,484	4,088,949	616,145
Repayment of Advance between SRFs w/interest	(3,409,497)	(3,409,497)	(12,102,452)
Bond Debt Service <sup>(3)</sup>	(23,201,495)	(227,627,192)	(15,520,433)
net revenues sub-total	18,032,695	205,702,561	20,369,111
Total Sources	<u>25,032,695</u>	<u>1,047,565,631</u>	<u>35,116,111</u>
 <u>Uses</u>	 <u>FY 2017</u>	 <u>Totals, FY 1998-2017</u>	 <u>Estimated FY 2018</u>
Project Binding Commitments: <sup>(4)</sup>			
Loans	39,571,149	808,919,460	99,000,000
Principal Forgiveness <sup>(5)</sup>	750,264	63,244,181	6,900,000
Project binding commitments total	40,321,413	872,163,641	105,900,000
Reserved for Set-Asides: <sup>(6)</sup>			
DWRF Administration	(5,691)	10,797,373	-
Administer PWSS Program	1,487,500	16,006,384	3,474,700
Capacity Development	-	3,152	-
Operator Certification Program	-	460,417	-
Tech. Assistance to Small Systems	297,500	5,000,199	294,940
Source Water Protection	-	2,104,290	-
Wellhead Protection	1,487,500	24,815,067	1,474,700
Set-asides total	3,266,809	59,186,883	5,244,340
Account balances:			
Debt Service Reserve Requirement per bond resolutions	(721,500)	-	-
Revenue Account and lendable reserves	(17,834,027)	116,215,107	(76,028,229)
account balances sub-total	(18,555,527)	116,215,107	(76,028,229)
Total Uses	<u>25,032,695</u>	<u>1,047,565,631</u>	<u>35,116,111</u>

Notes:

- (1) The federal capitalization grant shown in SFY 2018 is the FFY 2017 grant which was received in August 2017. Congress has not yet appropriated funds for FFY 2018.
- (2) State funds in excess of the required match to the cumulative federal grants have already been deposited to the CWRF and expended, or encumbered for eligible projects. The FFY 2017 federal grant funds will be obligated for projects and the State will draw 100% of those funds as eligible costs are incurred.
- (3) Revenue Bond Proceeds (net), and Bond Debt Service are net of potential refunding activity.
- (4) Binding commitments are recorded when the financing agreement is fully executed, after project certification by the MDH and submittal of as-bid costs to the PFA. New binding commitments for SFY 2017 were \$42,397,015. The amount shown is net of decreases to prior years' binding commitments.
- (5) Additional subsidization provided as principal forgiveness as authorized under federal law and MN Statutes 446A.081, Subdivision 9 and 446A.072.
- (6) The SFY18 set-aside amounts are based on the following percentages taken from the FFY 2017 federal grant: PWSS - 10% (plus a one-time additional \$2,000,000 from previously banked funds), TA - 2%, Wellhead - 10%. If federal capitalization grants are appropriated in FFY 2018, set-aside funds will be taken at the same percentages as shown in Section V of this IUP. Rather than using the DWRF Administrative set-aside, administrative expenses for SFY 2017 and 2018 are funded from loan service fees collected from the interest portion of loan repayments under Minn. Stat. Sec 446A.04 Subd.5. For SFY 2018 a total of \$1,091,000 is budgeted for DWRF program administration by the PFA and MDH.



**Minnesota Department of Health  
2018 Project Priority List**

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**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

Rank	System	Project	Project #	Priority Points	Public Health Impact	Estimated Project Cost
1	Randall	Treatment - Remove Nitrate	1490005-1	40.0	Yes	\$1,390,000
2	Verndale	Treatment - Remove Nitrate	1800003-9	35.0	Yes	\$1,800,000
3	Winger	Treatment - Remove Fe/As and Wells	1600013-2	30.0	Yes	\$1,734,004
4	Pipestone	Treatment - New Plant - Gross Alpha/Rad	1590005-3	30.0	Yes	\$15,391,000
5	Houston	Treatment - Radium Removal	1280005-2	30.0	Yes	\$2,600,000
6	Tower	Treatment - Plant Improvements	1690051-2	25.0	Yes	\$2,460,000
7	Cuyuna	Source - Repl with Wells #2 & #3/Treat	1180011-4	15.0	No	\$459,300
8	Broton	Source - Replace Wells #1 & #2	1730005-5	15.0	No	\$146,500
9	Ostrander	Source - New Well #3, Rehab Well #2	1230008-3	15.0	No	\$1,236,900
10	Albert Lea	Watermain - Consolidate Stables Area	1240001-1	15.0	No	\$1,354,000
11	Aurora	Consolidation - E Mesabi Joint Water Sys	1690002-6	15.0	No	\$28,000,000
12	Carlton	Treatment - Replace Plant, New Well	1090003-7	15.0	No	\$2,500,000
13	Alden	Treatment - Repl Fe/Mn Plant & Well	1240004-2	15.0	No	\$1,935,000
14	Minnesota Lake	Watermain - Connect to Wells	1220013-1	13.0	No	\$1,560,000
15	Maple Plain	Source - New Well #4 & Test Well	1270021-4	13.0	No	\$585,000
16	Easton	Watermain - Connect to Wells	1220005-5	13.0	No	\$1,690,000
17	Montrose	Source - New Well & Wellhouse	1860016-4	13.0	No	\$956,250
18	Twin Lakes Township	Watermain - Extension to Arsenic Wells	1090018-1	12.5	Yes	\$7,500,000
19	Deer River	Treatment - Wellhouse Rehab	1310007-4	12.0	No	\$476,000
20	Bigfork	Source - New Well & Plant Rehab	1310001-6	12.0	No	\$129,489
21	Onamia	Treatment - New Plant	1480003-4	12.0	No	\$2,954,000
22	Onamia	Watermain - Looping	1480003-5	12.0	No	\$396,966
23	Round Lake	Treatment - Plant Rehab	1530008-1	12.0	No	\$1,024,200
24	Gonvick	Treatment - Plant Rehab	1150005-1	12.0	No	\$275,000
25	Gonvick	Watermain - Repl Various Areas	1150005-2	12.0	No	\$3,243,000
26	Pine City	Watermain - Second River Crossing	1580008-3	12.0	No	\$306,800
27	Twin Valley	Treatment - Plant Rehab	1540008-2	12.0	No	\$690,000
28	Fertile	Watermain - Repl & Loop Various Areas	1600008-4	12.0	No	\$2,880,000
29	Bowlus	Source - Backup Well #3	1490009-1	12.0	No	\$40,880
30	Garfield	Treatment - New Plant, Remove Fe/Mn	1210021-1	12.0	No	\$987,527
31	Garfield	Source - New Well	1210021-2	12.0	No	\$121,234
32	Wells	Treatment - Lime Softening Plant	1220010-2	12.0	No	\$12,000,000
33	Pelican Rapids	Watermain - Replace & Loop - Phase 2	1560019-4	12.0	No	\$1,904,263
34	Sandstone	Source - Upgrade Wells 1 & 2	1580010-3	12.0	No	\$209,000
35	Sandstone	Watermain - Supply Line to Tower	1580010-5	12.0	No	\$145,000
36	Sandstone	Watermain - Looping to Hospital	1580010-6	12.0	No	\$623,140
37	Morris	Treatment - New Softening Plant	1750005-2	12.0	No	\$18,381,820
38	Breckenridge	Treatment - Lime Softening Plant	1840002-1	12.0	No	\$13,584,000
39	Stewart	Watermain - Looping	1430009-6	12.0	No	\$306,065
40	Kandiyohi	Treatment - New Fe/Mn Plant & Wells	1340003-3	12.0	No	\$2,084,000
41	Kandiyohi	Watermain - Looping	1340003-5	12.0	No	\$201,600
42	Wheaton	Treatment - Plant Rehab	1780004-3	12.0	No	\$1,400,000
43	Morgan	Treatment - Remove Fe/Mn & New Wells	1640006-3	12.0	No	\$2,125,000
44	Kerkhoven	Treatment - Remove Fe/Mn/As	1760006-1	12.0	No	\$1,950,000
45	Mountain Iron	Source - New Well	1690035-3	12.0	No	\$603,800
46	Harris	Watermain - Looping	1130005-5	12.0	No	\$364,320
47	Greenbush	Watermain - Repl Area 3 - Old Ridge Rd.	1680002-9	12.0	No	\$456,306
48	Comfrey	Watermain - Looping	1080001-6	12.0	No	\$349,000
49	Gary	Source - Two New Wells	1540010-1	12.0	No	\$290,400
50	Gary	Treatment - Remove Fe/Mn	1540010-2	12.0	No	\$886,380
51	Gary	Watermain - Looping	1540010-4	12.0	No	\$146,916
52	Buffalo	Treatment - Repl 1981 Plant add 3 Wells	1860005-4	12.0	No	\$11,200,000
53	Randolph	Source New Well, Rehab Wellhouse	1190025-1	12.0	No	\$888,000
54	Courtland	Treatment - Rehab Plant & New Well #5	1520001-4	12.0	No	\$1,660,000
55	Vernon Center	Treatment - New Plant	1070019-1	12.0	No	\$1,950,000
56	Myrtle	Storage - New Hydropneumatic Tank	1240015-2	11.0	No	\$9,800
57	Deerwood	Storage - Replace w/100,000 Gal Tower	1180012-6	11.0	No	\$923,000
58	Evansville	Storage - Replace Storage Tank	1210013-9	11.0	No	\$900,000

**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

Rank	System	Project	Project #	Priority Points	Public Health Impact	Estimated Project Cost
59	Kandiyohi	Storage - Repl Tower w/75,000 Gal Tower	1340003-4	11.0	No	\$638,000
60	Saint Paul Regional Water	Other - Generator W. St. Paul Booster	1620026-19	11.0	No	\$515,000
61	Gary	Storage - New 50,000 Gal Tower	1540010-3	11.0	No	\$831,600
62	Cromwell	Watermain - Repl TH 210/TH 73	1090007-7	10.0	No	\$232,000
63	Myrtle	Source - New Pump & Generator	1240015-1	10.0	No	\$58,500
64	Myrtle	Watermain - Replace Mains	1240015-3	10.0	No	\$224,640
65	Pine River	Source - Replace Wellhouses 1 & 2	1110019-4	10.0	No	\$860,000
66	Pine River	Storage - Rehab Towers 1 & 2	1110019-5	10.0	No	\$785,000
67	Menahga	Storage - Repl w/100,000 Gal Tower	1800001-2	10.0	No	\$770,000
68	Menahga	Watermain - Main Street East Repl	1800001-3	10.0	No	\$458,430
69	Menahga	Watermain - First Street NW Repl	1800001-4	10.0	No	\$360,378
70	Ogilvie	Watermain - Repl E.Rutherford/Hill Ave	1330004-3	10.0	No	\$674,220
71	Isle	Watermain - Replacement	1480001-5	10.0	No	\$753,100
72	Isle	Source - Improvements	1480001-6	10.0	No	\$307,700
73	Isle	Storage - Tower Rehab	1480001-7	10.0	No	\$294,500
74	Northome	Watermain - Repl Northeast Watermain	1360005-6	10.0	No	\$3,608,718
75	Northome	Storage - Replace w/50,000 Gallon Tower	1360005-7	10.0	No	\$942,500
76	Northome	Conservation-Repl Meters, Service Lines	1360005-8	10.0	No	\$341,250
77	Blackduck	Watermain - Repl Summit Ave & Main St. N	1040014-1	10.0	No	\$746,463
78	Onamia	Storage - Tower Rehab	1480003-6	10.0	No	\$315,000
79	Ironton	Source - Rehabilitate Well #2	1180017-5	10.0	No	\$38,900
80	Ironton	Treatment - Replace Plant	1180017-6	10.0	No	\$1,235,600
81	Ironton	Conservation - Replace Meters	1180017-7	10.0	No	\$114,000
82	Crosby	Watermain - Phase 2 Improvements	1180008-7	10.0	No	\$750,000
83	Crosby	Watermain - Phase 3 Improvements	1180008-8	10.0	No	\$3,670,000
84	Deerwood	Watermain - Repl 4 inch Mains, Phase 2	1180012-2	10.0	No	\$275,436
85	Deerwood	Watermain - Repl 4 inch Mains, Phase 3	1180012-4	10.0	No	\$787,000
86	Deerwood	Watermain - Replace Under Hwy 210	1180012-5	10.0	No	\$95,000
87	Brainerd	Treatment - Backwash Recovery	1180002-1	10.0	No	\$3,907,000
88	Brainerd	Storage - South 500,000 Gal Tower	1180002-2	10.0	No	\$2,261,000
89	Brainerd	Storage - 2MG Ground Reservoir	1180002-3	10.0	No	\$3,459,000
90	Eden Valley	Watermain - Repl Various Areas	1470012-5	10.0	No	\$613,300
91	Bagley	Watermain - Replace Cast Iron Main	1150001-2	10.0	No	\$474,428
92	Round Lake	Storage - 50,000 Gallon Tower Rehab	1530008-2	10.0	No	\$234,000
93	Walker	Watermain - Replace on North Side	1110013-7	10.0	No	\$842,000
94	Cuyuna	Storage - Replace with New Tower	1180011-5	10.0	No	\$616,800
95	Cuyuna	Watermain - Replace for City	1180011-6	10.0	No	\$1,273,155
96	Cuyuna	Conservation - Replace Meters	1180011-7	10.0	No	\$55,650
97	Calumet	Watermain - Alley Replacement	1310004-3	10.0	No	\$415,000
98	Calumet	Watermain - Repl 6th Ave/Shipka St.	1310004-4	10.0	No	\$260,000
99	Walnut Grove	Watermain - Replace Old Water Main	1640014-1	10.0	No	\$833,500
100	Bovey	Watermain - Replace in Business Area	1310003-1	10.0	No	\$658,880
101	Baudette	Storage - Repl w/50,000 Gal East Tower	1390001-3	10.0	No	\$650,000
102	Wadena	Watermain - Replace SW Portion of City	1800004-4	10.0	No	\$4,925,000
103	Kensington	Source - Repl Well #5	1210017-5	10.0	No	\$181,800
104	Kensington	Treatment - Plant Rehab, Generator	1210017-6	10.0	No	\$611,300
105	Kensington	Storage - Replace w/50,000 Gal Tower	1210017-7	10.0	No	\$967,000
106	Kensington	Watermain - Repl Cast Iron Main	1210017-8	10.0	No	\$579,000
107	Kensington	Conservation - Meter Upgrade	1210017-9	10.0	No	\$148,900
108	Moose Lake	Source - Well #1 Rehab, New Well House	1090009-3	10.0	No	\$1,100,000
109	Erskine	Storage - Remove Original Tower	1600005-6	10.0	No	\$58,000
110	Erskine	Watermain - Replace 1947 Lines	1600005-7	10.0	No	\$1,179,150
111	Sacred Heart	Watermain - Replace	1650013-2	10.0	No	\$3,220,000
112	Sebeka	Treatment - New Plant, Remove Iron	1800002-7	10.0	No	\$1,750,000
113	Sebeka	Watermain - Replace, Phase 2	1800002-8	10.0	No	\$975,000
114	Ely	Watermain - Repl Various Areas	1690014-3	10.0	No	\$700,000
115	Ely	Watermain - Raw Water Intake/WM Repl	1690014-4	10.0	No	\$2,645,000
116	Ely	Watermain - Water Plant to Tower	1690014-5	10.0	No	\$270,000

**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

Rank	System	Project	Project #	Priority Points	Public Health Impact	Estimated Project Cost
117	Darwin	Watermain - Replace Main	1470002-2	10.0	No	\$922,000
118	Darwin	Conservation - Install Meters	1470002-3	10.0	No	\$140,000
119	Mahnomen	Other - Backup Generators	1440002-10	10.0	No	\$220,500
120	Mahnomen	Watermain - Replace Various Areas	1440002-8	10.0	No	\$5,715,130
121	Mahnomen	Source - Upgrade Well #4	1440002-9	10.0	No	\$208,000
122	Evansville	Conservation - Meter Upgrade	1210013-10	10.0	No	\$65,000
123	Evansville	Treatment - Plant Rehab	1210013-8	10.0	No	\$1,476,773
124	Winger	Storage - Replace 50,000 Gal Tower	1600013-3	10.0	No	\$858,000
125	Broton	Treatment - New Plant, Remove Fe/Mn	1730005-6	10.0	No	\$1,181,700
126	Welcome	Storage - Repl w/150,000 Gal Tower	1460011-2	10.0	No	\$1,157,700
127	Eveleth	Watermain - Repl Garfield Street	1690018-7	10.0	No	\$237,794
128	Eveleth	Storage - 750,000 Gal Tower Rehab	1690018-8	10.0	No	\$1,412,172
129	Grove City	Watermain - Replace Cast Iron Main	1470007-3	10.0	No	\$1,851,000
130	Heron Lake	Other - Connect to Red Rock Rural Water	1320002-2	10.0	No	\$1,715,307
131	Heron Lake	Storage - Replace 100,000 Gal Tower	1320002-3	10.0	No	\$800,000
132	Eagle Bend	Watermain - Phase 2 Replacement	1770004-4	10.0	No	\$865,000
133	Eagle Bend	Watermain - Phase 3 Replacement	1770004-5	10.0	No	\$485,000
134	Eagle Bend	Watermain - Phase 4 Replacement	1770004-6	10.0	No	\$215,925
135	Detroit Lakes	Watermain - Repl West Ave/Willow St	1030005-3	10.0	No	\$2,681,000
136	Ostrander	Storage - New 50,000 Gal Tower	1230008-1	10.0	No	\$758,100
137	Ostrander	Watermain - Repl Cast Iron Mains	1230008-2	10.0	No	\$683,100
138	Barrett	Treatment - Plant Rehab	1260002-4	10.0	No	\$680,800
139	Barrett	Watermain - Replace Various Areas	1260002-5	10.0	No	\$1,348,700
140	Clarissa	Watermain - Repl Various Blocks	1770003-5	10.0	No	\$2,716,000
141	Clarissa	Conservation - Replace Meters	1770003-6	10.0	No	\$108,000
142	Chisholm	Watermain - Repl for Lakeview Additions	1690007-2	10.0	No	\$1,477,086
143	Riverton	Watermain - Replace	1180025-4	10.0	No	\$104,000
144	Kelliher	Storage - Replace 50,000 Gal Tower	1040017-1	10.0	No	\$750,000
145	Kelliher	Watermain - Replace Old Main	1040017-2	10.0	No	\$1,757,000
146	Osakis	Watermain - Replace Various Blocks	1210020-6	10.0	No	\$735,200
147	Canby	Watermain - Replacement, Phase 2	1870001-4	10.0	No	\$2,399,389
148	Canby	Watermain - Replacement, Phase 3	1870001-5	10.0	No	\$3,082,911
149	Canby	Treatment - Plant Upgrade, New Well	1870001-6	10.0	No	\$972,000
150	Waubun	Storage - Repl w/100,000 Gallon Tower	1440004-1	10.0	No	\$635,000
151	Waubun	Watermain - Replacement	1440004-2	10.0	No	\$2,099,000
152	Waubun	Conservation - Install Meters	1440004-3	10.0	No	\$140,000
153	Elbow Lake	Watermain - Replace for Division St.	1260003-2	10.0	No	\$690,000
154	Elbow Lake	Treatment - Rehabilitate Plant	1260003-5	10.0	No	\$1,100,000
155	Pipestone	Storage - Rehab Hosp. & Ind. Park Towers	1590005-5	10.0	No	\$1,524,000
156	Pelican Rapids	Storage - Recoat Water Tower	1560019-3	10.0	No	\$500,000
157	Pelican Rapids	Watermain - Repl Various Street	1560019-6	10.0	No	\$667,600
158	Starbuck	Conservation - Replace Meters	1610008-1	10.0	No	\$312,000
159	Starbuck	Watermain - TH 28, 29 & 114	1610008-2	10.0	No	\$1,028,997
160	Herman	Source - New Well #2/Rehab #1	1260005-2	10.0	No	\$200,000
161	Herman	Storage - Replace Elevated Tower	1260005-3	10.0	No	\$750,000
162	Herman	Watermain - Loop and Replace	1260005-4	10.0	No	\$580,000
163	Currie	Watermain - Replace and Loop	1510003-1	10.0	No	\$2,033,000
164	Rushmore	Watermain - Connection to LPRWS	1530009-4	10.0	No	\$1,375,900
165	Rushmore	Storage - New 50,000 Gal Tower	1530009-5	10.0	No	\$677,000
166	Sandstone	Treatment - Plant Rehab	1580010-4	10.0	No	\$270,000
167	Little Falls	Treatment - Phase 1- Filter Rehab	1490002-5	10.0	No	\$1,400,000
168	Little Falls	Treatment - Phase 2 - Reclaim Tank Rehab	1490002-6	10.0	No	\$1,300,000
169	Little Falls	Treatment - Phase 3 - Plant Rehab	1490002-7	10.0	No	\$280,500
170	Tracy	Storage - Tower Rehab	1420010-3	10.0	No	\$350,000
171	Tracy	Watermain - Loop and Replace	1420010-4	10.0	No	\$8,000,000
172	Frazee	Watermain - Replace Cast Iron Mains	1030014-1	10.0	No	\$676,710
173	Clarkfield	Storage - New Elevated Tank	1870002-4	10.0	No	\$1,410,600
174	Clarkfield	Watermain - Repl Cast Iron Mains	1870002-5	10.0	No	\$1,462,100

**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

Rank	System	Project	Project #	Priority Points	Public Health Impact	Estimated Project Cost
175	Clarkfield	Treatment - Plant Rehab	1870002-6	10.0	No	\$2,477,900
176	Raymond	Watermain - Repl Day St./ Emerson Ave.	1340008-1	10.0	No	\$660,000
177	Houston	Watermain - Ellsworth St. Repair	1280005-3	10.0	No	\$143,780
178	Houston	Watermain - Jackson, Lincoln, Spruce Sts	1280005-4	10.0	No	\$652,500
179	New London	Watermain - Repl Various Blocks	1340005-2	10.0	No	\$575,900
180	Winnebago	Watermain - Repl Cast Iron Mains	1220011-2	10.0	No	\$2,087,000
181	Rush City	Watermain - Replace for TH 361	1130013-5	10.0	No	\$1,006,284
182	Glenwood	Watermain - Replace Various Areas	1610003-11	10.0	No	\$1,026,134
183	Stewart	Watermain - Replacement	1430009-5	10.0	No	\$1,105,674
184	Northrop	Storage - Tower Rehab	1460006-2	10.0	No	\$285,000
185	Saint James	Watermain - Repl TH 4	1830006-6	10.0	No	\$2,900,000
186	Wheaton	Storage - Recoat Tower, Add Safety Items	1780004-1	10.0	No	\$500,000
187	Wheaton	Conservation - Replace Meters	1780004-4	10.0	No	\$420,000
188	Waseca	Watermain - Replace Elm Ave	1810004-2	10.0	No	\$2,650,500
189	Badger	Watermain - Repl Area 1	1680001-4	10.0	No	\$836,000
190	Badger	Watermain - Repl Area 2	1680001-5	10.0	No	\$667,000
191	Badger	Storage - Rehab Tower	1680001-6	10.0	No	\$296,000
192	Morgan	Storage - Tower Rehab	1640006-5	10.0	No	\$407,000
193	Red Lake Falls	Watermain - Repl Various Areas	1630003-2	10.0	No	\$3,075,000
194	Browerville	Watermain - TH 71 Replacement/Gillis Ave	1770002-4	10.0	No	\$759,600
195	Nashwauk	Watermain - TH 65 Replacement	1310024-4	10.0	No	\$1,300,000
196	Howard Lake	Conservation - Replace Meters	1860010-7	10.0	No	\$253,000
197	Saint Paul Regional Water	Treatment - Repl High Service Pump	1620026-20	10.0	No	\$700,000
198	Hanska	Source - Replace Well #1 with #4	1080002-1	10.0	No	\$255,000
199	Hanska	Watermain - Repl Transite Main - Phase 2	1080002-6	10.0	No	\$2,335,000
200	Echo	Storage - Replace 50,000 Gal Tower	1870003-3	10.0	No	\$600,000
201	Echo	Watermain - Repl CSAH 20, 3rd & East Sts	1870003-4	10.0	No	\$1,280,000
202	Alden	Conservation - Replace Meters	1240004-4	10.0	No	\$105,000
203	Harris	Storage - Tower Rehab	1130005-4	10.0	No	\$149,900
204	Minneapolis	Treatment - Fridley Plant Rehab	1270024-11	10.0	No	\$51,000,000
205	Minneapolis	Treatment - Recarb Improvements	1270024-12	10.0	No	\$4,500,000
206	Greenbush	Watermain - Repl Along Hwy 7	1680002-5	10.0	No	\$601,957
207	Greenbush	Watermain - Relocation Along Hwy 32	1680002-6	10.0	No	\$155,000
208	Greenbush	Watermain - Repl Area 2 - 5th Street	1680002-8	10.0	No	\$424,033
209	LeRoy	Storage - Repl with 120,000 Gallon Tower	1500009-2	10.0	No	\$811,589
210	LeRoy	Treatment - Rehab Filter	1500009-4	10.0	No	\$373,001
211	Henderson	Source - New Well #3	1720006-1	10.0	No	\$359,864
212	Foley	Source - New Well #6	1050001-3	10.0	No	\$180,000
213	Perham	Watermain - Replace 2nd Ave SW	1560023-8	10.0	No	\$3,030,000
214	Comfrey	Watermain - Replace Cast Iron Main	1080001-5	10.0	No	\$1,678,000
215	Comfrey	Conservation - Replace Meters	1080001-7	10.0	No	\$114,000
216	Oslo	Watermain - Replace & Looping	1450008-1	10.0	No	\$3,888,000
217	Pemberton	Source - New Well, Seal Emergency Well	1070015-4	10.0	No	\$220,500
218	Lowry	Storage - New 50,000 Gallon Tower	1610007-4	10.0	No	\$675,583
219	Winsted	Storage - Tower Rehab	1430010-4	10.0	No	\$800,000
220	Easton	Conservation - Replace Meters	1220005-6	10.0	No	\$45,100
221	Hitterdal	Storage - New 50,000 Gallon Tower	1140007-3	10.0	No	\$625,000
222	Hitterdal	Conservation - Install Meters	1140007-4	10.0	No	\$75,000
223	Big Lake	Source - Additional Well #8	1710002-5	10.0	No	\$1,350,000
224	Montrose	Treatment - Remove Fe/Mn	1860016-5	10.0	No	\$7,000,000
225	Montrose	Storage - Repl Tower w/100,000 Gal Tower	1860016-6	10.0	No	\$680,000
226	Burnsville	Treatment - Groundwater Plant Rehab	1190002-2	10.0	No	\$5,507,400
227	Buffalo	Watermain - Replace Southeast	1860005-6	10.0	No	\$2,200,000
228	Coon Rapids	Storage - Repl East Tower w/1.5 MG Tower	1020017-1	10.0	No	\$4,075,000
229	Coon Rapids	Storage - Baffle Wall in West Reservoir	1020017-2	10.0	No	\$275,000
230	Hampton	Watermain - Replace Cast Iron Main	1190010-4	10.0	No	\$643,250
231	Randolph	Storage - Tower Rehab	1190025-2	10.0	No	\$375,000

**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

Rank	System	Project	Project #	Priority Points	Public Health Impact	Estimated Project Cost
232	Courtland	Storage - Replace w/100,000 Gal Tower	1520001-1	10.0	No	\$1,085,000
233	Belle Plaine	Source - Replace Well #1 with #5	1700001-1	10.0	No	\$505,000
234	Lake Elmo	Extension - SW Area, Well Contam	1820009-3	10.0	Yes	\$6,075,000
235	Murdock	Source - Two Replacement Wells	1760007-3	8.0	No	\$186,600
236	Wood Lake	Source - New Well #4, Seal Wells 1 & 2	1870008-1	8.0	No	\$279,000
237	New Ulm	Source - 11 Wellfield Upgrades	1080003-2	8.0	No	\$2,489,000
238	Cold Spring	Source - Replace Wells 4, 5, & 6	1730006-3	8.0	No	\$525,000
239	Elbow Lake	Watermain - Replace & Loop 2nd	1260003-7	7.0	No	\$500,000
240	Madison	Treatment - Plant Rehab	1370004-4	7.0	No	\$1,005,000
241	Bird Island	Watermain - SE Loop to Plant	1650001-3	7.0	No	\$547,000
242	Amboy	Watermain - Repl North St., Loop Radke St	1070001-1	7.0	No	\$988,600
243	Marble	Watermain - Replace and Loop Main	1310023-2	7.0	No	\$397,206
244	Jackson	Watermain - New River Crossing	1320003-4	7.0	No	\$420,000
245	Murdock	Treatment - New Fe/Mn Treatment Plant	1760007-4	7.0	No	\$1,690,000
246	Murdock	Watermain - Replace & Loop	1760007-6	7.0	No	\$376,181
247	Wood Lake	Treatment - Repl Plant & Equipment	1870008-2	7.0	No	\$1,346,000
248	Lamberton	Treatment - New Plant	1640003-10	7.0	No	\$4,382,400
249	Lamberton	Watermain - Looping Project	1640003-13	7.0	No	\$171,600
250	Lamberton	Source - New Well, Rehab Well 1	1640003-9	7.0	No	\$624,400
251	Cloquet	Treatment - New Mn Plant at Well 8	1090005-2	7.0	No	\$5,583,714
252	Cloquet	Treatment - New Mn Plant at Well 11	1090005-3	7.0	No	\$1,838,200
253	Biscay	Source - Backup Well #2	1430001-1	7.0	No	\$42,000
254	Pease	Source - New Well #2	1480017-1	7.0	No	\$180,000
255	Atwater	Watermain - Loop North	1340001-5	7.0	No	\$289,000
256	Atwater	Watermain - Loop South	1340001-7	7.0	No	\$180,000
257	Truman	Treatment - Rehab Plants	1460010-5	7.0	No	\$705,800
258	Kerkhoven	Watermain - Loop & Replace	1760006-2	7.0	No	\$1,135,350
259	Hanska	Treatment - New Plant, Remove Fe/Mn	1080002-2	7.0	No	\$1,352,000
260	New Ulm	Source - New Well #28	1080003-3	7.0	No	\$1,159,000
261	LeRoy	Source - Backup Well	1500009-1	7.0	No	\$775,056
262	Foley	Treatment - New Fe/Mn Plant	1050001-4	7.0	No	\$3,401,000
263	Perham	Watermain - Repl & Loop 3rd St NE	1560023-7	7.0	No	\$2,302,000
264	South Bend Township	Source - New Well & Transite Main	1070026-5	7.0	No	\$920,300
265	Cold Spring	Treatment - Nitrate, Fe & Mn Removal	1730006-2	7.0	No	\$3,460,000
266	Audubon	Watermain - Falcon Street Loop	1030001-6	7.0	No	\$98,000
267	Hanley Falls	Watermain - Replace & Loop Main	1870005-4	7.0	No	\$2,699,000
268	Elgin	Watermain-Rolling Hills Interconnection	1790001-2	7.0	No	\$242,088
269	Plato	Source - Additional Well #4	1430007-1	7.0	No	\$475,000
270	Plato	Treatment - New Plant, Remove Fe/Mn	1430007-2	7.0	No	\$2,655,375
271	Rice Lake	Watermain - East Calvary Road Loop	1690049-1	7.0	No	\$2,991,379
272	Rice Lake	Watermain - Martin Road Loop	1690049-2	7.0	No	\$1,300,000
273	Rice	Source - Adtl Well #4	1050002-4	7.0	No	\$80,000
274	Rice	Watermain - Looping	1050002-7	7.0	No	\$300,000
275	Waverly	Treatment - Wellhouse Rehab	1860019-6	7.0	No	\$340,000
276	Glyndon	Watermain - Looping Two Areas	1140005-5	7.0	No	\$535,000
277	Eagle Lake	Treatment - New Plant, Remove Fe/Mn	1070002-2	7.0	No	\$3,500,000
278	Cologne	Treatment - New Plant, Remove Fe/Mn	1100004-4	7.0	No	\$7,378,500
279	Oronoco	Watermain - Extend SW, Priv Well Cont.	1550036-2	7.0	No	\$1,800,000
280	Pennock	Storage - Repl with 50,000 Gal Tower	1340006-1	6.0	No	\$768,400
281	Gaylord	Storage - Repl w/200,000 Gal Tower	1720002-3	6.0	No	\$1,675,765
282	Murdock	Storage - New 50,000 Gal Tower	1760007-5	6.0	No	\$715,000
283	Pease	Storage - New 50,000 Gal Tower	1480017-3	6.0	No	\$824,000
284	Foley	Storage - New 200,000 Gal Tower	1050001-5	6.0	No	\$1,372,000
285	Ghent	Storage - New 50,000 Gal Tower	1420004-1	6.0	No	\$660,000
286	New London	Watermain - Repl Various Streets SW & NE	1340005-3	5.0	No	\$1,514,700
287	Silver Bay	Watermain - Repl at Banks, Rehab P Stat	1380003-9	5.0	No	\$1,212,879
288	Bird Island	Other - Backup Generator	1650001-4	5.0	No	\$158,250
289	Aurora	Treatment - Renovate Plant	1690002-4	5.0	No	\$155,000

**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

Rank	System	Project	Project #	Priority Points	Public Health Impact	Estimated Project Cost
290	Aurora	Storage - Replace Ground Storage	1690002-5	5.0	No	\$310,000
291	Wykoff	Watermain - County Road 5	1230013-4	5.0	No	\$297,000
292	Hoffman	Watermain - Replace & Loop	1260006-5	5.0	No	\$770,000
293	Hoffman	Conservation - Meters	1260006-6	5.0	No	\$171,000
294	Paynesville	Distribution - Booster Station	1730018-3	5.0	No	\$630,000
295	Gaylord	Conservation - Replace Meters	1720002-4	5.0	No	\$275,000
296	Watkins	Storage - New 50,000 Gal Tower	1470010-2	5.0	No	\$751,500
297	Redwood Falls	Watermain - Ponderosa to N. Redwood	1640008-3	5.0	No	\$750,000
298	Glenwood	Source - Rehab Well No. 5 & 6 Pumphouses	1610003-7	5.0	No	\$435,200
299	Stewart	Storage - Repl w/100,000 Gal Tower	1430009-2	5.0	No	\$635,747
300	Jackson	Storage - Recondition/Paint East Tower	1320003-1	5.0	No	\$175,000
301	Jackson	Watermain - Replace & Install	1320003-2	5.0	No	\$1,738,700
302	Jackson	Treatment - High Service Pump Imp.	1320003-3	5.0	No	\$454,440
303	Carlton	Watermain - Replace for School Ave	1090003-3	5.0	No	\$667,000
304	Hokah	Watermain - Repl STH 44	1280004-1	5.0	No	\$377,400
305	Lakefield	Treatment - Add RO/Plant Rehab	1320004-3	5.0	No	\$5,126,600
306	Wood Lake	Storage - Replace Water Tower	1870008-3	5.0	No	\$982,000
307	Wood Lake	Watermain - Repl Cast Iron & AC Mains	1870008-4	5.0	No	\$3,631,000
308	Saint Cloud	Conservation - Rem. Read Meter Upgrade	1730027-7	5.0	No	\$5,215,000
309	Lamberton	Storage - Ground Storage Rehab	1640003-11	5.0	No	\$184,800
310	Lamberton	Watermain - Replacement Project	1640003-12	5.0	No	\$3,616,800
311	Pease	Source - Rehab Well #1 & Wellhouse	1480017-2	5.0	No	\$115,000
312	Pease	Watermain - Replace & Loop	1480017-4	5.0	No	\$1,906,000
313	Badger	Treatment - Repl Plant Piping System	1680001-2	5.0	No	\$102,182
314	Badger	Storage - Replace Riser Pipe	1680001-3	5.0	No	\$38,318
315	Benson	Storage - Tower Rehab	1760008-3	5.0	No	\$790,000
316	Marshall	Treatment - Softening System Improvement	1420006-1	5.0	No	\$9,043,000
317	Atwater	Watermain - Replace North	1340001-4	5.0	No	\$350,000
318	Morristown	Treatment - New Plant, Remove Radium	1660007-1	5.0	No	\$1,254,000
319	Kennedy	Storage - Tower Rehab	1350003-2	5.0	No	\$362,500
320	Kennedy	Watermain - Replace Various Areas	1350003-3	5.0	No	\$1,282,500
321	Truman	Storage - Rehab Water Tower	1460010-6	5.0	No	\$519,000
322	Fairmont	Storage - New 3.0 MG Reservoir	1460003-2	5.0	No	\$2,063,000
323	Brownston	Watermain - Replace Various Streets	1430002-4	5.0	No	\$1,992,000
324	Waldorf	Treatment - Plant Rehab & Well Valves	1810003-1	5.0	No	\$389,870
325	Waldorf	Storage - Tower Rehab	1810003-2	5.0	No	\$439,840
326	Waldorf	Watermain - Replace with Meters	1810003-3	5.0	No	\$2,080,300
327	Hanska	Storage - Repl w/100,000 Gal Tower	1080002-3	5.0	No	\$638,000
328	Cottonwood	Watermain - Repl Cast Iron Mains	1420002-1	5.0	No	\$570,434
329	Silver Lake	Storage - New 115,000 Gallon Tank	1430008-1	5.0	No	\$598,000
330	Richmond	Storage - Recoat 70,000 Gallon Tower	1730022-4	5.0	No	\$92,000
331	Greenbush	Watermain - Repl Area 1 - Main Street	1680002-7	5.0	No	\$889,206
332	LeRoy	Watermain - Replace for East County Rd.	1500009-3	5.0	No	\$560,232
333	Foley	Storage - Tower Rehab	1050001-6	5.0	No	\$319,100
334	Blomkest	Storage - 20,000 Gal Ground Tank	1340002-1	5.0	No	\$431,638
335	Cold Spring	Distribution - Raw Water Line from Wells	1730006-4	5.0	No	\$675,000
336	Proctor	Watermain - Replace Various Blocks	1690042-4	5.0	No	\$1,807,404
337	Kent	Source - New Pumphouse & Equipment	1840004-1	5.0	No	\$427,000
338	Pemberton	Storage - Tower Rehab	1070015-5	5.0	No	\$258,000
339	Lowry	Storage - Demolish Tower	1610007-5	5.0	No	\$45,000
340	Audubon	Storage - Tower Rehab	1030001-5	5.0	No	\$406,000
341	Ghent	Conservation - Replace Meters	1420004-2	5.0	No	\$98,000
342	Hawley	Watermain - Replace, Phase 3	1140006-7	5.0	No	\$2,872,000
343	Barnesville	Watermain - Replacement - Phase 1	1140001-4	5.0	No	\$2,600,000
344	Lewiston	Conservation - Replace Meters	1850006-5	5.0	No	\$204,000
345	Lewiston	Storage - Tower Rehab	1850006-7	5.0	No	\$436,710
346	Racine	Storage - New 75,000 Gal Tower	1500012-1	5.0	No	\$800,000
347	Lake Crystal	Storage - Rehab Tower	1070006-5	5.0	No	\$400,000

**Minnesota Drinking Water Revolving Loan Fund  
2018 Project Priority List**

Rank	System	Project	Project #	Priority Points	Public Health Impact	Estimated Project Cost
348	Lake Crystal	Storage - Rehab Ground Storage Tank	1070006-6	5.0	No	\$415,000
349	Brooklyn Park	Source - Rehab Wellhouses 2, 3, & #11	1270005-3	5.0	No	\$2,500,000
350	Brooklyn Park	Watermain - From Well #11 to WTP	1270005-4	5.0	No	\$1,150,000
351	Brooklyn Park	Watermain - Replace CSAH 103	1270005-5	5.0	No	\$2,000,000
352	Brooklyn Park	Storage - Rehab Towers	1270005-6	5.0	No	\$1,400,000
353	Brooklyn Park	Watermain - SW Replacement	1270005-7	5.0	No	\$1,600,000
354	Plato	Storage - Repl w/100,000 Gallon Tower	1430007-3	5.0	No	\$841,000
355	Madison Lake	Treatment - New Fe/Mn Plant for Well #3	1070007-5	5.0	No	\$705,000
356	Madison Lake	Conservation - Replace Meters	1070007-7	5.0	No	\$110,000
357	Lonsdale	Watermain - Repl Cast Iron Main - Area 5	1660006-2	5.0	No	\$1,752,300
358	Rice	Treatment - Plant Rehab	1050002-5	5.0	No	\$500,000
359	Waverly	Watermain - Interconnect	1860019-4	5.0	No	\$1,485,400
360	Belle Plaine	Treatment - RO for Vulnerability	1700001-3	5.0	No	\$1,215,000
361	Glyndon	Watermain - Repl Parke Ave	1140005-6	5.0	No	\$2,179,000
362	Cologne	Source - Well #1 Rehab	1100004-1	5.0	No	\$24,000
363	Empire Township	Treatment - New Plant, Remove Ra, Fe, Mn	1190009-2	5.0	No	\$7,500,000
364	Chanhassen	Treatment - West Fe/Mn Plant	1100001-1	5.0	No	\$18,360,000
365	Carver	Storage - Recoat 100,000 Gal Tower	1100017-3	5.0	No	\$272,000
366	Carver	Treatment - New Skid Plant & New Well #5	1100017-6	5.0	No	\$2,840,000
367	Minnetrista	Storage - New 0.5 MG Tower	1270036-4	5.0	No	\$2,400,000
368	Minnetrista	Watermain - South/Central Connection	1270036-5	5.0	No	\$2,800,000
		GRAND PROJECT TOTAL				\$606,790,665



**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

<b>Rank</b>	<b>System</b>	<b>Project</b>	<b>Project #</b>	<b>Priority Points</b>	<b>Public Health Impact</b>	<b>Estimated Project Cost</b>
10	Albert Lea	Watermain - Consolidate Stables Area	1240001-1	15.0	No	\$1,354,000
13	Alden	Treatment - Repl Fe/Mn Plant & Well	1240004-2	15.0	No	\$1,935,000
202	Alden	Conservation - Replace Meters	1240004-4	10.0	No	\$105,000
242	Amboy	Watermain - Repl North St., Loop Radke St	1070001-1	7.0	No	\$988,600
255	Atwater	Watermain - Loop North	1340001-5	7.0	No	\$289,000
256	Atwater	Watermain - Loop South	1340001-7	7.0	No	\$180,000
317	Atwater	Watermain - Replace North	1340001-4	5.0	No	\$350,000
266	Audubon	Watermain - Falcon Street Loop	1030001-6	7.0	No	\$98,000
340	Audubon	Storage - Tower Rehab	1030001-5	5.0	No	\$406,000
11	Aurora	Consolidation - E Mesabi Joint Water Sys	1690002-6	15.0	No	\$28,000,000
289	Aurora	Treatment - Renovate Plant	1690002-4	5.0	No	\$155,000
290	Aurora	Storage - Replace Ground Storage	1690002-5	5.0	No	\$310,000
189	Badger	Watermain - Repl Area 1	1680001-4	10.0	No	\$836,000
190	Badger	Watermain - Repl Area 2	1680001-5	10.0	No	\$667,000
191	Badger	Storage - Rehab Tower	1680001-6	10.0	No	\$296,000
313	Badger	Treatment - Repl Plant Piping System	1680001-2	5.0	No	\$102,182
314	Badger	Storage - Replace Riser Pipe	1680001-3	5.0	No	\$38,318
91	Bagley	Watermain - Replace Cast Iron Main	1150001-2	10.0	No	\$474,428
343	Barnesville	Watermain - Replacement - Phase 1	1140001-4	5.0	No	\$2,600,000
138	Barrett	Treatment - Plant Rehab	1260002-4	10.0	No	\$680,800
139	Barrett	Watermain - Replace Various Areas	1260002-5	10.0	No	\$1,348,700
101	Baudette	Storage - Repl w/50,000 Gal East Tower	1390001-3	10.0	No	\$650,000
233	Belle Plaine	Source - Replace Well #1 with #5	1700001-1	10.0	No	\$505,000
360	Belle Plaine	Treatment - RO for Vulnerability	1700001-3	5.0	No	\$1,215,000
315	Benson	Storage - Tower Rehab	1760008-3	5.0	No	\$790,000
223	Big Lake	Source - Additional Well #8	1710002-5	10.0	No	\$1,350,000
20	Bigfork	Source - New Well & Plant Rehab	1310001-6	12.0	No	\$129,489
241	Bird Island	Watermain - SE Loop to Plant	1650001-3	7.0	No	\$547,000
288	Bird Island	Other - Backup Generator	1650001-4	5.0	No	\$158,250
253	Biscay	Source - Backup Well #2	1430001-1	7.0	No	\$42,000
77	Blackduck	Watermain - Repl Summit Ave & Main St. N	1040014-1	10.0	No	\$746,463

**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

<b>Rank</b>	<b>System</b>	<b>Project</b>	<b>Project #</b>	<b>Priority Points</b>	<b>Public Health Impact</b>	<b>Estimated Project Cost</b>
334	Blomkest	Storage - 20,000 Gal Ground Tank	1340002-1	5.0	No	\$431,638
100	Bovey	Watermain - Replace in Business Area	1310003-1	10.0	No	\$658,880
29	Bowlus	Source - Backup Well #3	1490009-1	12.0	No	\$40,880
87	Brainerd	Treatment - Backwash Recovery	1180002-1	10.0	No	\$3,907,000
88	Brainerd	Storage - South 500,000 Gal Tower	1180002-2	10.0	No	\$2,261,000
89	Brainerd	Storage - 2MG Ground Reservoir	1180002-3	10.0	No	\$3,459,000
38	Breckenridge	Treatment - Lime Softening Plant	1840002-1	12.0	No	\$13,584,000
349	Brooklyn Park	Source - Rehab Wellhouses 2, 3, & #11	1270005-3	5.0	No	\$2,500,000
350	Brooklyn Park	Watermain - From Well #11 to WTP	1270005-4	5.0	No	\$1,150,000
351	Brooklyn Park	Watermain - Replace CSAH 103	1270005-5	5.0	No	\$2,000,000
352	Brooklyn Park	Storage - Rehab Towers	1270005-6	5.0	No	\$1,400,000
353	Brooklyn Park	Watermain - SW Replacement	1270005-7	5.0	No	\$1,600,000
8	Brooten	Source - Replace Wells #1 & #2	1730005-5	15.0	No	\$146,500
125	Brooten	Treatment - New Plant, Remove Fe/Mn	1730005-6	10.0	No	\$1,181,700
194	Browerville	Watermain - TH 71 Replacement/Gillis Ave	1770002-4	10.0	No	\$759,600
323	Brownton	Watermain - Replace Various Streets	1430002-4	5.0	No	\$1,992,000
52	Buffalo	Treatment - Repl 1981 Plant add 3 Wells	1860005-4	12.0	No	\$11,200,000
227	Buffalo	Watermain - Replace Southeast	1860005-6	10.0	No	\$2,200,000
226	Burnsville	Treatment - Groundwater Plant Rehab	1190002-2	10.0	No	\$5,507,400
97	Calumet	Watermain - Alley Replacement	1310004-3	10.0	No	\$415,000
98	Calumet	Watermain - Repl 6th Ave/Shipka St.	1310004-4	10.0	No	\$260,000
147	Canby	Watermain - Replacement, Phase 2	1870001-4	10.0	No	\$2,399,389
148	Canby	Watermain - Replacement, Phase 3	1870001-5	10.0	No	\$3,082,911
149	Canby	Treatment - Plant Upgrade, New Well	1870001-6	10.0	No	\$972,000
12	Carlton	Treatment - Replace Plant, New Well	1090003-7	15.0	No	\$2,500,000
303	Carlton	Watermain - Replace for School Ave	1090003-3	5.0	No	\$667,000
365	Carver	Storage - Recoat 100,000 Gal Tower	1100017-3	5.0	No	\$272,000
366	Carver	Treatment - New Skid Plant & New Well #5	1100017-6	5.0	No	\$2,840,000
364	Chanassen	Treatment - West Fe/Mn Plant	1100001-1	5.0	No	\$18,360,000
142	Chisholm	Watermain - Repl for Lakeview Additions	1690007-2	10.0	No	\$1,477,086
140	Clarissa	Watermain - Repl Various Blocks	1770003-5	10.0	No	\$2,716,000

**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

<b>Rank</b>	<b>System</b>	<b>Project</b>	<b>Project #</b>	<b>Priority Points</b>	<b>Public Health Impact</b>	<b>Estimated Project Cost</b>
141	Clarissa	Conservation - Replace Meters	1770003-6	10.0	No	\$108,000
173	Clarkfield	Storage - New Elevated Tank	1870002-4	10.0	No	\$1,410,600
174	Clarkfield	Watermain - Repl Cast Iron Mains	1870002-5	10.0	No	\$1,462,100
175	Clarkfield	Treatment - Plant Rehab	1870002-6	10.0	No	\$2,477,900
251	Cloquet	Treatment - New Mn Plant at Well 8	1090005-2	7.0	No	\$5,583,714
252	Cloquet	Treatment - New Mn Plant at Well 11	1090005-3	7.0	No	\$1,838,200
238	Cold Spring	Source - Replace Wells 4, 5, & 6	1730006-3	8.0	No	\$525,000
265	Cold Spring	Treatment - Nitrate, Fe & Mn Removal	1730006-2	7.0	No	\$3,460,000
335	Cold Spring	Distribution - Raw Water Line from Wells	1730006-4	5.0	No	\$675,000
278	Cologne	Treatment - New Plant, Remove Fe/Mn	1100004-4	7.0	No	\$7,378,500
362	Cologne	Source - Well #1 Rehab	1100004-1	5.0	No	\$24,000
48	Comfrey	Watermain - Looping	1080001-6	12.0	No	\$349,000
214	Comfrey	Watermain - Replace Cast Iron Main	1080001-5	10.0	No	\$1,678,000
215	Comfrey	Conservation - Replace Meters	1080001-7	10.0	No	\$114,000
228	Coon Rapids	Storage - Repl East Tower w/1.5 MG Tower	1020017-1	10.0	No	\$4,075,000
229	Coon Rapids	Storage - Baffle Wall in West Reservoir	1020017-2	10.0	No	\$275,000
328	Cottonwood	Watermain - Repl Cast Iron Mains	1420002-1	5.0	No	\$570,434
54	Courtland	Treatment - Rehab Plant & New Well #5	1520001-4	12.0	No	\$1,660,000
232	Courtland	Storage - Replace w/100,000 Gal Tower	1520001-1	10.0	No	\$1,085,000
62	Cromwell	Watermain - Repl TH 210/TH 73	1090007-7	10.0	No	\$232,000
82	Crosby	Watermain - Phase 2 Improvements	1180008-7	10.0	No	\$750,000
83	Crosby	Watermain - Phase 3 Improvements	1180008-8	10.0	No	\$3,670,000
163	Currie	Watermain - Replace and Loop	1510003-1	10.0	No	\$2,033,000
7	Cuyuna	Source - Repl with Wells #2 & #3/Treat	1180011-4	15.0	No	\$459,300
94	Cuyuna	Storage - Replace with New Tower	1180011-5	10.0	No	\$616,800
95	Cuyuna	Watermain - Replace for City	1180011-6	10.0	No	\$1,273,155
96	Cuyuna	Conservation - Replace Meters	1180011-7	10.0	No	\$55,650
117	Darwin	Watermain - Replace Main	1470002-2	10.0	No	\$922,000
118	Darwin	Conservation - Install Meters	1470002-3	10.0	No	\$140,000
19	Deer River	Treatment - Wellhouse Rehab	1310007-4	12.0	No	\$476,000
57	Deerwood	Storage - Replace w/100,000 Gal Tower	1180012-6	11.0	No	\$923,000

**Minnesota Drinking Water Revolving Loan Fund**
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<b>Rank</b>	<b>System</b>	<b>Project</b>	<b>Project #</b>	<b>Priority Points</b>	<b>Public Health Impact</b>	<b>Estimated Project Cost</b>
84	Deerwood	Watermain - Repl 4 inch Mains, Phase 2	1180012-2	10.0	No	\$275,436
85	Deerwood	Watermain - Repl 4 inch Mains, Phase 3	1180012-4	10.0	No	\$787,000
86	Deerwood	Watermain - Replace Under Hwy 210	1180012-5	10.0	No	\$95,000
135	Detroit Lakes	Watermain - Repl West Ave/Willow St	1030005-3	10.0	No	\$2,681,000
132	Eagle Bend	Watermain - Phase 2 Replacement	1770004-4	10.0	No	\$865,000
133	Eagle Bend	Watermain - Phase 3 Replacement	1770004-5	10.0	No	\$485,000
134	Eagle Bend	Watermain - Phase 4 Replacement	1770004-6	10.0	No	\$215,925
277	Eagle Lake	Treatment - New Plant, Remove Fe/Mn	1070002-2	7.0	No	\$3,500,000
16	Easton	Watermain - Connect to Wells	1220005-5	13.0	No	\$1,690,000
220	Easton	Conservation - Replace Meters	1220005-6	10.0	No	\$45,100
200	Echo	Storage - Replace 50,000 Gal Tower	1870003-3	10.0	No	\$600,000
201	Echo	Watermain - Repl CSAH 20, 3rd & East Sts	1870003-4	10.0	No	\$1,280,000
90	Eden Valley	Watermain - Repl Various Areas	1470012-5	10.0	No	\$613,300
153	Elbow Lake	Watermain - Replace for Division St.	1260003-2	10.0	No	\$690,000
154	Elbow Lake	Treatment - Rehabilitate Plant	1260003-5	10.0	No	\$1,100,000
239	Elbow Lake	Watermain - Replace & Loop 2nd	1260003-7	7.0	No	\$500,000
268	Elgin	Watermain-Rolling Hills Interconnection	1790001-2	7.0	No	\$242,088
114	Ely	Watermain - Repl Various Areas	1690014-3	10.0	No	\$700,000
115	Ely	Watermain - Raw Water Intake/WM Repl	1690014-4	10.0	No	\$2,645,000
116	Ely	Watermain - Water Plant to Tower	1690014-5	10.0	No	\$270,000
363	Empire Township	Treatment - New Plant, Remove Ra, Fe, Mn	1190009-2	5.0	No	\$7,500,000
109	Erskine	Storage - Remove Original Tower	1600005-6	10.0	No	\$58,000
110	Erskine	Watermain - Replace 1947 Lines	1600005-7	10.0	No	\$1,179,150
58	Evansville	Storage - Replace Storage Tank	1210013-9	11.0	No	\$900,000
122	Evansville	Conservation - Meter Upgrade	1210013-10	10.0	No	\$65,000
123	Evansville	Treatment - Plant Rehab	1210013-8	10.0	No	\$1,476,773
127	Eveleth	Watermain - Repl Garfield Street	1690018-7	10.0	No	\$237,794
128	Eveleth	Storage - 750,000 Gal Tower Rehab	1690018-8	10.0	No	\$1,412,172
322	Fairmont	Storage - New 3.0 MG Reservoir	1460003-2	5.0	No	\$2,063,000
28	Fertile	Watermain - Repl & Loop Various Areas	1600008-4	12.0	No	\$2,880,000
212	Foley	Source - New Well #6	1050001-3	10.0	No	\$180,000

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262	Foley	Treatment - New Fe/Mn Plant	1050001-4	7.0	No	\$3,401,000
284	Foley	Storage - New 200,000 Gal Tower	1050001-5	6.0	No	\$1,372,000
333	Foley	Storage - Tower Rehab	1050001-6	5.0	No	\$319,100
172	Frazee	Watermain - Replace Cast Iron Mains	1030014-1	10.0	No	\$676,710
30	Garfield	Treatment - New Plant, Remove Fe/Mn	1210021-1	12.0	No	\$987,527
31	Garfield	Source - New Well	1210021-2	12.0	No	\$121,234
49	Gary	Source - Two New Wells	1540010-1	12.0	No	\$290,400
50	Gary	Treatment - Remove Fe/Mn	1540010-2	12.0	No	\$886,380
51	Gary	Watermain - Looping	1540010-4	12.0	No	\$146,916
61	Gary	Storage - New 50,000 Gal Tower	1540010-3	11.0	No	\$831,600
281	Gaylord	Storage - Repl w/200,000 Gal Tower	1720002-3	6.0	No	\$1,675,765
295	Gaylord	Conservation - Replace Meters	1720002-4	5.0	No	\$275,000
285	Ghent	Storage - New 50,000 Gal Tower	1420004-1	6.0	No	\$660,000
341	Ghent	Conservation - Replace Meters	1420004-2	5.0	No	\$98,000
182	Glenwood	Watermain - Replace Various Areas	1610003-11	10.0	No	\$1,026,134
298	Glenwood	Source - Rehab Well No. 5 & 6 Pumphouses	1610003-7	5.0	No	\$435,200
276	Glyndon	Watermain - Looping Two Areas	1140005-5	7.0	No	\$535,000
361	Glyndon	Watermain - Repl Parke Ave	1140005-6	5.0	No	\$2,179,000
24	Gonvick	Treatment - Plant Rehab	1150005-1	12.0	No	\$275,000
25	Gonvick	Watermain - Repl Various Areas	1150005-2	12.0	No	\$3,243,000
47	Greenbush	Watermain - Repl Area 3 - Old Ridge Rd.	1680002-9	12.0	No	\$456,306
206	Greenbush	Watermain - Repl Along Hwy 7	1680002-5	10.0	No	\$601,957
207	Greenbush	Watermain - Relocation Along Hwy 32	1680002-6	10.0	No	\$155,000
208	Greenbush	Watermain - Repl Area 2 - 5th Street	1680002-8	10.0	No	\$424,033
331	Greenbush	Watermain - Repl Area 1 - Main Street	1680002-7	5.0	No	\$889,206
129	Grove City	Watermain - Replace Cast Iron Main	1470007-3	10.0	No	\$1,851,000
230	Hampton	Watermain - Replace Cast Iron Main	1190010-4	10.0	No	\$643,250
267	Hanley Falls	Watermain - Replace & Loop Main	1870005-4	7.0	No	\$2,699,000
198	Hanska	Source - Replace Well #1 with #4	1080002-1	10.0	No	\$255,000
199	Hanska	Watermain - Repl Transite Main - Phase 2	1080002-6	10.0	No	\$2,335,000
259	Hanska	Treatment - New Plant, Remove Fe/Mn	1080002-2	7.0	No	\$1,352,000

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327	Hanska	Storage - Repl w/100,000 Gal Tower	1080002-3	5.0	No	\$638,000
46	Harris	Watermain - Looping	1130005-5	12.0	No	\$364,320
203	Harris	Storage - Tower Rehab	1130005-4	10.0	No	\$149,900
342	Hawley	Watermain - Replace, Phase 3	1140006-7	5.0	No	\$2,872,000
211	Henderson	Source - New Well #3	1720006-1	10.0	No	\$359,864
160	Herman	Source - New Well #2/Rehab #1	1260005-2	10.0	No	\$200,000
161	Herman	Storage - Replace Elevated Tower	1260005-3	10.0	No	\$750,000
162	Herman	Watermain - Loop and Replace	1260005-4	10.0	No	\$580,000
130	Heron Lake	Other - Connect to Red Rock Rural Water	1320002-2	10.0	No	\$1,715,307
131	Heron Lake	Storage - Replace 100,000 Gal Tower	1320002-3	10.0	No	\$800,000
221	Hitterdal	Storage - New 50,000 Gallon Tower	1140007-3	10.0	No	\$625,000
222	Hitterdal	Conservation - Install Meters	1140007-4	10.0	No	\$75,000
292	Hoffman	Watermain - Replace & Loop	1260006-5	5.0	No	\$770,000
293	Hoffman	Conservation - Meters	1260006-6	5.0	No	\$171,000
304	Hokah	Watermain - Repl STH 44	1280004-1	5.0	No	\$377,400
5	Houston	Treatment - Radium Removal	1280005-2	30.0	Yes	\$2,600,000
177	Houston	Watermain - Ellsworth St. Repair	1280005-3	10.0	No	\$143,780
178	Houston	Watermain - Jackson, Lincoln, Spruce Sts	1280005-4	10.0	No	\$652,500
196	Howard Lake	Conservation - Replace Meters	1860010-7	10.0	No	\$253,000
79	Ironton	Source - Rehabilitate Well #2	1180017-5	10.0	No	\$38,900
80	Ironton	Treatment - Replace Plant	1180017-6	10.0	No	\$1,235,600
81	Ironton	Conservation - Replace Meters	1180017-7	10.0	No	\$114,000
71	Isle	Watermain - Replacement	1480001-5	10.0	No	\$753,100
72	Isle	Source - Improvements	1480001-6	10.0	No	\$307,700
73	Isle	Storage - Tower Rehab	1480001-7	10.0	No	\$294,500
244	Jackson	Watermain - New River Crossing	1320003-4	7.0	No	\$420,000
300	Jackson	Storage - Recondition/Paint East Tower	1320003-1	5.0	No	\$175,000
301	Jackson	Watermain - Replace & Install	1320003-2	5.0	No	\$1,738,700
302	Jackson	Treatment - High Service Pump Imp.	1320003-3	5.0	No	\$454,440
40	Kandiyohi	Treatment - New Fe/Mn Plant & Wells	1340003-3	12.0	No	\$2,084,000
41	Kandiyohi	Watermain - Looping	1340003-5	12.0	No	\$201,600

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59	Kandiyohi	Storage - Repl Tower w/75,000 Gal Tower	1340003-4	11.0	No	\$638,000
144	Kelliher	Storage - Replace 50,000 Gal Tower	1040017-1	10.0	No	\$750,000
145	Kelliher	Watermain - Replace Old Main	1040017-2	10.0	No	\$1,757,000
319	Kennedy	Storage - Tower Rehab	1350003-2	5.0	No	\$362,500
320	Kennedy	Watermain - Replace Various Areas	1350003-3	5.0	No	\$1,282,500
103	Kensington	Source - Repl Well #5	1210017-5	10.0	No	\$181,800
104	Kensington	Treatment - Plant Rehab, Generator	1210017-6	10.0	No	\$611,300
105	Kensington	Storage - Replace w/50,000 Gal Tower	1210017-7	10.0	No	\$967,000
106	Kensington	Watermain - Repl Cast Iron Main	1210017-8	10.0	No	\$579,000
107	Kensington	Conservation - Meter Upgrade	1210017-9	10.0	No	\$148,900
337	Kent	Source - New Pumphouse & Equipment	1840004-1	5.0	No	\$427,000
44	Kerkhoven	Treatment - Remove Fe/Mn/As	1760006-1	12.0	No	\$1,950,000
258	Kerkhoven	Watermain - Loop & Replace	1760006-2	7.0	No	\$1,135,350
347	Lake Crystal	Storage - Rehab Tower	1070006-5	5.0	No	\$400,000
348	Lake Crystal	Storage - Rehab Ground Storage Tank	1070006-6	5.0	No	\$415,000
234	Lake Elmo	Extension - SW Area, Well Contam	1820009-3	10.0	Yes	\$6,075,000
305	Lakefield	Treatment - Add RO/Plant Rehab	1320004-3	5.0	No	\$5,126,600
248	Lamberton	Treatment - New Plant	1640003-10	7.0	No	\$4,382,400
249	Lamberton	Watermain - Looping Project	1640003-13	7.0	No	\$171,600
250	Lamberton	Source - New Well, Rehab Well 1	1640003-9	7.0	No	\$624,400
309	Lamberton	Storage - Ground Storage Rehab	1640003-11	5.0	No	\$184,800
310	Lamberton	Watermain - Replacement Project	1640003-12	5.0	No	\$3,616,800
209	LeRoy	Storage - Repl with 120,000 Gallon Tower	1500009-2	10.0	No	\$811,589
210	LeRoy	Treatment - Rehab Filter	1500009-4	10.0	No	\$373,001
261	LeRoy	Source - Backup Well	1500009-1	7.0	No	\$775,056
332	LeRoy	Watermain - Replace for East County Rd.	1500009-3	5.0	No	\$560,232
344	Lewiston	Conservation - Replace Meters	1850006-5	5.0	No	\$204,000
345	Lewiston	Storage - Tower Rehab	1850006-7	5.0	No	\$436,710
167	Little Falls	Treatment - Phase 1- Filter Rehab	1490002-5	10.0	No	\$1,400,000
168	Little Falls	Treatment - Phase 2 - Reclaim Tank Rehab	1490002-6	10.0	No	\$1,300,000
169	Little Falls	Treatment - Phase 3 - Plant Rehab	1490002-7	10.0	No	\$280,500

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357	Lonsdale	Watermain - Repl Cast Iron Main - Area 5	1660006-2	5.0	No	\$1,752,300
218	Lowry	Storage - New 50,000 Gallon Tower	1610007-4	10.0	No	\$675,583
339	Lowry	Storage - Demolish Tower	1610007-5	5.0	No	\$45,000
240	Madison	Treatment - Plant Rehab	1370004-4	7.0	No	\$1,005,000
355	Madison Lake	Treatment - New Fe/Mn Plant for Well #3	1070007-5	5.0	No	\$705,000
356	Madison Lake	Conservation - Replace Meters	1070007-7	5.0	No	\$110,000
119	Mahnomen	Other - Backup Generators	1440002-10	10.0	No	\$220,500
120	Mahnomen	Watermain - Replace Various Areas	1440002-8	10.0	No	\$5,715,130
121	Mahnomen	Source - Upgrade Well #4	1440002-9	10.0	No	\$208,000
15	Maple Plain	Source - New Well #4 & Test Well	1270021-4	13.0	No	\$585,000
243	Marble	Watermain - Replace and Loop Main	1310023-2	7.0	No	\$397,206
316	Marshall	Treatment - Softening System Improvement	1420006-1	5.0	No	\$9,043,000
67	Menahga	Storage - Repl w/100,000 Gal Tower	1800001-2	10.0	No	\$770,000
68	Menahga	Watermain - Main Street East Repl	1800001-3	10.0	No	\$458,430
69	Menahga	Watermain - First Street NW Repl	1800001-4	10.0	No	\$360,378
204	Minneapolis	Treatment - Fridley Plant Rehab	1270024-11	10.0	No	\$51,000,000
205	Minneapolis	Treatment - Recarb Improvements	1270024-12	10.0	No	\$4,500,000
14	Minnesota Lake	Watermain - Connect to Wells	1220013-1	13.0	No	\$1,560,000
367	Minnetrissa	Storage - New 0.5 MG Tower	1270036-4	5.0	No	\$2,400,000
368	Minnetrissa	Watermain - South/Central Connection	1270036-5	5.0	No	\$2,800,000
17	Montrose	Source - New Well & Wellhouse	1860016-4	13.0	No	\$956,250
224	Montrose	Treatment - Remove Fe/Mn	1860016-5	10.0	No	\$7,000,000
225	Montrose	Storage - Repl Tower w/100,000 Gal Tower	1860016-6	10.0	No	\$680,000
108	Moose Lake	Source - Well #1 Rehab, New Well House	1090009-3	10.0	No	\$1,100,000
43	Morgan	Treatment - Remove Fe/Mn & New Wells	1640006-3	12.0	No	\$2,125,000
192	Morgan	Storage - Tower Rehab	1640006-5	10.0	No	\$407,000
37	Morris	Treatment - New Softening Plant	1750005-2	12.0	No	\$18,381,820
318	Morristown	Treatment - New Plant, Remove Radium	1660007-1	5.0	No	\$1,254,000
45	Mountain Iron	Source - New Well	1690035-3	12.0	No	\$603,800
235	Murdock	Source - Two Replacement Wells	1760007-3	8.0	No	\$186,600
245	Murdock	Treatment - New Fe/Mn Treatment Plant	1760007-4	7.0	No	\$1,690,000



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246	Murdock	Watermain - Replace & Loop	1760007-6	7.0	No	\$376,181
282	Murdock	Storage - New 50,000 Gal Tower	1760007-5	6.0	No	\$715,000
56	Myrtle	Storage - New Hydropneumatic Tank	1240015-2	11.0	No	\$9,800
63	Myrtle	Source - New Pump & Generator	1240015-1	10.0	No	\$58,500
64	Myrtle	Watermain - Replace Mains	1240015-3	10.0	No	\$224,640
195	Nashwauk	Watermain - TH 65 Replacement	1310024-4	10.0	No	\$1,300,000
179	New London	Watermain - Repl Various Blocks	1340005-2	10.0	No	\$575,900
286	New London	Watermain - Repl Various Streets SW & NE	1340005-3	5.0	No	\$1,514,700
237	New Ulm	Source - 11 Wellfield Upgrades	1080003-2	8.0	No	\$2,489,000
260	New Ulm	Source - New Well #28	1080003-3	7.0	No	\$1,159,000
74	Northome	Watermain - Repl Northeast Watermain	1360005-6	10.0	No	\$3,608,718
75	Northome	Storage - Replace w/50,000 Gallon Tower	1360005-7	10.0	No	\$942,500
76	Northome	Conservation-Repl Meters, Service Lines	1360005-8	10.0	No	\$341,250
184	Northrop	Storage - Tower Rehab	1460006-2	10.0	No	\$285,000
70	Ogilvie	Watermain - Repl E.Rutherford/Hill Ave	1330004-3	10.0	No	\$674,220
21	Onamia	Treatment - New Plant	1480003-4	12.0	No	\$2,954,000
22	Onamia	Watermain - Looping	1480003-5	12.0	No	\$396,966
78	Onamia	Storage - Tower Rehab	1480003-6	10.0	No	\$315,000
279	Oronoco	Watermain - Extend SW, Priv Well Cont.	1550036-2	7.0	No	\$1,800,000
146	Osakis	Watermain - Replace Various Blocks	1210020-6	10.0	No	\$735,200
216	Oslo	Watermain - Replace & Looping	1450008-1	10.0	No	\$3,888,000
9	Ostrander	Source - New Well #3, Rehab Well #2	1230008-3	15.0	No	\$1,236,900
136	Ostrander	Storage - New 50,000 Gal Tower	1230008-1	10.0	No	\$758,100
137	Ostrander	Watermain - Repl Cast Iron Mains	1230008-2	10.0	No	\$683,100
294	Paynesville	Distribution - Booster Station	1730018-3	5.0	No	\$630,000
254	Pease	Source - New Well #2	1480017-1	7.0	No	\$180,000
283	Pease	Storage - New 50,000 Gal Tower	1480017-3	6.0	No	\$824,000
311	Pease	Source - Rehab Well #1 & Wellhouse	1480017-2	5.0	No	\$115,000
312	Pease	Watermain - Replace & Loop	1480017-4	5.0	No	\$1,906,000
33	Pelican Rapids	Watermain - Replace & Loop - Phase 2	1560019-4	12.0	No	\$1,904,263
156	Pelican Rapids	Storage - Recoat Water Tower	1560019-3	10.0	No	\$500,000

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157	Pelican Rapids	Watermain - Repl Various Street	1560019-6	10.0	No	\$667,600
217	Pemberton	Source - New Well, Seal Emergency Well	1070015-4	10.0	No	\$220,500
338	Pemberton	Storage - Tower Rehab	1070015-5	5.0	No	\$258,000
280	Pennock	Storage - Repl with 50,000 Gal Tower	1340006-1	6.0	No	\$768,400
213	Perham	Watermain - Replace 2nd Ave SW	1560023-8	10.0	No	\$3,030,000
263	Perham	Watermain - Repl & Loop 3rd St NE	1560023-7	7.0	No	\$2,302,000
26	Pine City	Watermain - Second River Crossing	1580008-3	12.0	No	\$306,800
65	Pine River	Source - Replace Wellhouses 1 & 2	1110019-4	10.0	No	\$860,000
66	Pine River	Storage - Rehab Towers 1 & 2	1110019-5	10.0	No	\$785,000
4	Pipestone	Treatment - New Plant - Gross Alpha/Rad	1590005-3	30.0	Yes	\$15,391,000
155	Pipestone	Storage - Rehab Hosp. & Ind. Park Towers	1590005-5	10.0	No	\$1,524,000
269	Plato	Source - Additional Well #4	1430007-1	7.0	No	\$475,000
270	Plato	Treatment - New Plant, Remove Fe/Mn	1430007-2	7.0	No	\$2,655,375
354	Plato	Storage - Repl w/100,000 Gallon Tower	1430007-3	5.0	No	\$841,000
336	Proctor	Watermain - Replace Various Blocks	1690042-4	5.0	No	\$1,807,404
346	Racine	Storage - New 75,000 Gal Tower	1500012-1	5.0	No	\$800,000
1	Randall	Treatment - Remove Nitrate	1490005-1	40.0	Yes	\$1,390,000
53	Randolph	Source - New Well, Rehab Wellhouse	1190025-1	12.0	No	\$888,000
231	Randolph	Storage - Tower Rehab	1190025-2	10.0	No	\$375,000
176	Raymond	Watermain - Repl Day St./ Emerson Ave.	1340008-1	10.0	No	\$660,000
193	Red Lake Falls	Watermain - Repl Various Areas	1630003-2	10.0	No	\$3,075,000
297	Redwood Falls	Watermain - Ponderosa to N. Redwood	1640008-3	5.0	No	\$750,000
273	Rice	Source - Adtl Well #4	1050002-4	7.0	No	\$80,000
274	Rice	Watermain - Looping	1050002-7	7.0	No	\$300,000
358	Rice	Treatment - Plant Rehab	1050002-5	5.0	No	\$500,000
271	Rice Lake	Watermain - East Calvary Road Loop	1690049-1	7.0	No	\$2,991,379
272	Rice Lake	Watermain - Martin Road Loop	1690049-2	7.0	No	\$1,300,000
330	Richmond	Storage - Recoat 70,000 Gallon Tower	1730022-4	5.0	No	\$92,000
143	Riverton	Watermain - Replace	1180025-4	10.0	No	\$104,000
23	Round Lake	Treatment - Plant Rehab	1530008-1	12.0	No	\$1,024,200
92	Round Lake	Storage - 50,000 Gallon Tower Rehab	1530008-2	10.0	No	\$234,000

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181	Rush City	Watermain - Replace for TH 361	1130013-5	10.0	No	\$1,006,284
164	Rushmore	Watermain - Connection to LPRWS	1530009-4	10.0	No	\$1,375,900
165	Rushmore	Storage - New 50,000 Gal Tower	1530009-5	10.0	No	\$677,000
111	Sacred Heart	Watermain - Replace	1650013-2	10.0	No	\$3,220,000
308	Saint Cloud	Conservation - Rem. Read Meter Upgrade	1730027-7	5.0	No	\$5,215,000
185	Saint James	Watermain - Repl TH 4	1830006-6	10.0	No	\$2,900,000
60	Saint Paul Regional W	Other - Generator W. St. Paul Booster	1620026-19	11.0	No	\$515,000
197	Saint Paul Regional W	Treatment - Repl High Service Pump	1620026-20	10.0	No	\$700,000
34	Sandstone	Source - Upgrade Wells 1 & 2	1580010-3	12.0	No	\$209,000
35	Sandstone	Watermain - Supply Line to Tower	1580010-5	12.0	No	\$145,000
36	Sandstone	Watermain - Looping to Hospital	1580010-6	12.0	No	\$623,140
166	Sandstone	Treatment - Plant Rehab	1580010-4	10.0	No	\$270,000
112	Sebeka	Treatment - New Plant, Remove Iron	1800002-7	10.0	No	\$1,750,000
113	Sebeka	Watermain - Replace, Phase 2	1800002-8	10.0	No	\$975,000
287	Silver Bay	Watermain - Repl at Banks, Rehab P Stat	1380003-9	5.0	No	\$1,212,879
329	Silver Lake	Storage - New 115,000 Gallon Tank	1430008-1	5.0	No	\$598,000
264	South Bend Township	Source - New Well & Transite Main	1070026-5	7.0	No	\$920,300
158	Starbuck	Conservation - Replace Meters	1610008-1	10.0	No	\$312,000
159	Starbuck	Watermain - TH 28, 29 & 114	1610008-2	10.0	No	\$1,028,997
39	Stewart	Watermain - Looping	1430009-6	12.0	No	\$306,065
183	Stewart	Watermain - Replacement	1430009-5	10.0	No	\$1,105,674
299	Stewart	Storage - Repl w/100,000 Gal Tower	1430009-2	5.0	No	\$635,747
6	Tower	Treatment - Plant Improvements	1690051-2	25.0	Yes	\$2,460,000
170	Tracy	Storage - Tower Rehab	1420010-3	10.0	No	\$350,000
171	Tracy	Watermain - Loop and Replace	1420010-4	10.0	No	\$8,000,000
257	Truman	Treatment - Rehab Plants	1460010-5	7.0	No	\$705,800
321	Truman	Storage - Rehab Water Tower	1460010-6	5.0	No	\$519,000
18	Twin Lakes Township	Watermain - Extension to Arsenic Wells	1090018-1	12.5	Yes	\$7,500,000
27	Twin Valley	Treatment - Plant Rehab	1540008-2	12.0	No	\$690,000
2	Verndale	Treatment - Remove Nitrate	1800003-9	35.0	Yes	\$1,800,000
55	Vernon Center	Treatment - New Plant	1070019-1	12.0	No	\$1,950,000

**Minnesota Drinking Water Revolving Loan Fund**
**2018 Project Priority List**

Rank	System	Project	Project #	Priority Points	Public Health Impact	Estimated Project Cost
102	Wadena	Watermain - Replace SW Portion of City	1800004-4	10.0	No	\$4,925,000
324	Waldorf	Treatment - Plant Rehab & Well Valves	1810003-1	5.0	No	\$389,870
325	Waldorf	Storage - Tower Rehab	1810003-2	5.0	No	\$439,840
326	Waldorf	Watermain - Replace with Meters	1810003-3	5.0	No	\$2,080,300
93	Walker	Watermain - Replace on North Side	1110013-7	10.0	No	\$842,000
99	Walnut Grove	Watermain - Replace Old Water Main	1640014-1	10.0	No	\$833,500
188	Waseca	Watermain - Replace Elm Ave	1810004-2	10.0	No	\$2,650,500
296	Watkins	Storage - New 50,000 Gal Tower	1470010-2	5.0	No	\$751,500
150	Waubun	Storage - Repl w/100,000 Gallon Tower	1440004-1	10.0	No	\$635,000
151	Waubun	Watermain - Replacement	1440004-2	10.0	No	\$2,099,000
152	Waubun	Conservation - Install Meters	1440004-3	10.0	No	\$140,000
275	Waverly	Treatment - Wellhouse Rehab	1860019-6	7.0	No	\$340,000
359	Waverly	Watermain - Interconnect	1860019-4	5.0	No	\$1,485,400
126	Welcome	Storage - Repl w/150,000 Gal Tower	1460011-2	10.0	No	\$1,157,700
32	Wells	Treatment - Lime Softening Plant	1220010-2	12.0	No	\$12,000,000
42	Wheaton	Treatment - Plant Rehab	1780004-3	12.0	No	\$1,400,000
186	Wheaton	Storage - Recoat Tower, Add Safety Items	1780004-1	10.0	No	\$500,000
187	Wheaton	Conservation - Replace Meters	1780004-4	10.0	No	\$420,000
3	Winger	Treatment - Remove Fe/As and Wells	1600013-2	30.0	Yes	\$1,734,004
124	Winger	Storage - Replace 50,000 Gal Tower	1600013-3	10.0	No	\$858,000
180	Winnebago	Watermain - Repl Cast Iron Mains	1220011-2	10.0	No	\$2,087,000
219	Winsted	Storage - Tower Rehab	1430010-4	10.0	No	\$800,000
236	Wood Lake	Source - New Well #4, Seal Wells 1 & 2	1870008-1	8.0	No	\$279,000
247	Wood Lake	Treatment - Repl Plant & Equipment	1870008-2	7.0	No	\$1,346,000
306	Wood Lake	Storage - Replace Water Tower	1870008-3	5.0	No	\$982,000
307	Wood Lake	Watermain - Repl Cast Iron & AC Mains	1870008-4	5.0	No	\$3,631,000
291	Wykoff	Watermain - County Road 5	1230013-4	5.0	No	\$297,000
		GRAND PROJECT TOTAL				\$606,790,665