



## **Drinking Water Revolving Fund 2013 Intended Use Plan**

### **I. Introduction**

The federal Safe Drinking Water Act Amendments of 1996 authorized 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 the financial administration of the loan program, including reviewing loan applications, setting the rates, terms and conditions of the loans, and selling revenue bonds to leverage additional loan 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 for administering various set-aside activities authorized under the Act.

The 2013 IUP identifies projects and activities the PFA intends to fund from the DWRF in state fiscal year (FY) 2013 (July 1, 2012 to June 30, 2013). To fund these projects and activities, the PFA will use a combination of funds from federal capitalization grants, state matching funds, 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. 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 2013 PPL contains 341 projects with an estimated cost of \$387 million. The 2013 PPL is attached.

*B. Placement on the IUP*

The Intended Use Plan (IUP) identifies projects on the PPL that are eligible to apply for DWRP loans in FY 2013. 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 DWRP loan within approximately one year from the approval of the 2013 IUP.

Eligibility for placement on the IUP does not guarantee a project will receive a DWRP loan. The PFA may limit the number of projects in the IUP fundable range if it determines that the total requested loans would significantly exceed the projected annual lending capacity of the Fund. 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 DWRP loan can be approved.

The PFA will only accept applications from projects listed on the approved IUP in the fundable range. The MDH will only certify projects on the approved IUP in the fundable range. 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 prior to approval of the following year's IUP will be carried over in the fundable range on the new IUP.

*C. Draft IUP and Public Comment*

In January 2012, a notice was sent to all municipalities in the state with information about the DWRP program, including instructions on how to request placement on the PPL and IUP. Based on the requests received, a draft 2013 IUP was presented to the PFA Board on August 9, 2012. The PFA Board approved the fundable range for the 2013 IUP (see paragraph D below) and authorized the draft IUP to be made available for public comment. On August 23, 2012 the draft 2013 IUP was posted on the PFA website and a notice was sent to all municipalities with projects on the PPL and other interested parties that public comments on the draft 2013 IUP would be accepted through September 14, 2012.

The PFA received a number of comments from local governments requesting that projects be added and information be updated on the 2013 IUP. In addition, MDH made minor corrections to the PPL. Changes to the 2013 IUP as a result of comments received are listed below in Section D.

*D. IUP Project List*

As shown in Table 1 (pp. 11-14), the 2013 IUP is divided into two parts. Part A lists projects from the 2012 IUP fundable range that qualify as carryover projects on the 2013 IUP because they submitted loan applications to the PFA and were certified for funding by the MDH. Part A lists 9 carryover projects totaling \$6.6 million in requested financing.

Part B lists other eligible projects on the 2013 PPL that have requested placement on the 2013 IUP. Because the DWRF has limited funding capacity to meet these needs, the PFA is not able to offer funding to all projects on the PPL. Therefore, the PFA, in consultation with the MDH, has set the IUP fundable range for non-carryover projects at 10 points. Projects with 10 points or more on the 2013 PPL are listed in fundable range and will be allowed to apply for loans. Part B lists 84 projects totaling \$93.6 million in requested financing. An additional 15 projects that requested placement on the 2013 IUP are ranked below the 10 point cutoff. Although these projects are eligible for the IUP, the DWRF does not have sufficient capacity to offer loans to these projects in FY 2013.

The IUP numbers described above include the following changes that were made as a result of comments received during the comment period.

**Changes To 2013 IUP Based On Comments Received**

Project Name	PPL Rank	PPL Points	Project Description	Requested Amount (\$)	Comment/Action Taken
<b><i>PART B: 2013 IUP - Projects In Fundable Range</i></b>					
Gaylord	75	11	Storage - Repl w/200,000 Gal Tower	1,675,765	IUP request rec'd during comment period-added project
Gaylord	157	10	Conservation - Replace Meters	-	City funded project-IUP request rec'd & withdrawn-removed project
New Hope	260	10	Water Main - 2013 Watermain Repl	1,035,000	IUP request rec'd during comment period-added project
Silver Lake	224	10	Storage - New 115,000 Gallon Tank	598,000	IUP request rec'd during comment period-added project
Silver Lake	225	10	Watermain - Replace Grove Ave	351,000	IUP request rec'd during comment period-added project
Silver Lake	226	10	Conservation - Replace Meters	135,500	IUP request rec'd during comment period-added project
Silver Lake	227	10	Other - Hydrant Replacement	187,200	IUP request rec'd during comment period-added project
Tracy	194	10	Storage - Tower Rehab	-	City funded project-IUP request withdrawn-removed project
Tracy	195	10	Watermain - Loop and Replace	616,100	Water Supply Plan Approved -added project

The approved IUP project list reflects these changes and other updates to project costs and requested amounts. The net increase in requested DWRF financing is \$4.59 million.

*E. Possible IUP Amendment*

The PFA may consider amending the 2013 IUP during the fiscal year if additional projects on the 2013 PPL meet the requirements and the PFA determines that the DWRF has the sufficient funding capacity to offer additional loans in FY 2013. To be considered for an IUP amendment, a project must: 1) be ranked with at least 10 points on the PPL; 2) have secured all other necessary funding; and 3) show that it will be ready to proceed with construction before the 2013

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*

Following the PFA's approval of the IUP, municipalities with projects in fundable range on the IUP must submit a loan application to the PFA. In accordance with Minnesota Rules 7380.0260, subpart 1, these municipalities 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 2013 IUP approval date of September 21, 2012, the six month deadline is March 21, 2013.

*G. Loan Terms and Conditions*

Terms and conditions for DWRP loans are determined pursuant to Minnesota Statutes Section 446A.081 and Minnesota Rules Part 7380.0265. Interest rates are set at the time a loan is made according to Minnesota Rules Part 7380.0272. Interest rates are based on the bond yield scale of the PFA's bonds, if PFA bond proceeds are available, or the current bond yield scale from a daily index of tax-exempt municipal bonds, whichever is greater. For loan awards made after the 2013 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 1.25 basis points (.0125%) 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.

*H. Principal Forgiveness*

The PFA expects to receive the 2012 federal drinking water capitalization grant in September 2012 in the amount of \$15,062,000. The 2012 federal appropriation requires that 20 to 30% of the capitalization grant (\$3,012,400 to 4,518,600) be used to provide additional subsidization to eligible projects. The PFA will provide additional subsidization in the form of principal forgiveness, meaning a specific dollar reduction in the amount of loan principal that must be repaid, which is granted at the time a DWRP financing agreement is awarded. Minnesota Statutes, Section 446A.081, Subdivision 9 authorizes the PFA to provide principal forgiveness for the following purposes and project types:

- 1) **Financial Need.** To provide principal forgiveness for projects to address financial needs where 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 4,000,000 or \$15,000 per connection, whichever is less, and not to exceed 80 percent of the total project cost.
- 2) **Green Project Reserve.** To provide principal forgiveness for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities. The principal forgiveness amount is limited to 25 percent of the eligible project cost as determined by the MDH, up to a maximum of \$1,000,000.

Principal forgiveness funds from the 2012 federal capitalization grant will be used to address financial needs for new projects on the 2013 IUP in priority order based on the affordability criteria described above. The 2012 federal capitalization grant does not have a Green Project Reserve (GPR) requirement, therefore the PFA will not will not provide principal forgiveness for new GPR eligible projects on the 2013 IUP.

The PFA has also reserved funds from the 2011 federal grant to provide principal forgiveness to eligible projects from the 2012 IUP that are now listed as carryover projects on the 2013 IUP. From these funds the PFA expects to provide \$2.1 million in principal forgiveness to address financial needs for Darwin (PPL #10), Erskine (#34), Mountain Lake (#48), Stewart (#69), and McIntosh (#84). Because the Stewart project also included GPR eligible costs on the 2012 IUP which were included in the MDH certification, the PFA also expects to provide \$164,026 in GPR principal forgiveness from 2011 federal funds for that project.

### **III. Summary of FY 2012 Project Activity**

A total of 37 municipal drinking water projects on the 2012 PPL totaling \$57.9 million were funded in FY 2012 through the coordinated efforts of the PFA, MDH, Small Cities Development Program, U. S. Army Corps of Engineers and USDA Rural Development. Of these, 24 projects totaling \$51.8 million were financed through the DWRF.

**Drinking Water Projects Funded In FY 2012**

Project Name	PPL Points	Project Description	Project Cost (\$)	Funding Source(s)
Akeley	10	Water Main - Rep1 3 Blocks for Broadway	450,000	SCDP/City
Barnesville	10	Water Main - Repl. for Front St	624,655	DWRF
Benson	13	Treatment - Rehab Plant #2	3,480,225	DWRF/PF/GPR
Cleveland	12	Water Main - Rep1 2nd St/Loop Wash All	595,659	DWRF
Deerwood	10	Water Main - Replace East Line to Tower	450,883	DWRF
Duluth	10	Water Main - Replace Riverside Main	1,605,655	DWRF
Elmore	12	Treatment - Rep1 with Reverse Osmosis	1,442,500	RD
Elmore	11	Storage - Rep1 w/100,000 Gal Tower	632,500	RD
Evansville	10	Water Main - Rep1 for Hwy 1 & 5	473,879	DWRF/PF
Fairfax	10	Storage - Rep1 w/150,000 Gal Tower	820,319	DWRF
Fairfax	10	Conservation - Replace Meters	283,329	DWRF
Fairmont	12	Treatment - Rep1 w/5.4 MGD Plant	33,902,811	DWRF/PF/GPR
Hackensack	20	Treatment - Modify Plant, Remove Arsen	625,925	COE/City
Hackensack	13	Source - Replace Well #3 with #4 & #5	96,300	COE/City
Hackensack	10	Storage - Recondition Tower	64,500	COE/City
Isanti	10	Source - Replace Well House #1	201,698	DWRF
Isanti	10	Water Main - Loop at Bluebird Park	67,089	DWRF
Isanti	10	Conservation - Replace Meters	596,213	DWRF/PF/GPR
Kimball	10	Watermain - Rep1 Elm,Spruce,Oak,Cherry	1,003,023	RD
Lismore	10	Storage - Recondition Tower	197,412	RD
Madison Lake	6	Storage - Rep1 w/200,000 Gal Tower	849,226	DWRF
Olivia	12	Water Main - Looping	316,390	DWRF/PF
Olivia	10	Source - Rep1 Well #5 Pump	38,779	DWRF/PF
Olivia	10	Treatment - Plant Upgrades	730,396	DWRF/PF
Olivia	10	Storage - Recoat Tower	398,897	DWRF/PF
Olivia	10	Water Main - Replace Cast Iron Main	5,073,555	DWRF/PF
Perham	10	Water Main - Replace on Southside	148,475	DWRF
Plainview	5	Water Main - Replace for East Broadway	279,882	DWRF
Plummer	12	Source - Replace Well #2 with #3	121,610	DWRF/PF
Plummer	10	Treatment - Rehab Filtration System	223,500	DWRF/PF
Plummer	10	Storage - Recoat Tower Interior	102,780	DWRF
Waverly	12	Water Main - Loop Maple Ave	371,059	DWRF
Wendell	30	Treatment - New Plant, Arsenic & Iron	807,300	RD
Wendell	12	Source - Rep1 with Two Wells	178,300	RD
Wendell	10	Storage - Rep1 w/50,000 Gal Tower	570,700	RD
Wendell	10	Conservation - Install Meters	76,200	RD
Wendell	10	Water Main - Rep1 Seven Hydrants	56,800	RD
	37	Projects	57,958,424	

DWRF = Drinking Water Revolving Fund loan (PFA)

DWRF/GPR = DWRF financing for green infrastructure project

DWRF/PF = DWRF loan, including principal forgiveness (PFA)

RD = USDA Rural Development

SCDP = Small Cities Development Program (DEED)

COE = U. S. Army Corps of Engineers

#### **IV. Financial Status of the DWRF**

Table 2 (page 15) shows the sources and uses of funds in the DWRF for FY 2012, the total amounts from FY 1998 through FY 2012, and the estimated amounts for FY 2013

The PFA has developed a model to estimate the average annual lending capacity of the DWRF based on the current assets in the Fund and reasonably expected future federal and state funds. Based on that model, the PFA estimates the average DWRF lending capacity to be approximately \$42 million per year in perpetuity. In most years, the PFA has used its bonding authority to leverage available funds to make loans at higher levels.

The PFA received \$114 million in requests for the 2013 IUP, almost three times the average annual, long-term lending capacity of the Fund. Of this total, \$6.6 million is for 9 carryover projects from the 2012 IUP which have already been approved and certified. In order to balance current demand and the need to preserve 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 the 2013 IUP the fundable range will go down to 10 point projects, one point lower than the 11 point cutoff on the 2012 IUP. This puts 84 new projects for \$93.6 million in the 2013 fundable range, including 60 ten point projects for \$61 million that would not have been in the fundable range in 2012.

In total there are 93 fundable projects for \$100.3 million on the 2013 IUP. Based on past experience the PFA expects actual loans in FY 2013 to be approximately \$47 million for projects that will receive the necessary approvals and proceed with construction and loan closing within the fiscal year. The estimated amount for FY 2013 is roughly equal to the average sustainable lending capacity of the Fund after several years of funding projects at a significantly higher level. To make these new loans and fund past project commitments, the PFA estimates it may need to sell bonds later in FY 2013, with specific timing and size of future bond sales to be determined based on project schedules and cash flow needs. In approving the 2013 IUP, the PFA commits to financing all fundable range projects that are able to proceed within the fiscal year.

#### **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 certain non-project activities, up to a maximum of 31%. Except for DWRF administrative costs, which are used to operate the DWRF program, set-aside funds will be used by MDH to enhance existing activities. As requested by MDH, the PFA intends to reserve 26% of the 2013 capitalization grant for set-aside activities as described below. Set-aside funds not used within two years will be returned to the project loan account.

**Set-Asides From FY 2013 Capitalization Grant**

Set-Aside	Maximum Allowable Percentage	Planned Set-Aside Percentage
DWRP Program Administration	4%	4%
Technical Assistance to Small Systems	2%	2%
Public Water Supply Supervision (PWSS)	<i>up to</i>	10%
Capacity Development	<i>10%</i>	0%
Water Operator Certification	<i>for these categories</i>	0%
Wellhead Protection	15%	10%
	31%	26%

**VI. Environmental and Public Health Benefits**

At a minimum, the PFA expects to achieve the following outputs and outcomes through the projects described in the 2013 Intended Use Plan.

1. **Output:** The PFA expects to fund approximately 6 projects to construct or rehabilitate drinking water treatment facilities. The total amount of these loans is expected to be approximately \$11 million.  
**Outcome:** These projects will result in better drinking water for the residents of these communities and, upon completion of the projects, facilities that meet all applicable permits and SDWA requirements.
2. **Output:** The PFA expects to fund approximately 2 projects to construct new drinking water wells. The total amount of these loans is expected to be approximately \$1.1 million.  
**Outcome:** These projects will result in better and more reliable drinking water for the residents of these communities and, upon completion of the projects, facilities that meet all applicable permits and SDWA requirements.
3. **Output:** The PFA expects to fund approximately 16 projects to construct or rehabilitate drinking water transmission and distribution systems. The total amount of these loans is expected to be approximately \$13.6 million.  
**Outcome:** These projects will result in better and more reliable drinking water for the residents of these communities.
4. **Output:** The PFA expects to fund approximately 2 projects to construct or rehabilitate drinking water storage facilities. The total amount of these loans is expected to be approximately \$1.9 million.  
**Outcome:** These projects will result in more reliable drinking water for the residents of these communities.



## **VII. 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, and 3) assist systems in most financial need. A lower program priority is 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. The lowest program priority is to provide loan assistance to maintain systems in a sound condition and in compliance with public water supply standards.

### *Program Goals:*

A. 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.

B. 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.

C. Manage the assets of the Fund in perpetuity so that it is a permanent resource to assist public water systems in the State.

### *Set-Aside Goals:*

D. 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.

E. 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.

F. 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.

## **VIII. 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 will allow the PFA to pass on the best possible interest rates to its borrowers. The revenues from loan repayments in each program are pledged to the bonds for that program and remain in each respective bond fund to the extent required in the bond indenture. After the revenues in each program have been used to make the PFA's debt service payments on the bonds and meet all other payment and coverage requirements under the bond indenture, funds in excess of these requirements may be held as surplus funds. These surplus funds from one program can then 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.

**IX. Tables and Appendix**

Table 1: 2013 Intended Use Plan Project List (pages 11-14)

Table 2: Sources and Uses of Funds (page 15)

Appendix: Minnesota Department of Health 2013 Project Priority List

**X. Websites for Further Information**

Minnesota Public Facilities Authority:

[www.positivelyminnesota.com/pfa](http://www.positivelyminnesota.com/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)

**XI. Questions and Comments**

Questions or comments regarding the 2013 IUP should be directed to:

Becky Sabie  
Minnesota Public Facilities Authority  
1<sup>st</sup> National Bank Building, Suite E200  
332 Minnesota Street  
Saint Paul, Minnesota 55101-1351  
e-mail: [Rebecca.sabie@state.mn.us](mailto:Rebecca.sabie@state.mn.us)

**DWRF 2013 Intended Use Plan**  
**Table 1. Project List**

Approved - 09/21/2012

System Name	MDH 2013 PPL Rank	MDH 2013 PPL Points	Project Description	Project Number	Est. Const Start	Estimated Project Cost (\$)	Requested / Estimated DWRP Financing (\$)	GPR Eligible Cost Identified By Applicant* (\$)
<b>PART A: Carryover Projects From 2012 IUP</b>								
Rushford Village	7	25.0	Source - New Well, Reduce Radium	1230014-1	Jun-12	324,559	324,559	-
Darwin	10	25.0	Treatment - Repl Plant, Remove Arsenic	1470002-1	Jun-12	1,512,500	1,512,500	-
Pelican Rapids	32	12.0	Watermain - Replace & Loop - Phase 1	1560019-2	Jul-12	695,737	695,737	-
Erskine	34	12.0	Treatment - New Plant, Remove Fe/Mn	1600005-5	Mar-13	1,387,340	1,387,340	-
Mountain Lake	48	12.0	Watermain - Loop 6th & 11th Streets	1170003-5	Jul-12	192,200	192,270	-
Newfolden	52	12.0	Watermain - Repl & Loop Cast Iron Main	1450007-1	Jun-12	556,777	556,777	-
Stewart	69	12.0	Watermain - Replace & Loop	1430009-3	Jun-12	704,888	704,888	656,104
Proctor	44	12.0	Water Main - Kirkus St. Loop	1690042-3	Jul-11	750,279	750,279	-
McIntosh	84	10.0	Watermain - Replace Cast Iron Main	1600011-5	May-12	482,157	482,157	-
<b>PART B: 2013 IUP Projects In Fundable Range</b>								
Park Rapids	1	43.0	Treatment - New Fe/Mn Plant, Wells	1290003-6	May-13	2,569,000	2,569,000	-
Stacy	6	30.0	Treatment - Remove Radium	1130016-3	May-13	2,200,000	2,200,000	-
Lewiston	9	25.0	Treatment - New - Remove Ra at Well #4	1850006-4	Aug-13	2,201,000	2,201,000	16,000
Elko New Market	11	25.0	Treatment - New, Remove Ra/Gross Alpha	1700029-2	Mar-13	5,747,000	5,747,000	1,000,000
Oronoco	13	15.5	New System - Phase 2	1550036-3	Nov-12	50,000	50,000	-
Eitzen	14	15.0	Source - Backup Well #4	1280003-1	Jul-13	380,000	380,000	-
Cuyuna	18	15.0	Source - Repl with Wells #2 & #3/Treat	1180011-4	Jul-13	459,300	459,300	-
Rich Prairie Sewer and Water District	26	12.0	Watermain - Install, Loop & Repl Main	1490004-2	Apr-13	851,177	340,000	-
Hanley Falls	27	12.0	Watermain - Replace & Loop Main	1870005-4	May-13	2,699,000	1,420,800	-
Lewisville	28	12.0	Treatment - New Fe/Mn Plant	1830003-1	Aug-13	1,843,200	1,843,200	-
Round Lake	31	12.0	Treatment - Plant Rehab	1530008-1	Sep-13	1,024,200	1,024,200	-
Pelican Rapids	33	12.0	Watermain - Replace & Loop - Phase 2	1560019-4	May-13	1,904,263	1,904,263	-
Graceville	42	12.0	Treatment - Plant Rehab	1060005-1	May-13	80,000	80,000	-
Dassel	45	12.0	Watermain - Repl William & 4th Streets	1470003-7	Jun-13	182,600	182,600	-
Gibbon	47	12.0	Treatment - New Plant	1720004-2	Nov-12	1,524,000	1,524,000	-
Madison	50	12.0	Treatment - Plant Rehab	1370004-4	May-13	1,005,000	1,005,000	-
Wabasha	54	12.0	Source - Additional Well #3	1790013-1	Sep-12	426,025	426,025	-
Hector	55	12.0	Watermain - Looping	1650009-4	May-12	250,000	250,000	-
Hitterdal	58	12.0	Treatment - Plant Rehab	1140007-2	May-13	64,000	64,000	-
Warroad	60	12.0	Treatment - New Plant, Remove Arsenic	1680006-2	Jun-13	3,750,000	3,750,000	-

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**Table 1. Project List**

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Alden	62	12.0	Treatment - Replace Plant, Remove Fe/Mn	1240004-1	May-13	1,500,000	1,500,000	-
Richmond	65	12.0	Watermain - Replace & Looping	1730022-3	Jun-13	739,389	739,389	-
Gaylord	75	11.0	Storage - Repl w/200,000 Gal Tower	1720002-3	May-13	1,675,765	1,675,765	-
Hector	77	11.0	Storage - Repl w/200,000 Gal Tower	1650009-2	May-12	950,000	950,000	-
Evansville	83	10.0	Watermain - Repl Cast Iron Main	1210013-6	Jun-13	2,000,000	2,000,000	-
Eden Valley	85	10.0	Watermain - T.H. 22 Replacement	1470012-4	Jun-13	631,100	631,100	-
Wadena	88	10.0	Watermain - Replace SE Portion of City	1800004-3	Jun-13	3,730,000	3,730,000	371,000
Henning	96	10.0	Watermain - Replace Cast Iron Main	1560016-6	May-13	2,000,000	2,000,000	-
Menahga	110	10.0	Watermain - Main Street East Repl	1800001-3	May-13	458,430	458,430	-
Menahga	111	10.0	Watermain - First Street NW Repl	1800001-4	May-13	360,378	360,378	-
Clarkfield	119	10.0	Storage - Recoat Tower & Rehab Riser	1870002-1	May-13	298,700	298,700	-
Clarkfield	120	10.0	Watermain - Repl for 12th Ave & 9th St	1870002-2	May-13	386,100	386,100	-
Clarkfield	121	10.0	Watermain - Replace for Hwy 59	1870002-3	May-13	265,200	265,200	-
Walker	133	10.0	Watermain - Repl for Michigan Ave	1110013-5	Jun-13	700,000	700,000	-
Walker	134	10.0	Watermain - Replace on South Side	1110013-6	May-13	1,692,000	1,692,000	-
Glenwood	152	10.0	Storage - Repl w/300,000 Gal Ground Tank	1610003-6	May-13	734,000	734,000	-
Graceville	153	10.0	Storage - New 75,000 Gallon Tank	1060005-2	May-13	635,000	635,000	-
Graceville	154	10.0	Conservation - Replace Meters	1060005-3	May-13	131,760	131,760	131,760
Ivanhoe	155	10.0	Watermain - 2013 Watermain Replacement	1410002-1	Jun-13	664,200	664,200	-
Barnum	160	10.0	Watermain - Repl Carl Johnson Dr. Main	1090001-2	May-13	78,200	78,200	-
Eveleth	163	10.0	Watermain - Jones Street Replacement	1690018-5	May-13	345,041	220,041	-
Elbow Lake	167	10.0	Watermain - Replace for Division St.	1260003-2	Jun-13	150,000	150,000	-
Elbow Lake	168	10.0	Watermain - Replace for East Side	1260003-4	Jun-13	2,200,000	2,200,000	-
Elbow Lake	169	10.0	Treatment - Rehabilitate Plant	1260003-5	Oct-13	970,000	970,000	500,000
Karlstad	170	10.0	Watermain - Replace SW Side	1350002-1	Jun-13	1,500,000	1,500,000	-
Karlstad	171	10.0	Conservation - Replace Meters	1350002-2	Jun-13	221,250	221,250	-
Winthrop	172	10.0	Watermain - Replace Various Blocks	1720008-1	Apr-12	950,700	950,700	-
Ortonville	178	10.0	Treatment - Additional Plate Settlers	1060008-2	Jun-13	650,000	650,000	650,000
Ortonville	179	10.0	Watermain - Replace for McCloud St	1060008-3	Jun-13	200,000	200,000	-
Ortonville	180	10.0	Watermain - Replace Cast Iron Main	1060008-4	Jun-13	950,000	950,000	-
Fairmont	190	10.0	Storage - New 3.0 MG Reservoir	1460003-2	May-13	2,063,000	2,063,000	-

**DWRF 2013 Intended Use Plan**  
**Table 1. Project List**

Approved - 09/21/2012

System Name	MDH 2013 PPL Rank	MDH 2013 PPL Points	Project Description	Project Number	Est. Const Start	Estimated Project Cost (\$)	Requested / Estimated DWRF Financing (\$)	GPR Eligible Cost Identified By Applicant* (\$)
Greenbush	191	10.0	Watermain - Repl in 4th & 5th St. Area	1680002-4	Jun-13	727,000	727,000	-
Tracy	195	10.0	Watermain - Loop and Replace	1420010-4	May-13	616,100	616,100	-
Duluth	200	10.0	Water Main - Replace in Hidden Valley	1690011-9	Oct-13	4,620,000	4,620,000	-
Hawley	203	10.0	Watermain - Replace, Phase III	1140006-7	May-13	2,872,000	2,872,000	-
Kandiyohi	204	10.0	Watermain - Replace on North Side	1340003-1	Jun-13	1,812,000	1,812,000	-
Hector	205	10.0	Treatment - Plant Upgrade, RO, SCADA	1650009-1	May-12	2,170,000	2,170,000	-
Hector	206	10.0	Watermain - Repl Cast Iron & Transite	1650009-3	May-12	2,430,000	2,430,000	-
Cosmos	210	10.0	Watermain - Repl for Hwy 4 & CSAH 43	1470011-5	May-13	750,000	750,000	-
Silver Bay	211	10.0	Watermain - Repl at Banks, Rehab P Stat	1380003-9	Jul-13	1,212,879	1,212,879	-
Hitterdal	214	10.0	Storage - New 50,000 Gallon Tower	1140007-3	May-13	644,000	644,000	-
Scanlon	215	10.0	Watermain - Repl Washington Ave.	1090011-4	Jun-13	408,400	408,400	-
Warroad	217	10.0	Source - Adtl Well #8 & Trans Line	1680006-3	Jun-13	1,250,000	1,250,000	-
Warren	218	10.0	Storage - Repl w/ 100,000 Gal Tower	1450012-1	Jun-13	750,000	750,000	-
Warren	219	10.0	Watermain - Replace Areas 1, 2, and 3	1450012-3	Jun-13	275,000	275,000	-
Silver Lake	224	10.0	Storage - New 115,000 Gallon Tank	1430008-1	Mar-13	598,000	598,000	-
Silver Lake	225	10.0	Watermain - Replace Grove Ave	1430008-2	Mar-13	351,000	351,000	-
Silver Lake	226	10.0	Conservation - Replace Meters	1430008-3	Mar-13	135,500	135,500	-
Silver Lake	227	10.0	Other - Hydrant Replacement	1430008-4	Mar-13	187,200	187,200	-
Swanville	228	10.0	Watermain - Repl Rhoda, 5th to Cnty 12	1490007-6	May-13	491,666	491,666	-
Swanville	229	10.0	Watermain - Repl & Instl for 5th St	1490007-7	May-13	316,667	316,667	-
Swanville	230	10.0	Watermain - Repl 3rd St, Berkey - Tower	1490007-8	May-13	291,667	291,667	-
Paynesville	232	10.0	Treatment - Rehab Plant, Remove Fe/Mn	1730018-2	Jun-13	3,155,000	3,155,000	-
Cuyuna	233	10.0	Storage - Replace with New Tower	1180011-5	Jul-13	616,800	616,800	616,800
Cuyuna	234	10.0	Watermain - Replace for City	1180011-6	Jul-13	1,273,155	1,273,155	-
Cuyuna	235	10.0	Conservation - Replace Meters	1180011-7	Jul-13	55,650	55,650	-
Saint Paul Regional Water Services	238	10.0	Other - Lake Oxygenation System	1620026-15	May-13	1,100,000	1,100,000	-
Saint Paul Regional Water Services	239	10.0	Treatment - Addl Filter Press	1620026-16	May-13	2,065,000	2,065,000	-
Saint Paul Regional Water Services	240	10.0	Other - McCarrons Heating System	1620026-17	May-13	1,510,000	1,510,000	-
Richmond	247	10.0	Storage - Recoat 70,000 Gallon Tower	1730022-4	Jun-13	92,000	92,000	-
New Hope	260	10.0	Watermain - 2013 Watermain Repl	1270040-2	Jun-12	1,035,000	1,035,000	-
Saint Paul Park	265	10.0	Storage - Broadway Tower Rehab	1820018-1	Apr-13	1,161,400	1,161,400	-

DWRF 2013 Intended Use Plan  
Table 1. Project List

Approved - 09/21/2012

System Name	MDH 2013 PPL Rank	MDH 2013 PPL Points	Project Description	Project Number	Est. Const Start	Estimated Project Cost (\$)	Requested / Estimated DWRP Financing (\$)	GPR Eligible Cost Identified By Applicant* (\$)	
Big Lake	266	10.0	Source - Additional Well #8	1710002-5	Feb-13	1,200,000	1,200,000	-	
Elko New Market	271	10.0	Source - Additional Well #4	1700029-1	Mar-13	375,000	375,000	-	
<b>2013 IUP Summary</b>						<b>Number of Projects</b>	<b>Estimated Project Cost (\$)</b>	<b>Requested Project Financing (\$)</b>	<b>Estimated GPR Cost</b>
PART A: Carryover Projects From 2012 IUP						9	6,606,437	6,606,507	656,104
PART B: 2013 IUP Projects In Tentative Fundable Range (10+ pts)						<u>84</u>	<u>95,588,062</u>	<u>93,673,685</u>	<u>3,285,560</u>
Total Fundable Projects						93	102,194,499	100,280,192	3,941,664
IUP Requests Below Fundable Range (less than 10 pts)						15	18,759,654	18,298,404	1,766,700
* These applicants have identified possible Green Project Reserve costs in their IUP requests, however the 2012 federal grant does not include GPR requirements and the PFA will not award GPR principal forgiveness to new projects on the 2013 IUP (Part B).									
<b>2013 IUP Requests Below Fundable Range</b>									
Carlos	273	8.0	Source - Two New Wells	1210010-1	Jun-13	114,800	114,800	-	
South Bend Township	276	7.0	Source - Backup Well #2	1070026-3	Apr-13	792,000	792,000	-	
Carlos	279	7.0	Treatment - New Fe/Mn Plant	1210010-2	Jun-13	935,200	935,200	-	
Atwater	280	7.0	Watermain - Loop Minnesota Avenue	1340001-3	May-13	893,750	650,000	-	
Rice Lake Township	293	7.0	Watermain - Martin Road Loop	1690049-2	Jun-13	1,300,000	1,300,000	-	
Cologne	296	7.0	Watermain - Looping	1100004-2	Jul-13	207,000	207,000	-	
Oronoco	299	7.0	Watermain - Extend SW, Priv Well Cont.	1550036-2	May-13	1,800,000	1,800,000	-	
Carlos	307	5.0	Watermain - Repl Victoria/Main/5th St.	1210010-3	Jun-13	362,700	362,700	362,700	
Atwater	308	5.0	Watermain - Replace 4th St. So.	1340001-2	May-13	797,500	580,000	-	
Proctor	310	5.0	Watermain - Replace Various Blocks	1690042-4	Jun-13	1,807,404	1,807,404	-	
Lewiston	322	5.0	Conservation - Replace Meters	1850006-5	May-13	204,000	204,000	204,000	
Lonsdale	327	5.0	Watermain - Repl Cast Iron Main - Area 5	1660006-2	May-13	1,752,300	1,752,300	-	
Cologne	333	5.0	Source - Well #1 Rehab	1100004-1	Jul-13	24,000	24,000	-	
Cologne	334	5.0	Watermain - CSAH 36 Replacement	1100004-3	Jul-13	269,000	269,000	-	
Empire Township	338	5.0	Treatment - New Plant, Remove Ra, Fe, Mn	1190009-2	Mar-13	7,500,000	7,500,000	1,200,000	

**DWRF 2013 Intended Use Plan**  
**Table 2. Sources and Uses of Funds**

**APPROVED - 09/21/2012**

<u>Sources</u>	<u>FY 2012</u>	<u>Totals, FY 1989-2012</u>	<u>Estimated FY 2013</u>
Capitalization:			
Federal Capitalization Grants <sup>(1)</sup>	15,805,000	254,473,500	15,062,000
Federal ARRA Funds	-	24,577,000	-
State Match <sup>(2)</sup>	3,012,400	60,681,858	-
capitalization sub-total	18,817,400	339,732,358	15,062,000
Revenue Bond Proceeds (net)	-	283,601,200	21,000,000
Net Fund Revenues:			
Loan Repayments	32,837,465	219,352,456	35,100,000
Investment Interest	1,092,340	18,165,771	506,000
Federal BABS subsidy	660,745	971,234	660,745
Bond Debt Service	(21,868,563)	(120,663,566)	(21,288,869)
net revenues sub-total	12,721,987	117,825,896	14,977,876
Total Sources	<u>31,539,387</u>	<u>741,159,454</u>	<u>51,039,876</u>
		<u>Totals, FY 1989-2012</u>	<u>Estimated FY 2013</u>
<u>Uses</u>	<u>FY 2012</u>		
Project Binding Commitments: <sup>(3)</sup>			
Loans, non-GPR	32,567,929	628,243,773	41,979,400
Principal Forgiveness, non GPR <sup>(4)</sup>	7,585,227	41,202,029	4,354,600
Green Project Reserve (GPR): <sup>(5)</sup>			
Loans	3,898,661	9,013,725	402,000
Principal Forgiveness	1,247,845	2,952,865	164,000
GPR sub-total	5,146,506	11,966,590	566,000
Project binding commitments total	45,299,663	681,412,392	46,900,000
Reserved for Set-Asides: <sup>(6)</sup>			
DWRF Administration	200,000	8,497,480	602,480
Administer PWSS Program	1,580,500	8,444,584	1,506,200
Capacity Development	-	3,152	-
Operator Certification Program	-	460,417	-
Tech. Assistance to Small Systems	316,100	3,487,839	301,240
Source Water Protection	-	2,104,290	-
Wellhead Protection	1,580,500	17,253,267	1,506,200
Set-asides total	3,677,100	40,251,030	3,916,120
Account balances:			
Debt Service Reserve Requirement per Bond Resolution	(806,500)	11,908,500	(788,500)
Revenue Account and lendable reserves	(16,630,875)	7,587,532	1,012,256
account balances sub-total	(17,437,375)	19,496,032	223,756
Total Uses	<u>31,539,387</u>	<u>741,159,454</u>	<u>51,039,876</u>

Notes:

- (1) The federal capitalization grant shown in FY 2013 is the 2012 grant. The PFA expects to receive the 2012 capitalization grant in September
- (2) State funds in excess of the required match to the cumulative federal grants, including the 2012 grant expected to be received in 2012, have already been deposited to the DWRF and expended on eligible projects. The 2012 federal grant funds will be obligated for a specific set of projects and the State will draw 100% of those funds as eligible costs are incurred for those projects.
- (3) Binding commitments are recorded when both the PFA and the recipient have signed a project assistance agreement, which are processed after a project has been certified by the MDH and as-bid costs are submitted to the PFA.
- (4) Additional subsidization provided in the form of principal forgiveness to non-GPR projects as authorized under federal law and MN Statutes 446A.081, Subdivision 9.
- (5) Financing provided for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities as authorized under federal law and MN Statutes 446A.081, Subdivision 9.
- (6) The FY13 set-aside amounts are based on the following percentages that will be taken from the 2012 federal grant: Admin - 4%, PWSS - 10%, TA - 2%, Wellhead - 10%.

**Minnesota Department of Health  
2013 Project Priority List**

Priority Order: pages 1-6  
Alphabetical Order: pages 7-16





Minnesota Drinking Water Revolving Fund  
2013 Project Priority List

Rank	System	Project	Project #	Priority Points	PHI	Estimated Project Cost
1	Park Rapids	Treatment - New Fe/Mn Plant, Wells	1290003-6	43.0	Yes	\$ 2,569,000
2	Lowry	Source - Adtl Well #4, Arsenic	1610007-2	33.0	Yes	\$ 215,000
3	Herman	Treatment - New Arsenic Removal Plant	1260005-1	30.0	Yes	\$ 497,000
4	Big Falls	Treatment - New Plant, Remove Arsenic	1360001-3	30.0	Yes	\$ 993,750
5	Pipestone	Treatment - New Plant, Remove Radium	1590005-2	30.0	Yes	\$ 4,585,000
6	Stacy	Treatment - Remove Radium	1130016-3	30.0	Yes	\$ 2,200,000
7	Rushford Village	Source - New Well, Reduce Radium	1230014-1	25.0	Yes	\$ 324,559
8	Otisco Cooperative Water Association	Treatment - Treat for Arsenic	1810005-1	25.0	Yes	\$ 50,000
9	Lewiston	Treatment - New - Remove Ra at Well #4	1850006-4	25.0	Yes	\$ 2,201,000
10	Darwin	Treatment - Repl Plant, Remove Arsenic	1470002-1	25.0	Yes	\$ 1,512,500
11	Elko-New Market	Treatment - New, Remove Ra/Gross Alpha	1700029-2	25.0	Yes	\$ 5,747,000
12	New Germany	Treatment - New Plant, Remove Radium	1100007-4	20.0	Yes	\$ 1,500,000
13	Oronoco	New System - Phase 2	1550036-3	15.5	Yes	\$ 50,000
14	Eitzen	Source - Backup Well #4	1280003-1	15.0	No	\$ 380,000
15	Albert Lea	Watermain - Consolidate Stables Area	1240001-1	15.0	No	\$ 980,000
16	Brooten	Source - Replace Wells #1 & #2	1730005-5	15.0	No	\$ 146,500
17	Northrop	Source - Replace Well #4	1460006-1	15.0	No	\$ 100,000
18	Cuyuna	Source - Repl with Wells #2 & #3/Treat	1180011-4	15.0	No	\$ 459,300
19	Royalton	Source - Replace w/Well #3 & Well House	1490006-4	15.0	No	\$ 327,000
20	East Grand Forks	Treatment - New for Stage 2 DBP Rule	1600004-2	15.0	Yes	\$ 7,500,000
21	Erskine	Source - Replace Two Wells	1600005-4	13.0	No	\$ 247,000
22	Walker	Watermain - Intra System Interconnect	1110013-4	13.0	No	\$ 1,500,000
23	Montrose	Source - Repl w/Wells#6,#7, Wellhouse#3	1860016-2	13.0	No	\$ 860,000
24	Cromwell	Watermain - Loop Tower	1090007-6	12.0	No	\$ 269,250
25	Onamia	Treatment - New Plant, Remove Fe/Mn	1480003-3	12.0	No	\$ 890,000
26	Rich Prairie Sewer and Water District	Watermain - Install, Loop & Repl Main	1490004-2	12.0	No	\$ 851,177
27	Hanley Falls	Watermain - Replace & Loop Main	1870005-4	12.0	No	\$ 2,699,000
28	Lewisville	Treatment - New Fe/Mn Plant	1830003-1	12.0	No	\$ 1,843,200
29	Lewisville	Watermain - Looping & Hydrants	1830003-2	12.0	No	\$ 264,400
30	Bigfork	Source - Additional 3rd Well	1310001-1	12.0	No	\$ 190,000
31	Round Lake	Treatment - Plant Rehab	1530008-1	12.0	No	\$ 1,024,200
32	Pelican Rapids	Watermain - Replace & Loop Main	1560019-2	12.0	No	\$ 695,737
33	Pelican Rapids	Watermain - Replace & Loop - Phase 2	1560019-4	12.0	No	\$ 1,904,263
34	Erskine	Treatment - New Plant, Remove Fe/Mn	1600005-5	12.0	No	\$ 1,387,340
35	Little Falls	Watermain - So. Miss. River Crossing	1490002-3	12.0	No	\$ 793,600
36	Little Falls	Watermain - 18th St. NE Loop	1490002-4	12.0	No	\$ 267,300
37	Lamberton	Source - Additional Well	1640003-3	12.0	No	\$ 466,000
38	Trimont	Watermain - 1st Ave & Apple St Loops	1460009-5	12.0	No	\$ 100,000
39	Marble	Watermain - Replace and Loop Main	1310023-2	12.0	No	\$ 397,206
40	Cyrus	Treatment - New Plant, Remove Fe/Mn	1610001-1	12.0	No	\$ 750,000
41	Cyrus	Watermain - Replace 1930's Main & Loop	1610001-2	12.0	No	\$ 750,000
42	Graceville	Treatment - Plant Rehab	1060005-1	12.0	No	\$ 80,000
43	Easton	Source - Backup Well #2	1220005-4	12.0	No	\$ 85,767
44	Proctor	Water Main - Kirkus St. Loop	1690042-3	12.0	No	\$ 750,279
45	Dassel	Watermain - Repl William & 4th Streets	1470003-7	12.0	No	\$ 182,600
46	Freeborn	Treatment - Install Filtration Plant	1240008-1	12.0	No	\$ 1,300,000
47	Gibbon	Treatment - New Plant	1720004-2	12.0	No	\$ 1,524,000
48	Mountain Lake	Watermain - Loop 6th & 11th Streets	1170003-5	12.0	No	\$ 192,200
49	Fertile	Watermain - 2nd St Loop, Repl Jeff	1600008-3	12.0	No	\$ 337,000
50	Madison	Treatment - Plant Rehab	1370004-4	12.0	No	\$ 1,005,000
51	Garfield	Treatment - New Plant, Remove Fe/Mn	1210021-1	12.0	No	\$ 860,460
52	Newfolden	Watermain - Repl & Loop Cast Iron Main	1450007-1	12.0	No	\$ 556,777
53	Taylor Falls	Watermain - Loop to Well Field	1130017-5	12.0	No	\$ 873,600
54	Wabasha	Source - Additional Well #3	1790013-1	12.0	No	\$ 426,025
55	Hector	Watermain - Looping	1650009-4	12.0	No	\$ 250,000
56	LeRoy	Source - Backup Well	1500009-1	12.0	No	\$ 200,000
57	Littlefork	Watermain - Replace in 3 Areas	1360004-4	12.0	No	\$ 500,000
58	Hitterdal	Treatment - Plant Rehab	1140007-2	12.0	No	\$ 64,000
59	Breckenridge	Treatment - Lime Softening Plant	1840002-1	12.0	No	\$ 5,779,000
60	Warroad	Treatment - New Plant, Remove Arsenic	1680006-2	12.0	No	\$ 3,750,000
61	Comfrey	Watermain - Looping	1080001-6	12.0	No	\$ 349,000
62	Alden	Treatment - Replace Plant, Remove Fe/Mn	1240004-1	12.0	No	\$ 1,500,000
63	Bowlus	Source - Backup Well #3	1490009-1	12.0	No	\$ 40,880
64	Saint Paul Regional Water Services	Source - Well Pumps	1620026-9	12.0	No	\$ 800,000
65	Richmond	Watermain - Replace & Looping	1730022-3	12.0	No	\$ 739,389



Minnesota Drinking Water Revolving Fund  
2013 Project Priority List

Rank	System	Project	Project #	Priority Points	PHI	Estimated Project Cost
66	Royalton	Watermain - East Platte River Loop	1490006-5	12.0	No	\$ 237,000
67	LaSalle	Source - Backup Well #2	1830009-1	12.0	No	\$ 60,000
68	Nicollet	Treatment - Replace Fe/Mn Plant	1520004-4	12.0	No	\$ 2,360,000
69	Stewart	Watermain - Replace & Loop	1430009-3	12.0	No	\$ 704,888
70	Baudette	Watermain - 2nd River Crossing	1390001-4	12.0	No	\$ 884,000
71	Newport	Watermain - Interconnect with Woodbury	1820014-1	12.0	No	\$ 800,000
72	Buffalo	Treatment - Repl 1981 Plant add 3 Wells	1860005-4	12.0	No	\$ 11,200,000
73	Center City	Treatment - New Fe/Mn Plant for Well #2	1130001-2	12.0	No	\$ 780,500
74	Welcome	Storage - Repl w/150,000 Gal Tower	1460011-1	11.0	No	\$ 776,900
75	Gaylord	Storage - Repl w/200,000 Gal Tower	1720002-3	11.0	No	\$ 1,675,765
76	Dawson	Storage - Adtl 200,000 Gal Tower	1370003-2	11.0	No	\$ 817,500
77	Hector	Storage - Repl w/200,000 Gal Tower	1650009-2	11.0	No	\$ 950,000
78	Sleepy Eye	Storage - Repl w/500,000 Gal Tower	1080005-3	11.0	No	\$ 1,350,000
79	Watertown	Storage - Repl w/500,000 Gal Tower	1100012-3	11.0	No	\$ 1,249,000
80	Floodwood	Other - Repl Well House, Add Generator	1690048-1	10.0	No	\$ 138,000
81	Kelliher	Storage - Replace 50,000 Gal Tower	1040017-1	10.0	No	\$ 650,000
82	Kelliher	Watermain - Replace Old Main	1040017-2	10.0	No	\$ 1,353,385
83	Evansville	Watermain - Repl Cast Iron Main	1210013-6	10.0	No	\$ 2,000,000
84	McIntosh	Watermain - Replace Cast Iron Main	1600011-5	10.0	No	\$ 482,157
85	Eden Valley	Watermain - T.H. 22 Replacement	1470012-4	10.0	No	\$ 631,100
86	Crosby	Watermain - Replace Various Blocks	1180008-6	10.0	No	\$ 3,870,000
87	Park Rapids	Watermain - Replace for Main St.	1290003-5	10.0	No	\$ 475,000
88	Wadena	Watermain - Replace SE Portion of City	1800004-3	10.0	No	\$ 3,730,000
89	Ironton	Source - Rehabilitate Well #2	1180017-5	10.0	No	\$ 38,900
90	Ironton	Treatment - Replace Plant	1180017-6	10.0	No	\$ 1,225,700
91	Ironton	Conservation - Replace Meters	1180017-7	10.0	No	\$ 114,000
92	Bigfork	Treatment - Rehabilitate Plant	1310001-2	10.0	No	\$ 350,000
93	Bigfork	Storage - Recoat Tower	1310001-3	10.0	No	\$ 60,000
94	Bigfork	Watermain - Repl for Ash & Rajala Mill	1310001-4	10.0	No	\$ 351,000
95	Bigfork	Watermain - Second River Crossing	1310001-5	10.0	No	\$ 130,000
96	Henning	Watermain - Replace Cast Iron Main	1560016-6	10.0	No	\$ 2,000,000
97	Staples	Storage - Recondition 500,000 Gal Tower	1770011-6	10.0	No	\$ 572,000
98	Staples	Watermain - Replace for TH 10	1770011-7	10.0	No	\$ 715,000
99	Deerwood	Watermain - Repl 4 inch Mains, Phase 2	1180012-2	10.0	No	\$ 275,436
100	Deerwood	Watermain - Replace for Cross Drive	1180012-3	10.0	No	\$ 533,086
101	Deerwood	Watermain - Repl 4 inch Mains, Phase 3	1180012-4	10.0	No	\$ 787,000
102	Deerwood	Watermain - Replace Under Hwy 210	1180012-5	10.0	No	\$ 95,000
103	Bagley	Watermain - Replace Cast Iron Main	1150001-2	10.0	No	\$ 1,563,239
104	Verndale	Watermain - Replace for Brown St	1800003-8	10.0	No	\$ 250,000
105	Franklin	Conservation - Install Meters	1650006-5	10.0	No	\$ 120,000
106	Big Falls	Watermain - Replace for 10 Blocks	1360001-2	10.0	No	\$ 590,138
107	Big Falls	Storage - Replace Water Tower	1360001-4	10.0	No	\$ 716,250
108	Round Lake	Storage - 50,000 Gallon Tower Rehab	1530008-2	10.0	No	\$ 234,000
109	Menahga	Storage - Repl w/100,000 Gal Tower	1800001-2	10.0	No	\$ 770,000
110	Menahga	Watermain - Main Street East Repl	1800001-3	10.0	No	\$ 458,430
111	Menahga	Watermain - First Street NW Repl	1800001-4	10.0	No	\$ 360,378
112	Mahnomen	Watermain - Repl Washington & Copper	1440002-6	10.0	No	\$ 1,382,615
113	Mahnomen	Watermain - Repl Jefferson & Railway	1440002-7	10.0	No	\$ 280,781
114	Pelican Rapids	Storage - Recoat Water Tower	1560019-3	10.0	No	\$ 180,000
115	Badger	Treatment - Repl Plant Piping System	1680001-2	10.0	No	\$ 102,182
116	Badger	Storage - Replace Riser Pipe	1680001-3	10.0	No	\$ 38,318
117	Erskine	Storage - Remove Original Tower	1600005-6	10.0	No	\$ 58,000
118	Erskine	Watermain - Replace 1947 Lines	1600005-7	10.0	No	\$ 1,179,150
119	Clarkfield	Storage - Recoat Tower & Rehab Riser	1870002-1	10.0	No	\$ 298,700
120	Clarkfield	Watermain - Repl for 12th Ave & 9th St	1870002-2	10.0	No	\$ 386,100
121	Clarkfield	Watermain - Replace for Hwy 59	1870002-3	10.0	No	\$ 265,200
122	Frazee	Watermain - Replace Cast Iron Mains	1030014-1	10.0	No	\$ 785,000
123	Bovey	Watermain - Replace in Business Area	1310003-1	10.0	No	\$ 658,880
124	Lamberton	Treatment - Repl Plant, Secondary Stds.	1640003-4	10.0	No	\$ 2,815,000
125	Lamberton	Watermain - Replace Cast Iron Main	1640003-5	10.0	No	\$ 1,356,000
126	Lamberton	Source - Rehabilitate Well #1	1640003-6	10.0	No	\$ 45,000
127	Lamberton	Storage - Recoat Tank & Reservoir	1640003-7	10.0	No	\$ 175,000
128	Lamberton	Conservation - Replace Meters	1640003-8	10.0	No	\$ 228,000
129	Trimont	Treatment - Add RO & Clearwell	1460009-2	10.0	No	\$ 1,950,000
130	Trimont	Storage - Repl w/100,000 Gal Tower	1460009-3	10.0	No	\$ 638,000



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Rank	System	Project	Project #	Priority Points	PHI	Estimated Project Cost
131	Trimont	Watermain - Replace 1950s Main	1460009-4	10.0	No	\$ 2,850,000
132	Walnut Grove	Water Main - Replace Old Water Main	1640014-1	10.0	No	\$ 833,500
133	Walker	Watermain - Repl for Michigan Ave	1110013-5	10.0	No	\$ 700,000
134	Walker	Watermain - Replace on South Side	1110013-6	10.0	No	\$ 1,692,000
135	Sebeka	Treatment - New Plant, Remove Iron	1800002-7	10.0	No	\$ 1,200,000
136	Sebeka	Watermain - Replace, Phase 2	1800002-8	10.0	No	\$ 930,000
137	Hartland	Distribution - Replace Hydrants	1240011-2	10.0	No	\$ 52,920
138	Hartland	Treatment - Rehabilitate Well House	1240011-3	10.0	No	\$ 447,851
139	Hartland	Storage - Repl w/50,000 Gal Tower	1240011-4	10.0	No	\$ 535,765
140	Hartland	Source - Replace Well #2 with #3	1240011-5	10.0	No	\$ 98,953
141	Hartland	Watermain - Replace Undersized Main	1240011-6	10.0	No	\$ 950,323
142	Hartland	Conservation - Replace Meters	1240011-7	10.0	No	\$ 108,339
143	Motley	Watermain - Repl Beaulieu/Main St. Area	1490003-1	10.0	No	\$ 208,000
144	Cyrus	Conservation - Install Meters	1610001-3	10.0	No	\$ 83,500
145	Vesta	Source - Ext. from Lincoln-Pipestone RW	1640012-1	10.0	No	\$ 600,300
146	Vesta	Storage - Rehabilitate Tower	1640012-2	10.0	No	\$ 96,200
147	Vesta	Watermain - Replace 4" Cast Iron Mains	1640012-3	10.0	No	\$ 2,169,100
148	Vesta	Conservation - Replace Meters	1640012-4	10.0	No	\$ 59,900
149	Glenwood	Watermain - Repl 1st Av/1st St/3rd Av	1610003-3	10.0	No	\$ 961,000
150	Glenwood	Watermain - Replace for 1st Ave & 4th St	1610003-4	10.0	No	\$ 573,000
151	Glenwood	Watermain - 1st St/4th Av/3rd St/1st Av	1610003-5	10.0	No	\$ 804,000
152	Glenwood	Storage - Repl w/300,000 Gal Ground Tank	1610003-6	10.0	No	\$ 734,000
153	Graceville	Storage - New 75,000 Gallon Tank	1060005-2	10.0	No	\$ 635,000
154	Graceville	Conservation - Replace Meters	1060005-3	10.0	No	\$ 131,760
155	Ivanhoe	Watermain - 2013 Watermain Replacement	1410002-1	10.0	No	\$ 664,200
156	Starbuck	Conservation - Replace Meters	1610008-1	10.0	No	\$ 312,000
157	Gaylord	Conservation - Replace Meters	1720002-4	10.0	No	\$ 275,000
158	Easton	Treatment - Rehabilitate Plant	1220005-3	10.0	No	\$ 172,174
159	Brooten	Treatment - New Plant, Remove Fe/Mn	1730005-6	10.0	No	\$ 1,181,700
160	Barnum	Watermain - Repl Carl Johnson Dr. Main	1090001-2	10.0	No	\$ 78,200
161	Hibbing	Distribution - Rehab So Booster Station	1690022-5	10.0	No	\$ 790,000
162	Eveleth	Watermain - Replace in Priority Areas	1690018-4	10.0	No	\$ 157,607
163	Eveleth	Watermain - Jones Street Replacement	1690018-5	10.0	No	\$ 345,041
164	Pequot Lakes	Watermain - Repl NE of Sibley & Hwy 371	1180019-2	10.0	No	\$ 160,000
165	Pequot Lakes	Watermain - Repl Front St N of Grove St	1180019-3	10.0	No	\$ 270,000
166	Pequot Lakes	Watermain - Loop to Trailside Estates	1180019-4	10.0	No	\$ 150,000
167	Elbow Lake	Watermain - Replace for Division St.	1260003-2	10.0	No	\$ 150,000
168	Elbow Lake	Watermain - Replace for East Side	1260003-4	10.0	No	\$ 2,200,000
169	Elbow Lake	Treatment - Rehabilitate Plant	1260003-5	10.0	No	\$ 970,000
170	Karlstad	Watermain - Replace SW Side	1350002-1	10.0	No	\$ 1,500,000
171	Karlstad	Conservation - Replace Meters	1350002-2	10.0	No	\$ 221,250
172	Winthrop	Watermain - Replace Various Blocks	1720008-1	10.0	No	\$ 950,700
173	Northome	Storage - Recondition Tower	1360005-2	10.0	No	\$ 107,000
174	Rock County Rural Water System	Distribution - Repl Master Meters	1670007-10	10.0	No	\$ 13,861
175	Rock County Rural Water System	Other - Install SCADA System	1670007-6	10.0	No	\$ 83,620
176	Rock County Rural Water System	Other - Emergency Generator	1670007-7	10.0	No	\$ 31,000
177	Rock County Rural Water System	Watermain - Repl in Areas 1, 2, 3, & 4	1670007-9	10.0	No	\$ 301,555
178	Ortonville	Treatment - Additional Plate Settlers	1060008-2	10.0	No	\$ 650,000
179	Ortonville	Watermain - Replace for McCloud St	1060008-3	10.0	No	\$ 200,000
180	Ortonville	Watermain - Replace Cast Iron Main	1060008-4	10.0	No	\$ 950,000
181	Jackson	Storage - Recondition/Paint East Tower	1320003-1	10.0	No	\$ 175,000
182	Jackson	Watermain - Replace & Install	1320003-2	10.0	No	\$ 1,738,700
183	Redwood Falls	Watermain - Repl N. Redwood Main	1640008-2	10.0	No	\$ 335,000
184	Redwood Falls	Watermain - Ponderosa to N. Redwood	1640008-3	10.0	No	\$ 750,000
185	Dawson	Watermain - Replace Main	1370003-3	10.0	No	\$ 5,500,000
186	Freeborn	Watermain - Replace Various Blocks	1240008-2	10.0	No	\$ 1,384,000
187	Two Harbors	Treatment - Phase 2 Renovations	1380005-3	10.0	No	\$ 1,675,000
188	Mountain Lake	Watermain - Replace Cast Iron Main	1170003-3	10.0	No	\$ 3,565,000
189	Carlton	Watermain - Replace for School Ave	1090003-3	10.0	No	\$ 667,000
190	Fairmont	Storage - New 3.0 MG Reservoir	1460003-2	10.0	No	\$ 2,063,000
191	Greenbush	Watermain - Repl in 4th & 5th St. Area	1680002-4	10.0	No	\$ 727,000
192	Lucan	Watermain - Replace Cast Iron Main	1640004-3	10.0	No	\$ 755,600
193	Wheaton	Storage - Recoat Tower, Add Safety Items	1780004-1	10.0	No	\$ 425,000
194	Tracy	Storage - Tower Rehab	1420010-3	10.0	No	\$ 350,000
195	Tracy	Watermain - Loop and Replace	1420010-4	10.0	No	\$ 616,100



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Rank	System	Project	Project #	Priority Points	PHI	Estimated Project Cost
196	Ada	Watermain - Replace for Highway 9	1540001-2	10.0	No	\$ 85,000
197	Rushford	Watermain - Replace for TH 43	1230011-10	10.0	No	\$ 742,060
198	Duluth	Watermain-Parallel Arlington Trans Line	1690011-5	10.0	No	\$ 4,200,000
199	Duluth	Storage - Repl W Duluth Res. Roof	1690011-6	10.0	No	\$ 5,000,000
200	Duluth	Water Main - Replace in Hidden Valley	1690011-9	10.0	No	\$ 4,620,000
201	Morgan	Watermain - Replace Cast Iron Main	1640006-2	10.0	No	\$ 3,861,800
202	LeCenter	Watermain - Replace Cast Iron Main	1400008-5	10.0	No	\$ 7,541,000
203	Hawley	Watermain - Replace, Phase III	1140006-7	10.0	No	\$ 2,872,000
204	Kandiyohi	Watermain - Replace on North Side	1340003-1	10.0	No	\$ 1,812,000
205	Hector	Treatment - Plant Upgrade, RO, SCADA	1650009-1	10.0	No	\$ 2,170,000
206	Hector	Watermain - Repl Cast Iron & Transite	1650009-3	10.0	No	\$ 2,430,000
207	Lyle	Conservation - Install Meters	1500011-2	10.0	No	\$ 84,075
208	LeRoy	Storage - Repl with Used Tank/New Base	1500009-2	10.0	No	\$ 350,000
209	LeRoy	Watermain - Replace for East County Rd.	1500009-3	10.0	No	\$ 560,232
210	Cosmos	Watermain - Repl for Hwy 4 & CSAH 43	1470011-5	10.0	No	\$ 750,000
211	Silver Bay	Watermain - Repl at Banks, Rehab P Stat	1380003-9	10.0	No	\$ 1,212,879
212	Grove City	Watermain - Replace Cast Iron Main	1470007-3	10.0	No	\$ 598,600
213	Rush City	Watermain - Replace for TH 361	1130013-5	10.0	No	\$ 1,006,284
214	Hitterdal	Storage - New 50,000 Gallon Tower	1140007-3	10.0	No	\$ 644,000
215	Scanlon	Watermain - Repl Washington Ave.	1090011-4	10.0	No	\$ 408,400
216	Morristown	Treatment - New Plant, Remove Radium	1660007-1	10.0	No	\$ 1,254,000
217	Warroad	Source - Adtl Well #8 & Trans Line	1680006-3	10.0	No	\$ 1,250,000
218	Warren	Storage - Repl w/ 100,000 Gal Tower	1450012-1	10.0	No	\$ 750,000
219	Warren	Watermain - Replace Areas 1, 2, and 3	1450012-3	10.0	No	\$ 275,000
220	Comfrey	Treatment - Repl Media + Improvements	1080001-3	10.0	No	\$ 199,000
221	Comfrey	Storage - Repl w/60,000 Gal Tower	1080001-4	10.0	No	\$ 597,000
222	Comfrey	Watermain - Replace Cast Iron Main	1080001-5	10.0	No	\$ 1,678,000
223	Comfrey	Conservation - Replace Meters	1080001-7	10.0	No	\$ 114,000
224	Silver Lake	Storage - New 115,000 Gallon Tank	1430008-1	10.0	No	\$ 598,000
225	Silver Lake	Watermain - Replace Grove Ave	1430008-2	10.0	No	\$ 351,000
226	Silver Lake	Conservation - Replace Meters	1430008-3	10.0	No	\$ 135,500
227	Silver Lake	Other - Hydrant Replacement	1430008-4	10.0	No	\$ 187,200
228	Swanville	Watermain - Repl Rhoda, 5th to Cnty 12	1490007-6	10.0	No	\$ 491,666
229	Swanville	Watermain - Repl & Instl for 5th St	1490007-7	10.0	No	\$ 316,667
230	Swanville	Watermain - Repl 3rd St, Berkey - Tower	1490007-8	10.0	No	\$ 291,667
231	Hanska	Source - Replace Well #1 with #4	1080002-1	10.0	No	\$ 255,000
232	Paynesville	Treatment - Rehab Plant, Remove Fe/Mn	1730018-2	10.0	No	\$ 3,155,000
233	Cuyuna	Storage - Replace with New Tower	1180011-5	10.0	No	\$ 616,800
234	Cuyuna	Watermain - Replace for City	1180011-6	10.0	No	\$ 1,273,155
235	Cuyuna	Conservation - Replace Meters	1180011-7	10.0	No	\$ 55,650
236	Aurora	Treatment - Renovate Plant	1690002-4	10.0	No	\$ 155,000
237	Aurora	Storage - Replace Ground Storage	1690002-5	10.0	No	\$ 310,000
238	Saint Paul Regional Water Services	Other - Lake Oxygenation System	1620026-15	10.0	No	\$ 1,100,000
239	Saint Paul Regional Water Services	Treatment - Adtl Filter Press	1620026-16	10.0	No	\$ 2,065,000
240	Saint Paul Regional Water Services	Other - McCarrons Heating System	1620026-17	10.0	No	\$ 1,510,000
241	Pine City	Treatment - Rehabilitate Plant	1580008-1	10.0	No	\$ 2,000,000
242	Pine City	Conservation - Replace Meters	1580008-2	10.0	No	\$ 500,000
243	Minneapolis	Treatment- Fridley Filter/Backwash Rehab	1270024-10	10.0	No	\$ 35,500,000
244	Minneapolis	Treatment - Elec. Equip in 5 Facilities	1270024-7	10.0	No	\$ 3,125,000
245	Minneapolis	Treatment - Rehab Chemical Systems	1270024-8	10.0	No	\$ 6,250,000
246	Minneapolis	Watermain - Replace for Ten Streets	1270024-9	10.0	No	\$ 3,750,000
247	Richmond	Storage - Recoat 70,000 Gallon Tower	1730022-4	10.0	No	\$ 92,000
248	Kasota	Watermain - Loop Depot Neighborhood	1400005-2	10.0	No	\$ 385,530
249	Hopkins	Other - Emergency Generator at WTP	1270016-1	10.0	No	\$ 510,000
250	Royalton	Watermain - Replace Cast Iron Main	1490006-6	10.0	No	\$ 300,000
251	Winsted	Watermain - Replace Cast Iron Main	1430010-3	10.0	No	\$ 1,000,000
252	Nicollet	Watermain - Replace Tower to 3rd St.	1520004-5	10.0	No	\$ 220,000
253	Waltham	Treatment - Rehabilitate Plant	1500016-1	10.0	No	\$ 256,250
254	Waltham	Watermain - Replace for Entire System	1500016-2	10.0	No	\$ 718,750
255	Waterville	Watermain - Replace in Area A	1400015-7	10.0	No	\$ 1,205,000
256	Waterville	Watermain - Replace in Area B	1400015-8	10.0	No	\$ 1,700,000
257	Stewart	Storage - Repl w/100,000 Gal Tower	1430009-2	10.0	No	\$ 635,747
258	Stewart	Conservation - Replace Meters	1430009-4	10.0	No	\$ 94,500
259	Baudette	Storage - Repl w/50,000 Gal East Tower	1390001-3	10.0	No	\$ 650,000
260	New Hope	Watermain - 2013 Watermain Repl	1270040-2	10.0	No	\$ 1,035,000



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Rank	System	Project	Project #	Priority Points	PHI	Estimated Project Cost
261	Fridley	Treatment - Locke Park Backwash Tank	1020031-2	10.0	No	\$ 1,187,954
262	Roseville	Watermain - Repl Churchill, Remove C2	1620013-1	10.0	No	\$ 693,000
263	North Branch	Watermain - 20 Inch Trunk Line	1130011-1	10.0	No	\$ 288,535
264	Buffalo	Watermain - Replace Southeast	1860005-6	10.0	No	\$ 2,200,000
265	Saint Paul Park	Storage - Broadway Tower Rehab	1820018-1	10.0	No	\$ 1,161,400
266	Big Lake	Source - Additional Well #8	1710002-5	10.0	No	\$ 1,200,000
267	Center City	Treatment - New Well House #1	1130001-1	10.0	No	\$ 184,000
268	Center City	Watermain - Repl w/Co Rd 9 Reconstruct	1130001-3	10.0	No	\$ 135,000
269	Maple Plain	Source - Replace Well #2 with #4	1270021-2	10.0	No	\$ 545,000
270	Belle Plaine	Source - Replace Well #1 with #5	1700001-1	10.0	No	\$ 505,000
271	Elko-New Market	Source - Additional Well #4	1700029-1	10.0	No	\$ 375,000
272	Lake Elmo	Extension - SW Area, Well Contam	1820009-3	10.0	Yes	\$ 6,075,000
273	Carlos	Source - Two New Wells	1210010-1	8.0	No	\$ 114,800
274	Hanska	Treatment - New Plant, Remove Fe/Mn	1080002-2	7.0	No	\$ 1,352,000
275	Hanska	Watermain - One Loop	1080002-5	7.0	No	\$ 107,000
276	South Bend Township	Source - Backup Well #2	1070026-3	7.0	No	\$ 792,000
277	White Township	Watermain - Relocate & Loop	1690001-2	7.0	No	\$ 339,600
278	Stockton	Watermain - Interconnect Devel & MHP	1850020-4	7.0	No	\$ 185,000
279	Carlos	Treatment - New Fe/Mn Plant	1210010-2	7.0	No	\$ 935,200
280	Atwater	Watermain - Loop Minnesota Avenue	1340001-3	7.0	No	\$ 893,750
281	Plato	Source - Additional Well #4	1430007-1	7.0	No	\$ 475,000
282	Plato	Treatment - New Plant, Remove Fe/Mn	1430007-2	7.0	No	\$ 2,655,375
283	Elgin	Watermain-Rolling Hills Interconnection	1790001-2	7.0	No	\$ 242,088
284	LeSueur	Source - Repl Well #2 with One Well	1400010-3	7.0	No	\$ 1,150,000
285	Biscay	Source - Backup Well #2	1430001-1	7.0	No	\$ 42,000
286	Madison Lake	Watermain - Repl 4th & 5th, Loop 227th	1070007-6	7.0	No	\$ 450,000
287	Rice	Watermain - Loop East Side	1050002-3	7.0	No	\$ 205,398
288	Eagle Lake	Treatment - New Plant, Remove Fe/Mn	1070002-2	7.0	No	\$ 3,500,000
289	Saint Martin	Source - Replace Well #2 with #4	1730035-2	7.0	No	\$ 128,526
290	Saint Martin	Treatment - New Plant, Remove Fe/Mn	1730035-3	7.0	No	\$ 731,149
291	Courtland	Treatment - Add Fe/Mn Filter	1520001-3	7.0	No	\$ 1,415,000
292	Rice Lake Township	Watermain - East Calvary Road Loop	1690049-1	7.0	No	\$ 1,000,000
293	Rice Lake Township	Watermain - Martin Road Loop	1690049-2	7.0	No	\$ 1,300,000
294	Saint Augusta	Source - Two New Wells	1730063-2	7.0	No	\$ 359,000
295	Becker	Source - Additional Well #7	1710008-1	7.0	No	\$ 639,000
296	Cologne	Watermain - Looping	1100004-2	7.0	No	\$ 207,000
297	Hugo	Source - Additional Well #6	1820007-1	7.0	No	\$ 1,322,750
298	Ramsey	Watermain - Alpine Park Loop	1020035-2	7.0	No	\$ 315,250
299	Oronoco	Watermain - Extend SW, Priv Well Cont.	1550036-2	7.0	No	\$ 1,800,000
300	Lino Lakes	Source - Additional Well #6	1020023-1	7.0	No	\$ 1,080,000
301	Lino Lakes	Watermain - Lake Drive Trunk Loop	1020023-2	7.0	No	\$ 650,000
302	Lake Elmo	Source - Backup Well #4	1820009-1	7.0	No	\$ 1,520,000
303	Lake Elmo	Watermain - Keats Ave Trunk Loop	1820009-2	7.0	No	\$ 1,200,000
304	Saint Augusta	Storage - New 150,000 Gal Tower	1730063-4	6.0	No	\$ 1,237,000
305	Hanska	Storage - Repl w/100,000 Gal Tower	1080002-3	5.0	No	\$ 638,000
306	Hanska	Watermain - Replace Transite Main	1080002-4	5.0	No	\$ 3,258,000
307	Carlos	Watermain - Repl Victoria/Main/5th St.	1210010-3	5.0	No	\$ 362,700
308	Atwater	Watermain - Replace 4th St. So.	1340001-2	5.0	No	\$ 797,500
309	Plato	Storage - Repl w/100,000 Gallon Tower	1430007-3	5.0	No	\$ 841,000
310	Proctor	Watermain - Replace Various Blocks	1690042-4	5.0	No	\$ 1,807,404
311	LeSueur	Watermain - Replace for 2nd Street	1400010-4	5.0	No	\$ 950,000
312	Blomkest	Storage - 20,000 Gal Ground Tank	1340002-1	5.0	No	\$ 431,638
313	Madison Lake	Treatment - New Fe/Mn Plant for Well #3	1070007-5	5.0	No	\$ 500,000
314	Madison Lake	Conservation - Replace Meters	1070007-7	5.0	No	\$ 100,000
315	Rice	Storage - Recoat Tower	1050002-2	5.0	No	\$ 50,000
316	Hutchinson	Conservation - Replace Meters	1430004-3	5.0	No	\$ 620,500
317	Glyndon	Storage - Repl w/50,000 Gal Tower	1140005-4	5.0	No	\$ 620,000
318	North Mankato	Source - Additional Well #9 & Meter Bldg	1520005-1	5.0	No	\$ 1,209,796
319	Saint Martin	Storage - Rehabilitate Tower	1730035-4	5.0	No	\$ 52,338
320	Saint Martin	Conservation - Install Meters	1730035-6	5.0	No	\$ 143,594
321	Saint Martin	Distribution - Replace Curb Stops	1730035-7	5.0	No	\$ 53,680
322	Lewiston	Conservation - Replace Meters	1850006-5	5.0	No	\$ 204,000
323	Courtland	Storage - Replace w/100,000 Gal Tower	1520001-1	5.0	No	\$ 520,000
324	Maple Plain	Storage - Recoat Tower	1270021-3	5.0	No	\$ 341,000
325	Hampton	Watermain - Replace Cast Iron Main	1190010-4	5.0	No	\$ 643,250



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Rank	System	Project	Project #	Priority Points	PHI	Estimated Project Cost
326	Inver Grove Heights	Storage - Replace Asher Ave Tower	1190014-1	5.0	No	\$ 2,000,000
327	Lonsdale	Watermain - Repl Cast Iron Main - Area 5	1660006-2	5.0	No	\$ 1,752,300
328	Saint Augusta	Treatment - New Plant, Remove Fe/Mn	1730063-3	5.0	No	\$ 5,482,000
329	Belle Plaine	Treatment - RO for Vulnerability	1700001-3	5.0	No	\$ 1,215,000
330	Darwin	Watermain - Replace Main	1470002-2	5.0	No	\$ 937,000
331	Darwin	Conservation - Install Meters	1470002-3	5.0	No	\$ 125,000
332	Chaska	Conservation - Replace Meters	1100002-1	5.0	No	\$ 1,425,553
333	Cologne	Source - Well #1 Rehab	1100004-1	5.0	No	\$ 24,000
334	Cologne	Watermain - CSAH 36 Replacement	1100004-3	5.0	No	\$ 269,000
335	Ramsey	Conservation - Replace Meters	1020035-3	5.0	No	\$ 650,000
336	Ramsey	Other - Reconfigure SCADA System	1020035-4	5.0	No	\$ 16,000
337	Ramsey	Other - Well #3 Emergency Generator	1020035-5	5.0	No	\$ 95,000
338	Empire Township	Treatment - New Plant, Remove Ra, Fe, Mn	1190009-2	5.0	No	\$ 7,500,000
339	White Bear Township	Watermain - Repl 12 Inch Trunk Line	1620025-1	5.0	No	\$ 251,574
340	Carver	Storage - Recoat 100,000 Gal Tower	1100017-3	5.0	No	\$ 272,000
		GRAND PROJECT TOTAL				\$ 384,919,670



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System	Rank	Project	Project #	Priority Points	PHI	Estimated Project Cost
Ada	196	Watermain - Replace for Highway 9	1540001-2	10.0	No	\$ 85,000
Albert Lea	15	Watermain - Consolidate Stables Area	1240001-1	15.0	No	\$ 980,000
Alden	62	Treatment - Replace Plant, Remove Fe/Mn	1240004-1	12.0	No	\$ 1,500,000
Atwater	280	Watermain - Loop Minnesota Avenue	1340001-3	7.0	No	\$ 893,750
Atwater	308	Watermain - Replace 4th St. So.	1340001-2	5.0	No	\$ 797,500
Aurora	236	Treatment - Renovate Plant	1690002-4	10.0	No	\$ 155,000
Aurora	237	Storage - Replace Ground Storage	1690002-5	10.0	No	\$ 310,000
Badger	115	Treatment - Repl Plant Piping System	1680001-2	10.0	No	\$ 102,182
Badger	116	Storage - Replace Riser Pipe	1680001-3	10.0	No	\$ 38,318
Bagley	103	Watermain - Replace Cast Iron Main	1150001-2	10.0	No	\$ 1,563,239
Barnum	160	Watermain - Repl Carl Johnson Dr. Main	1090001-2	10.0	No	\$ 78,200
Baudette	70	Watermain - 2nd River Crossing	1390001-4	12.0	No	\$ 884,000
Baudette	259	Storage - Repl w/50,000 Gal East Tower	1390001-3	10.0	No	\$ 650,000
Becker	295	Source - Additional Well #7	1710008-1	7.0	No	\$ 639,000
Belle Plaine	270	Source - Replace Well #1 with #5	1700001-1	10.0	No	\$ 505,000
Belle Plaine	329	Treatment - RO for Vulnerability	1700001-3	5.0	No	\$ 1,215,000
Big Falls	4	Treatment - New Plant, Remove Arsenic	1360001-3	30.0	Yes	\$ 993,750
Big Falls	106	Watermain - Replace for 10 Blocks	1360001-2	10.0	No	\$ 590,138
Big Falls	107	Storage - Replace Water Tower	1360001-4	10.0	No	\$ 716,250
Big Lake	266	Source - Additional Well #8	1710002-5	10.0	No	\$ 1,200,000
Bigfork	30	Source - Additional 3rd Well	1310001-1	12.0	No	\$ 190,000
Bigfork	92	Treatment - Rehabilitate Plant	1310001-2	10.0	No	\$ 350,000
Bigfork	93	Storage - Recoat Tower	1310001-3	10.0	No	\$ 60,000
Bigfork	94	Watermain - Repl for Ash & Rajala Mill	1310001-4	10.0	No	\$ 351,000
Bigfork	95	Watermain - Second River Crossing	1310001-5	10.0	No	\$ 130,000
Biscay	285	Source - Backup Well #2	1430001-1	7.0	No	\$ 42,000
Blomkest	312	Storage - 20,000 Gal Ground Tank	1340002-1	5.0	No	\$ 431,638
Bovey	123	Watermain - Replace in Business Area	1310003-1	10.0	No	\$ 658,880
Bowlus	63	Source - Backup Well #3	1490009-1	12.0	No	\$ 40,880
Breckenridge	59	Treatment - Lime Softening Plant	1840002-1	12.0	No	\$ 5,779,000
Brooten	16	Source - Replace Wells #1 & #2	1730005-5	15.0	No	\$ 146,500
Brooten	159	Treatment - New Plant, Remove Fe/Mn	1730005-6	10.0	No	\$ 1,181,700
Buffalo	72	Treatment - Repl 1981 Plant add 3 Wells	1860005-4	12.0	No	\$ 11,200,000
Buffalo	264	Watermain - Replace Southeast	1860005-6	10.0	No	\$ 2,200,000
Carlos	273	Source - Two New Wells	1210010-1	8.0	No	\$ 114,800
Carlos	279	Treatment - New Fe/Mn Plant	1210010-2	7.0	No	\$ 935,200
Carlos	307	Watermain - Repl Victoria/Main/5th St.	1210010-3	5.0	No	\$ 362,700



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System	Rank	Project	Project #	Priority Points	PHI	Estimated Project Cost
Carlton	189	Watermain - Replace for School Ave	1090003-3	10.0	No	\$ 667,000
Carver	340	Storage - Recoat 100,000 Gal Tower	1100017-3	5.0	No	\$ 272,000
Center City	73	Treatment - New Fe/Mn Plant for Well #2	1130001-2	12.0	No	\$ 780,500
Center City	267	Treatment - New Well House #1	1130001-1	10.0	No	\$ 184,000
Center City	268	Watermain - Repl w/Co Rd 9 Reconstruct	1130001-3	10.0	No	\$ 135,000
Chaska	332	Conservation - Replace Meters	1100002-1	5.0	No	\$ 1,425,553
Clarkfield	119	Storage - Recoat Tower & Rehab Riser	1870002-1	10.0	No	\$ 298,700
Clarkfield	120	Watermain - Repl for 12th Ave & 9th St	1870002-2	10.0	No	\$ 386,100
Clarkfield	121	Watermain - Replace for Hwy 59	1870002-3	10.0	No	\$ 265,200
Cologne	296	Watermain - Looping	1100004-2	7.0	No	\$ 207,000
Cologne	333	Source - Well #1 Rehab	1100004-1	5.0	No	\$ 24,000
Cologne	334	Watermain - CSAH 36 Replacement	1100004-3	5.0	No	\$ 269,000
Comfrey	61	Watermain - Looping	1080001-6	12.0	No	\$ 349,000
Comfrey	220	Treatment - Repl Media + Improvements	1080001-3	10.0	No	\$ 199,000
Comfrey	221	Storage - Repl w/60,000 Gal Tower	1080001-4	10.0	No	\$ 597,000
Comfrey	222	Watermain - Replace Cast Iron Main	1080001-5	10.0	No	\$ 1,678,000
Comfrey	223	Conservation - Replace Meters	1080001-7	10.0	No	\$ 114,000
Cosmos	210	Watermain - Repl for Hwy 4 & CSAH 43	1470011-5	10.0	No	\$ 750,000
Courtland	291	Treatment - Add Fe/Mn Filter	1520001-3	7.0	No	\$ 1,415,000
Courtland	323	Storage - Replace w/100,000 Gal Tower	1520001-1	5.0	No	\$ 520,000
Cromwell	24	Watermain - Loop Tower	1090007-6	12.0	No	\$ 269,250
Crosby	86	Watermain - Replace Various Blocks	1180008-6	10.0	No	\$ 3,870,000
Cuyuna	18	Source - Repl with Wells #2 & #3/Treat	1180011-4	15.0	No	\$ 459,300
Cuyuna	233	Storage - Replace with New Tower	1180011-5	10.0	No	\$ 616,800
Cuyuna	234	Watermain - Replace for City	1180011-6	10.0	No	\$ 1,273,155
Cuyuna	235	Conservation - Replace Meters	1180011-7	10.0	No	\$ 55,650
Cyrus	40	Treatment - New Plant, Remove Fe/Mn	1610001-1	12.0	No	\$ 750,000
Cyrus	41	Watermain - Replace 1930's Main & Loop	1610001-2	12.0	No	\$ 750,000
Cyrus	144	Conservation - Install Meters	1610001-3	10.0	No	\$ 83,500
Darwin	10	Treatment - Repl Plant, Remove Arsenic	1470002-1	25.0	Yes	\$ 1,512,500
Darwin	330	Watermain - Replace Main	1470002-2	5.0	No	\$ 937,000
Darwin	331	Conservation - Install Meters	1470002-3	5.0	No	\$ 125,000
Dassel	45	Watermain - Repl William & 4th Streets	1470003-7	12.0	No	\$ 182,600
Dawson	76	Storage - Adtl 200,000 Gal Tower	1370003-2	11.0	No	\$ 817,500
Dawson	185	Watermain - Replace Main	1370003-3	10.0	No	\$ 5,500,000
Deerwood	99	Watermain - Repl 4 inch Mains, Phase 2	1180012-2	10.0	No	\$ 275,436
Deerwood	100	Watermain - Replace for Cross Drive	1180012-3	10.0	No	\$ 533,086





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Deerwood	101	Watermain - Repl 4 inch Mains, Phase 3	1180012-4	10.0	No	\$ 787,000
Deerwood	102	Watermain - Replace Under Hwy 210	1180012-5	10.0	No	\$ 95,000
Duluth	198	Watermain-Parallel Arlington Trans Line	1690011-5	10.0	No	\$ 4,200,000
Duluth	199	Storage - Repl W Duluth Res. Roof	1690011-6	10.0	No	\$ 5,000,000
Duluth	200	Water Main - Replace in Hidden Valley	1690011-9	10.0	No	\$ 4,620,000
Eagle Lake	288	Treatment - New Plant, Remove Fe/Mn	1070002-2	7.0	No	\$ 3,500,000
East Grand Forks	20	Treatment - New for Stage 2 DBP Rule	1600004-2	15.0	Yes	\$ 7,500,000
Easton	43	Source - Backup Well #2	1220005-4	12.0	No	\$ 85,767
Easton	158	Treatment - Rehabilitate Plant	1220005-3	10.0	No	\$ 172,174
Eden Valley	85	Watermain - T.H. 22 Replacement	1470012-4	10.0	No	\$ 631,100
Eitzen	14	Source - Backup Well #4	1280003-1	15.0	No	\$ 380,000
Elbow Lake	167	Watermain - Replace for Division St.	1260003-2	10.0	No	\$ 150,000
Elbow Lake	168	Watermain - Replace for East Side	1260003-4	10.0	No	\$ 2,200,000
Elbow Lake	169	Treatment - Rehabilitate Plant	1260003-5	10.0	No	\$ 970,000
Elgin	283	Watermain-Rolling Hills Interconnection	1790001-2	7.0	No	\$ 242,088
Elko-New Market	11	Treatment - New, Remove Ra/Gross Alpha	1700029-2	25.0	Yes	\$ 5,747,000
Elko-New Market	271	Source - Additional Well #4	1700029-1	10.0	No	\$ 375,000
Empire Township	338	Treatment - New Plant, Remove Ra, Fe, Mn	1190009-2	5.0	No	\$ 7,500,000
Erskine	21	Source - Replace Two Wells	1600005-4	13.0	No	\$ 247,000
Erskine	34	Treatment - New Plant, Remove Fe/Mn	1600005-5	12.0	No	\$ 1,387,340
Erskine	117	Storage - Remove Original Tower	1600005-6	10.0	No	\$ 58,000
Erskine	118	Watermain - Replace 1947 Lines	1600005-7	10.0	No	\$ 1,179,150
Evansville	83	Watermain - Repl Cast Iron Main	1210013-6	10.0	No	\$ 2,000,000
Eveleth	162	Watermain - Replace in Priority Areas	1690018-4	10.0	No	\$ 157,607
Eveleth	163	Watermain - Jones Street Replacement	1690018-5	10.0	No	\$ 345,041
Fairmont	190	Storage - New 3.0 MG Reservoir	1460003-2	10.0	No	\$ 2,063,000
Fertile	49	Watermain - 2nd St Loop, Repl Jeff	1600008-3	12.0	No	\$ 337,000
Floodwood	80	Other - Repl Well House, Add Generator	1690048-1	10.0	No	\$ 138,000
Franklin	105	Conservation - Install Meters	1650006-5	10.0	No	\$ 120,000
Frazee	122	Watermain - Replace Cast Iron Mains	1030014-1	10.0	No	\$ 785,000
Freeborn	46	Treatment - Install Filtration Plant	1240008-1	12.0	No	\$ 1,300,000
Freeborn	186	Watermain - Replace Various Blocks	1240008-2	10.0	No	\$ 1,384,000
Fridley	261	Treatment - Locke Park Backwash Tank	1020031-2	10.0	No	\$ 1,187,954
Garfield	51	Treatment - New Plant, Remove Fe/Mn	1210021-1	12.0	No	\$ 860,460
Gaylord	75	Storage - Repl w/200,000 Gal Tower	1720002-3	11.0	No	\$ 1,675,765
Gaylord	157	Conservation - Replace Meters	1720002-4	10.0	No	\$ 275,000
Gibbon	47	Treatment - New Plant	1720004-2	12.0	No	\$ 1,524,000



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System	Rank	Project	Project #	Priority Points	PHI	Estimated Project Cost
Glenwood	149	Watermain - Repl 1st Av/1st St/3rd Av	1610003-3	10.0	No	\$ 961,000
Glenwood	150	Watermain - Replace for 1st Ave & 4th St	1610003-4	10.0	No	\$ 573,000
Glenwood	151	Watermain - 1st St/4th Av/3rd St/1st Av	1610003-5	10.0	No	\$ 804,000
Glenwood	152	Storage - Repl w/300,000 Gal Ground Tank	1610003-6	10.0	No	\$ 734,000
Glyndon	317	Storage - Repl w/50,000 Gal Tower	1140005-4	5.0	No	\$ 620,000
Graceville	42	Treatment - Plant Rehab	1060005-1	12.0	No	\$ 80,000
Graceville	153	Storage - New 75,000 Gallon Tank	1060005-2	10.0	No	\$ 635,000
Graceville	154	Conservation - Replace Meters	1060005-3	10.0	No	\$ 131,760
Greenbush	191	Watermain - Repl in 4th & 5th St. Area	1680002-4	10.0	No	\$ 727,000
Grove City	212	Watermain - Replace Cast Iron Main	1470007-3	10.0	No	\$ 598,600
Hampton	325	Watermain - Replace Cast Iron Main	1190010-4	5.0	No	\$ 643,250
Hanley Falls	27	Watermain - Replace & Loop Main	1870005-4	12.0	No	\$ 2,699,000
Hanska	231	Source - Replace Well #1 with #4	1080002-1	10.0	No	\$ 255,000
Hanska	274	Treatment - New Plant, Remove Fe/Mn	1080002-2	7.0	No	\$ 1,352,000
Hanska	275	Watermain - One Loop	1080002-5	7.0	No	\$ 107,000
Hanska	305	Storage - Repl w/100,000 Gal Tower	1080002-3	5.0	No	\$ 638,000
Hanska	306	Watermain - Replace Transite Main	1080002-4	5.0	No	\$ 3,258,000
Hartland	137	Distribution - Replace Hydrants	1240011-2	10.0	No	\$ 52,920
Hartland	138	Treatment - Rehabilitate Well House	1240011-3	10.0	No	\$ 447,851
Hartland	139	Storage - Repl w/50,000 Gal Tower	1240011-4	10.0	No	\$ 535,765
Hartland	140	Source - Replace Well #2 with #3	1240011-5	10.0	No	\$ 98,953
Hartland	141	Watermain - Replace Undersized Main	1240011-6	10.0	No	\$ 950,323
Hartland	142	Conservation - Replace Meters	1240011-7	10.0	No	\$ 108,339
Hawley	203	Watermain - Replace, Phase III	1140006-7	10.0	No	\$ 2,872,000
Hector	55	Watermain - Looping	1650009-4	12.0	No	\$ 250,000
Hector	77	Storage - Repl w/200,000 Gal Tower	1650009-2	11.0	No	\$ 950,000
Hector	205	Treatment - Plant Upgrade, RO, SCADA	1650009-1	10.0	No	\$ 2,170,000
Hector	206	Watermain - Repl Cast Iron & Transite	1650009-3	10.0	No	\$ 2,430,000
Henning	96	Watermain - Replace Cast Iron Main	1560016-6	10.0	No	\$ 2,000,000
Herman	3	Treatment - New Arsenic Removal Plant	1260005-1	30.0	Yes	\$ 497,000
Hibbing	161	Distribution - Rehab So Booster Station	1690022-5	10.0	No	\$ 790,000
Hitterdal	58	Treatment - Plant Rehab	1140007-2	12.0	No	\$ 64,000
Hitterdal	214	Storage - New 50,000 Gallon Tower	1140007-3	10.0	No	\$ 644,000
Hopkins	249	Other - Emergency Generator at WTP	1270016-1	10.0	No	\$ 510,000
Hugo	297	Source - Additional Well #6	1820007-1	7.0	No	\$ 1,322,750
Hutchinson	316	Conservation - Replace Meters	1430004-3	5.0	No	\$ 620,500
Inver Grove Heights	326	Storage - Replace Asher Ave Tower	1190014-1	5.0	No	\$ 2,000,000



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System	Rank	Project	Project #	Priority Points	PHI	Estimated Project Cost
Ironton	89	Source - Rehabilitate Well #2	1180017-5	10.0	No	\$ 38,900
Ironton	90	Treatment - Replace Plant	1180017-6	10.0	No	\$ 1,225,700
Ironton	91	Conservation - Replace Meters	1180017-7	10.0	No	\$ 114,000
Ivanhoe	155	Watermain - 2013 Watermain Replacement	1410002-1	10.0	No	\$ 664,200
Jackson	181	Storage - Recondition/Paint East Tower	1320003-1	10.0	No	\$ 175,000
Jackson	182	Watermain - Replace & Install	1320003-2	10.0	No	\$ 1,738,700
Kandiyohi	204	Watermain - Replace on North Side	1340003-1	10.0	No	\$ 1,812,000
Karlstad	170	Watermain - Replace SW Side	1350002-1	10.0	No	\$ 1,500,000
Karlstad	171	Conservation - Replace Meters	1350002-2	10.0	No	\$ 221,250
Kasota	248	Watermain - Loop Depot Neighborhood	1400005-2	10.0	No	\$ 385,530
Kelliher	81	Storage - Replace 50,000 Gal Tower	1040017-1	10.0	No	\$ 650,000
Kelliher	82	Watermain - Replace Old Main	1040017-2	10.0	No	\$ 1,353,385
Lake Elmo	272	Extension - SW Area, Well Contam	1820009-3	10.0	Yes	\$ 6,075,000
Lake Elmo	302	Source - Backup Well #4	1820009-1	7.0	No	\$ 1,520,000
Lake Elmo	303	Watermain - Keats Ave Trunk Loop	1820009-2	7.0	No	\$ 1,200,000
Lamberton	37	Source - Additional Well	1640003-3	12.0	No	\$ 466,000
Lamberton	124	Treatment - Repl Plant, Secondary Stds.	1640003-4	10.0	No	\$ 2,815,000
Lamberton	125	Watermain - Replace Cast Iron Main	1640003-5	10.0	No	\$ 1,356,000
Lamberton	126	Source - Rehabilitate Well #1	1640003-6	10.0	No	\$ 45,000
Lamberton	127	Storage - Recoat Tank & Reservoir	1640003-7	10.0	No	\$ 175,000
Lamberton	128	Conservation - Replace Meters	1640003-8	10.0	No	\$ 228,000
LaSalle	67	Source - Backup Well #2	1830009-1	12.0	No	\$ 60,000
LeCenter	202	Watermain - Replace Cast Iron Main	1400008-5	10.0	No	\$ 7,541,000
LeRoy	56	Source - Backup Well	1500009-1	12.0	No	\$ 200,000
LeRoy	208	Storage - Repl with Used Tank/New Base	1500009-2	10.0	No	\$ 350,000
LeRoy	209	Watermain - Replace for East County Rd.	1500009-3	10.0	No	\$ 560,232
LeSueur	284	Source - Repl Well #2 with One Well	1400010-3	7.0	No	\$ 1,150,000
LeSueur	311	Watermain - Replace for 2nd Street	1400010-4	5.0	No	\$ 950,000
Lewiston	9	Treatment - New - Remove Ra at Well #4	1850006-4	25.0	Yes	\$ 2,201,000
Lewiston	322	Conservation - Replace Meters	1850006-5	5.0	No	\$ 204,000
Lewisville	28	Treatment - New Fe/Mn Plant	1830003-1	12.0	No	\$ 1,843,200
Lewisville	29	Watermain - Looping & Hydrants	1830003-2	12.0	No	\$ 264,400
Lino Lakes	300	Source - Additional Well #6	1020023-1	7.0	No	\$ 1,080,000
Lino Lakes	301	Watermain - Lake Drive Trunk Loop	1020023-2	7.0	No	\$ 650,000
Little Falls	35	Watermain - So. Miss. River Crossing	1490002-3	12.0	No	\$ 793,600
Little Falls	36	Watermain - 18th St. NE Loop	1490002-4	12.0	No	\$ 267,300
Littlefork	57	Watermain - Replace in 3 Areas	1360004-4	12.0	No	\$ 500,000



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System	Rank	Project	Project #	Priority Points	PHI	Estimated Project Cost
Lonsdale	327	Watermain - Repl Cast Iron Main - Area 5	1660006-2	5.0	No	\$ 1,752,300
Lowry	2	Source - Adtl Well #4, Arsenic	1610007-2	33.0	Yes	\$ 215,000
Lucan	192	Watermain - Replace Cast Iron Main	1640004-3	10.0	No	\$ 755,600
Lyle	207	Conservation - Install Meters	1500011-2	10.0	No	\$ 84,075
Madison	50	Treatment - Plant Rehab	1370004-4	12.0	No	\$ 1,005,000
Madison Lake	286	Watermain - Repl 4th & 5th, Loop 227th	1070007-6	7.0	No	\$ 450,000
Madison Lake	313	Treatment - New Fe/Mn Plant for Well #3	1070007-5	5.0	No	\$ 500,000
Madison Lake	314	Conservation - Replace Meters	1070007-7	5.0	No	\$ 100,000
Mahnomen	112	Watermain - Repl Washington & Copper	1440002-6	10.0	No	\$ 1,382,615
Mahnomen	113	Watermain - Repl Jefferson & Railway	1440002-7	10.0	No	\$ 280,781
Maple Plain	269	Source - Replace Well #2 with #4	1270021-2	10.0	No	\$ 545,000
Maple Plain	324	Storage - Recoat Tower	1270021-3	5.0	No	\$ 341,000
Marble	39	Watermain - Replace and Loop Main	1310023-2	12.0	No	\$ 397,206
McIntosh	84	Watermain - Replace Cast Iron Main	1600011-5	10.0	No	\$ 482,157
Menahga	109	Storage - Repl w/100,000 Gal Tower	1800001-2	10.0	No	\$ 770,000
Menahga	110	Watermain - Main Street East Repl	1800001-3	10.0	No	\$ 458,430
Menahga	111	Watermain - First Street NW Repl	1800001-4	10.0	No	\$ 360,378
Minneapolis	243	Treatment- Fridley Filter/Backwash Rehab	1270024-10	10.0	No	\$ 35,500,000
Minneapolis	244	Treatment - Elec. Equip in 5 Facilities	1270024-7	10.0	No	\$ 3,125,000
Minneapolis	245	Treatment - Rehab Chemical Systems	1270024-8	10.0	No	\$ 6,250,000
Minneapolis	246	Watermain - Replace for Ten Streets	1270024-9	10.0	No	\$ 3,750,000
Montrose	23	Source - Repl w/Wells#6,#7, Wellhouse#3	1860016-2	13.0	No	\$ 860,000
Morgan	201	Watermain - Replace Cast Iron Main	1640006-2	10.0	No	\$ 3,861,800
Morristown	216	Treatment - New Plant, Remove Radium	1660007-1	10.0	No	\$ 1,254,000
Motley	143	Watermain - Repl Beaulieu/Main St. Area	1490003-1	10.0	No	\$ 208,000
Mountain Lake	48	Watermain - Loop 6th & 11th Streets	1170003-5	12.0	No	\$ 192,200
Mountain Lake	188	Watermain - Replace Cast Iron Main	1170003-3	10.0	No	\$ 3,565,000
New Germany	12	Treatment - New Plant, Remove Radium	1100007-4	20.0	Yes	\$ 1,500,000
New Hope	260	Watermain - 2013 Watermain Repl	1270040-2	10.0	No	\$ 1,035,000
Newfolden	52	Watermain - Repl & Loop Cast Iron Main	1450007-1	12.0	No	\$ 556,777
Newport	71	Watermain - Interconnect with Woodbury	1820014-1	12.0	No	\$ 800,000
Nicollet	68	Treatment - Replace Fe/Mn Plant	1520004-4	12.0	No	\$ 2,360,000
Nicollet	252	Watermain - Replace Tower to 3rd St.	1520004-5	10.0	No	\$ 220,000
North Branch	263	Watermain - 20 Inch Trunk Line	1130011-1	10.0	No	\$ 288,535
North Mankato	318	Source - Additional Well #9 & Meter Bldg	1520005-1	5.0	No	\$ 1,209,796
Northome	173	Storage - Recondition Tower	1360005-2	10.0	No	\$ 107,000
Northrop	17	Source - Replace Well #4	1460006-1	15.0	No	\$ 100,000



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System	Rank	Project	Project #	Priority Points	PHI	Estimated Project Cost
Onamia	25	Treatment - New Plant, Remove Fe/Mn	1480003-3	12.0	No	\$ 890,000
Oronoco	13	New System - Phase 2	1550036-3	15.5	Yes	\$ 50,000
Oronoco	299	Watermain - Extend SW, Priv Well Cont.	1550036-2	7.0	No	\$ 1,800,000
Ortonville	178	Treatment - Additional Plate Settlers	1060008-2	10.0	No	\$ 650,000
Ortonville	179	Watermain - Replace for McCloud St	1060008-3	10.0	No	\$ 200,000
Ortonville	180	Watermain - Replace Cast Iron Main	1060008-4	10.0	No	\$ 950,000
Otisco Cooperative Water Association	8	Treatment - Treat for Arsenic	1810005-1	25.0	Yes	\$ 50,000
Park Rapids	1	Treatment - New Fe/Mn Plant, Wells	1290003-6	43.0	Yes	\$ 2,569,000
Park Rapids	87	Watermain - Replace for Main St.	1290003-5	10.0	No	\$ 475,000
Paynesville	232	Treatment - Rehab Plant, Remove Fe/Mn	1730018-2	10.0	No	\$ 3,155,000
Pelican Rapids	32	Watermain - Replace & Loop Main	1560019-2	12.0	No	\$ 695,737
Pelican Rapids	33	Watermain - Replace & Loop - Phase 2	1560019-4	12.0	No	\$ 1,904,263
Pelican Rapids	114	Storage - Recoat Water Tower	1560019-3	10.0	No	\$ 180,000
Pequot Lakes	164	Watermain - Repl NE of Sibley & Hwy 371	1180019-2	10.0	No	\$ 160,000
Pequot Lakes	165	Watermain - Repl Front St N of Grove St	1180019-3	10.0	No	\$ 270,000
Pequot Lakes	166	Watermain - Loop to Trailside Estates	1180019-4	10.0	No	\$ 150,000
Pine City	241	Treatment - Rehabilitate Plant	1580008-1	10.0	No	\$ 2,000,000
Pine City	242	Conservation - Replace Meters	1580008-2	10.0	No	\$ 500,000
Pipestone	5	Treatment - New Plant, Remove Radium	1590005-2	30.0	Yes	\$ 4,585,000
Plato	281	Source - Additional Well #4	1430007-1	7.0	No	\$ 475,000
Plato	282	Treatment - New Plant, Remove Fe/Mn	1430007-2	7.0	No	\$ 2,655,375
Plato	309	Storage - Repl w/100,000 Gallon Tower	1430007-3	5.0	No	\$ 841,000
Proctor	44	Water Main - Kirkus St. Loop	1690042-3	12.0	No	\$ 750,279
Proctor	310	Watermain - Replace Various Blocks	1690042-4	5.0	No	\$ 1,807,404
Ramsey	298	Watermain - Alpine Park Loop	1020035-2	7.0	No	\$ 315,250
Ramsey	335	Conservation - Replace Meters	1020035-3	5.0	No	\$ 650,000
Ramsey	336	Other - Reconfigure SCADA System	1020035-4	5.0	No	\$ 16,000
Ramsey	337	Other - Well #3 Emergency Generator	1020035-5	5.0	No	\$ 95,000
Redwood Falls	183	Watermain - Repl N. Redwood Main	1640008-2	10.0	No	\$ 335,000
Redwood Falls	184	Watermain - Ponderosa to N. Redwood	1640008-3	10.0	No	\$ 750,000
Rice	287	Watermain - Loop East Side	1050002-3	7.0	No	\$ 205,398
Rice	315	Storage - Recoat Tower	1050002-2	5.0	No	\$ 50,000
Rice Lake Township	292	Watermain - East Calvary Road Loop	1690049-1	7.0	No	\$ 1,000,000
Rice Lake Township	293	Watermain - Martin Road Loop	1690049-2	7.0	No	\$ 1,300,000
Rich Prairie Sewer and Water District	26	Watermain - Install, Loop & Repl Main	1490004-2	12.0	No	\$ 851,177
Richmond	65	Watermain - Replace & Looping	1730022-3	12.0	No	\$ 739,389
Richmond	247	Storage - Recoat 70,000 Gallon Tower	1730022-4	10.0	No	\$ 92,000



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System	Rank	Project	Project #	Priority Points	PHI	Estimated Project Cost
Rock County Rural Water System	174	Distribution - Repl Master Meters	1670007-10	10.0	No	\$ 13,861
Rock County Rural Water System	175	Other - Install SCADA System	1670007-6	10.0	No	\$ 83,620
Rock County Rural Water System	176	Other - Emergency Generator	1670007-7	10.0	No	\$ 31,000
Rock County Rural Water System	177	Watermain - Repl in Areas 1, 2, 3, & 4	1670007-9	10.0	No	\$ 301,555
Roseville	262	Watermain - Repl Churchill, Remove C2	1620013-1	10.0	No	\$ 693,000
Round Lake	31	Treatment - Plant Rehab	1530008-1	12.0	No	\$ 1,024,200
Round Lake	108	Storage - 50,000 Gallon Tower Rehab	1530008-2	10.0	No	\$ 234,000
Royalton	19	Source - Replace w/Well #3 & Well House	1490006-4	15.0	No	\$ 327,000
Royalton	66	Watermain - East Platte River Loop	1490006-5	12.0	No	\$ 237,000
Royalton	250	Watermain - Replace Cast Iron Main	1490006-6	10.0	No	\$ 300,000
Rush City	213	Watermain - Replace for TH 361	1130013-5	10.0	No	\$ 1,006,284
Rushford	197	Watermain - Replace for TH 43	1230011-10	10.0	No	\$ 742,060
Rushford Village	7	Source - New Well, Reduce Radium	1230014-1	25.0	Yes	\$ 324,559
Saint Augusta	294	Source - Two New Wells	1730063-2	7.0	No	\$ 359,000
Saint Augusta	304	Storage - New 150,000 Gal Tower	1730063-4	6.0	No	\$ 1,237,000
Saint Augusta	328	Treatment - New Plant, Remove Fe/Mn	1730063-3	5.0	No	\$ 5,482,000
Saint Martin	289	Source - Replace Well #2 with #4	1730035-2	7.0	No	\$ 128,526
Saint Martin	290	Treatment - New Plant, Remove Fe/Mn	1730035-3	7.0	No	\$ 731,149
Saint Martin	319	Storage - Rehabilitate Tower	1730035-4	5.0	No	\$ 52,338
Saint Martin	320	Conservation - Install Meters	1730035-6	5.0	No	\$ 143,594
Saint Martin	321	Distribution - Replace Curb Stops	1730035-7	5.0	No	\$ 53,680
Saint Paul Park	265	Storage - Broadway Tower Rehab	1820018-1	10.0	No	\$ 1,161,400
Saint Paul Regional Water Services	64	Source - Well Pumps	1620026-9	12.0	No	\$ 800,000
Saint Paul Regional Water Services	238	Other - Lake Oxygenation System	1620026-15	10.0	No	\$ 1,100,000
Saint Paul Regional Water Services	239	Treatment - Addl Filter Press	1620026-16	10.0	No	\$ 2,065,000
Saint Paul Regional Water Services	240	Other - McCarrons Heating System	1620026-17	10.0	No	\$ 1,510,000
Scanlon	215	Watermain - Repl Washington Ave.	1090011-4	10.0	No	\$ 408,400
Sebeka	135	Treatment - New Plant, Remove Iron	1800002-7	10.0	No	\$ 1,200,000
Sebeka	136	Watermain - Replace, Phase 2	1800002-8	10.0	No	\$ 930,000
Silver Bay	211	Watermain - Repl at Banks, Rehab P Stat	1380003-9	10.0	No	\$ 1,212,879
Silver Lake	224	Storage - New 115,000 Gallon Tank	1430008-1	10.0	No	\$ 598,000
Silver Lake	225	Watermain - Replace Grove Ave	1430008-2	10.0	No	\$ 351,000
Silver Lake	226	Conservation - Replace Meters	1430008-3	10.0	No	\$ 135,500
Silver Lake	227	Other - Hydrant Replacement	1430008-4	10.0	No	\$ 187,200
Sleepy Eye	78	Storage - Repl w/500,000 Gal Tower	1080005-3	11.0	No	\$ 1,350,000
South Bend Township	276	Source - Backup Well #2	1070026-3	7.0	No	\$ 792,000
Stacy	6	Treatment - Remove Radium	1130016-3	30.0	Yes	\$ 2,200,000



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Staples	97	Storage - Recondition 500,000 Gal Tower	1770011-6	10.0	No	\$ 572,000
Staples	98	Watermain - Replace for TH 10	1770011-7	10.0	No	\$ 715,000
Starbuck	156	Conservation - Replace Meters	1610008-1	10.0	No	\$ 312,000
Stewart	69	Watermain - Replace & Loop	1430009-3	12.0	No	\$ 704,888
Stewart	257	Storage - Repl w/100,000 Gal Tower	1430009-2	10.0	No	\$ 635,747
Stewart	258	Conservation - Replace Meters	1430009-4	10.0	No	\$ 94,500
Stockton	278	Watermain - Interconnect Devel & MHP	1850020-4	7.0	No	\$ 185,000
Swanville	228	Watermain - Repl Rhoda, 5th to Cnty 12	1490007-6	10.0	No	\$ 491,666
Swanville	229	Watermain - Repl & Instl for 5th St	1490007-7	10.0	No	\$ 316,667
Swanville	230	Watermain - Repl 3rd St, Berkey - Tower	1490007-8	10.0	No	\$ 291,667
Taylor's Falls	53	Watermain - Loop to Well Field	1130017-5	12.0	No	\$ 873,600
Tracy	194	Storage - Tower Rehab	1420010-3	10.0	No	\$ 350,000
Tracy	195	Watermain - Loop and Replace	1420010-4	10.0	No	\$ 616,100
Trimont	38	Watermain - 1st Ave & Apple St Loops	1460009-5	12.0	No	\$ 100,000
Trimont	129	Treatment - Add RO & Clearwell	1460009-2	10.0	No	\$ 1,950,000
Trimont	130	Storage - Repl w/100,000 Gal Tower	1460009-3	10.0	No	\$ 638,000
Trimont	131	Watermain - Replace 1950s Main	1460009-4	10.0	No	\$ 2,850,000
Two Harbors	187	Treatment - Phase 2 Renovations	1380005-3	10.0	No	\$ 1,675,000
Verndale	104	Watermain - Replace for Brown St	1800003-8	10.0	No	\$ 250,000
Vesta	145	Source - Ext. from Lincoln-Pipestone RW	1640012-1	10.0	No	\$ 600,300
Vesta	146	Storage - Rehabilitate Tower	1640012-2	10.0	No	\$ 96,200
Vesta	147	Watermain - Replace 4" Cast Iron Mains	1640012-3	10.0	No	\$ 2,169,100
Vesta	148	Conservation - Replace Meters	1640012-4	10.0	No	\$ 59,900
Wabasha	54	Source - Additional Well #3	1790013-1	12.0	No	\$ 426,025
Wadena	88	Watermain - Replace SE Portion of City	1800004-3	10.0	No	\$ 3,730,000
Walker	22	Watermain - Intra System Interconnect	1110013-4	13.0	No	\$ 1,500,000
Walker	133	Watermain - Repl for Michigan Ave	1110013-5	10.0	No	\$ 700,000
Walker	134	Watermain - Replace on South Side	1110013-6	10.0	No	\$ 1,692,000
Walnut Grove	132	Water Main - Replace Old Water Main	1640014-1	10.0	No	\$ 833,500
Waltham	253	Treatment - Rehabilitate Plant	1500016-1	10.0	No	\$ 256,250
Waltham	254	Watermain - Replace for Entire System	1500016-2	10.0	No	\$ 718,750
Warren	218	Storage - Repl w/ 100,000 Gal Tower	1450012-1	10.0	No	\$ 750,000
Warren	219	Watermain - Replace Areas 1, 2, and 3	1450012-3	10.0	No	\$ 275,000
Warroad	60	Treatment - New Plant, Remove Arsenic	1680006-2	12.0	No	\$ 3,750,000
Warroad	217	Source - Adtl Well #8 & Trans Line	1680006-3	10.0	No	\$ 1,250,000
Watertown	79	Storage - Repl w/500,000 Gal Tower	1100012-3	11.0	No	\$ 1,249,000
Waterville	255	Watermain - Replace in Area A	1400015-7	10.0	No	\$ 1,205,000



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Waterville	256	Watermain - Replace in Area B	1400015-8	10.0	No	\$ 1,700,000
Welcome	74	Storage - Repl w/150,000 Gal Tower	1460011-1	11.0	No	\$ 776,900
Wheaton	193	Storage - Recoat Tower, Add Safety Items	1780004-1	10.0	No	\$ 425,000
White Bear Township	339	Watermain - Repl 12 Inch Trunk Line	1620025-1	5.0	No	\$ 251,574
White Township	277	Watermain - Relocate & Loop	1690001-2	7.0	No	\$ 339,600
Winsted	251	Watermain - Replace Cast Iron Main	1430010-3	10.0	No	\$ 1,000,000
Winthrop	172	Watermain - Replace Various Blocks	1720008-1	10.0	No	\$ 950,700
		GRAND PROJECT TOTAL				\$ 384,919,670