

Estimated Funding Needs Report

Report to the Legislative Capital Investment and Environmental and Natural Resource Finance Committees

In Accordance with Minnesota Statutes, Section 446A.076

February 1, 2024

Minnesota Public Facilities Authority 2024 Estimated Funding Needs Report

Table of Contents

Introduction	3
Water Infrastructure Funding (WIF) Program	3
WIF Affordability Criteria	4
System Replacement Fund Requirement	5
Estimated WIF Needs	5
Point Source Implementation Grants (PSIG) Program	6
Estimated PSIG Needs	6
Estimated Average Annual Residential Wastewater System Costs	7
Table 1: Estimated WIF Needs: Drinking Water	9-10
Table 2: Estimated WIF Needs: Wastewater	11-12
Table 3: Estimated PSIG Needs	13-14
Table 4: Estimated Average Annual Residential Wastewater System Costs	15-18

For questions or more information about this report, contact:

Minnesota Public Facilities Authority

1st National Bank Building, Suite W820

332 Minnesota Street

Saint Paul, MN 55101-1378

www.mn.gov/pfa

Jeff Freeman, Executive Director Phone: 651-259-7465 E-mail: jeff.freeman@state.mn.us

Note (as required by Minnesota Statutes, section 3.197): Preparing this report required an estimated 80 hours of staff time for a total cost of \$5,900.

Introduction

Nearly 600 Minnesota municipalities own and operate wastewater systems and over 700 own and operate drinking water systems. These systems are essential to protecting public health and the environment and maintaining them is a major responsibility for local governments. Challenges include replacing and rehabilitating aging infrastructure and upgrading treatment facilities to meet current water quality standards. Under state law, municipalities establish enterprise funds to pay for these systems and are authorized to collect user charges proportionate to the cost of providing service.

Through several loan and grant programs, the Minnesota Public Facilities Authority (MPFA) helps municipalities finance construction projects to meet their wastewater and drinking water needs. The primary source of MPFA project funding is low interest loans from the Clean Water Revolving Fund (CWRF) and the Drinking Water Revolving Fund (DWRF). The MPFA also administers two large grant programs: the Water Infrastructure Funding Program (WIF) that provides grants based on affordability criteria, and the Point Source Implementation Grant (PSIG) Program that provides grants to help municipalities upgrade water treatment facilities to improve water quality.

As required by Minnesota Statutes, Section 446A.076. this report identifies estimated funding needs under the WIF and PSIG grant programs. A description of the criteria and requirements for each program is provided below. Detailed lists of projects and estimated grant amounts are provided in Tables 1, 2, and 3 on pages 9-14. (In many cases, the estimated grant amounts in the report are based on preliminary project information and have not been finalized.)

Also as required by statute, Table 4 on pages 15-18 provides an analysis of the local cost impact of these programs for potential 2024 projects by estimating the average residential cost per household with and without the state grants.

Water Infrastructure Funding (WIF) Program

Minnesota Statutes, Section 446A.072 establishes the Water Infrastructure Funding (WIF) program to provide grants to help cities build projects to replace aging and obsolete water systems that would otherwise be unaffordable. Without this assistance, municipal water systems in small and disadvantaged communities would be at increased risk of major system failure.

The MPFA awards WIF grants in conjunction with loans from its Clean Water and Drinking Water Revolving Fund (CWRF and DWRF) programs and project funding from the U.S. Department of Agriculture's (USDA) Rural Development (USDA-RD) grant and loan program. Municipalities seeking WIF grants must be listed on project priority lists (PPLs) developed by the Minnesota Pollution Control Agency (MPCA) for wastewater projects, and the Minnesota

Department of Health (MDH) for drinking water projects. Projects are ranked on the PPLs according to environmental and public health factors and are expected to proceed with construction within a five-year period. The MPFA evaluates all CWRF and DWRF loan applications for WIF grant eligibility. Projects that apply to USDA-RD for funding may also be eligible for WIF matching grants based on USDA-RD funding criteria.

WIF grants are awarded to eligible projects based on their priority rank on the MPCA or MDH project priority lists and their readiness to proceed. Under Minnesota Statutes, section 446A.072, subdivision 3(d), each fiscal year the MPFA reserves available funds for eligible projects when they are certified by the MPCA or MDH, or when the project receives a funding commitment from USDA Rural Development. Funds are reserved in amounts based on the project cost estimates when projects are certified or the as-bid project cost, whichever is less. Grants are awarded when as-bid construction costs are submitted and all application information is verified. When a project's as-bid costs would result in a grant award greater than amount reserved, the MPFA awards the higher amount provided funding availability.

WIF Affordability Criteria

Minnesota Statutes, section 446A.072, subdivision 5a establishes WIF affordability criteria based on the average system costs per household. To compare the relative cost impact in each municipality, the cost per household is calculated as a percentage of median household income of the project service area. When projects serve the entire municipality with costs spread over all system users, the total system users and median household income of the municipality are used. For projects serving smaller service areas relying on special assessments on specific benefitting properties, affordability is calculated based on those users and the median household income of that service area. While the WIF program is potentially available to all cities, WIF grant recipients tend to be smaller communities with typically higher costs per household than larger cities.

For projects receiving MPFA loans, the MPFA determines average annual system cost per household by taking the annual operation and maintenance cost of the wastewater or drinking water system, plus existing annual debt service costs from prior capital improvements, plus new debt service for the proposed project, divided by the number of users. The MPFA calculates existing debt service based on a ten-year average to fairly reflect long-term debt costs. The total number of users is based on a calculation of equivalent residential units (ERUs) to capture both residential and non-residential users.

Projects are eligible to receive WIF grants to offset a portion of MPFA loans when the average annual system cost per household, including the cost of the new project, exceeds 1.4 percent of median household income for wastewater projects, or 1.2 percent for drinking water projects. The grant amount is equal to 80 percent of the amount needed to reduce the average residential system cost to 1.4 percent or 1.2 percent threshold, up to a maximum grant of 80% of eligible project costs or \$5,000,000. The WIF program assistance is only for project costs

Minnesota Public Facilities Authority 2024 Estimated Funding Needs Report

necessary to address existing needs, not growth. Under WIF, the eligible project cost is determined by multiplying the total project cost by the Essential Project Component percentage calculated for that project by MPCA or MDH, which represents the portion of the project needed to meet existing needs.

Small rural communities (generally under 1,000 population) with median household incomes below the non-metro state average may apply to USDA RD for wastewater and drinking water grants and loans. Projects eligible to receive USDA RD grants based on the USDA RD affordability criteria may receive WIF matching grants for up to 65% of the total grant need as determined by the USDA RD. This state-federal partnership allows state WIF funds to assist more projects, makes it easier for small communities to access funding, reduces state administrative expenses, and helps USDA RD maximize its federal funding available for Minnesota communities.

Whether a WIF grant is awarded in conjunction with a MPFA loan or as a match to USDA RD funding, the maximum grant is \$5,000,000 per project or \$20,000 per connection, whichever is less, unless specifically approved by state law.

System Replacement Fund Requirement

Under the provisions of Minnesota Statutes, section 446A.072, subdivision 12, each WIF recipient must establish a system replacement fund and annually deposit \$.050 per 1000 gallons of flow to be used for future projects for rehabilitation, expansion, or replacement of the wastewater or drinking water system. Each WIF recipient holds those funds in a dedicated system replacement account for the life of the corresponding MPFA or USDA RD loan, unless use of the funds is approved by the MPFA for eligible capital improvements. WIF recipients submit an annual certification to the MPFA documenting system replacement fund deposits and balances. WIF recipients are not required to maintain replacement fund balances greater than the amount of the WIF grants received.

Estimated WIF Needs

Table 1 on pages 9-10 (drinking water projects) and Table 2 on pages 11-12 (wastewater projects) identify potential WIF eligible projects on the respective 2024 Project Priority Lists. The top of each table shows the funds from prior appropriations that were available at the start of the fiscal year. Grey shading indicates projects since the beginning of FY 2024 where WIF grants have already been awarded or where estimated grant funds are reserved (as described above). Unshaded amounts indicate estimated grants based on preliminary project information that have not yet been reserved. Estimated grants (shaded and unshaded) may change and new projects may be added to the list as project costs change and as final application information is received and verified.

The tables also show projects that may receive federal principal forgiveness funds, which come from a portion of the annual federal funding for the state revolving loan programs. Federal law provides that principal forgiveness funds can be awarded as grants to reduce project costs that would otherwise be included in loan principal. Under state statutes, federal principal forgiveness grants can be awarded based on the same affordability criteria as WIF grants. State statutes also authorize principal forgiveness grants for green infrastructure projects and other specific project types.

Projects in each table are divided into categories based on their priority ranking and readiness to proceed, beginning with carryover projects that received technical approval and certification from the MPCA or MDH (or a USDA RD funding commitment) in a prior year, followed by new projects proposals on the current Intended Use Plan (IUP) and potential future year projects. The dotted line in each table indicates how far down the project list available funds reach.

Based on current estimates, available WIF and federal principal forgiveness funds are currently reserved to meet estimated affordability grant needs for all 'carryover' projects that received technical approvals in prior fiscal years. Additional appropriations will be needed for new 2024 WIF eligible projects. Federal principal forgiveness funds from Year 2 of the Infrastructure Investment and Jobs Act (IIJA) will also be available to meet affordability needs for 2024 projects. The list of potential 2024 WIF eligible projects may grow as projects on the 2024 IUP submit formal loan applications and additional project information is received. At the bottom of each WIF table potential future WIF eligible projects are shown that are expected to be ready for construction in future years.

Total estimated unfunded WIF needs for all identified eligible projects on the 2024 Project Priority Lists are \$103 million for drinking water and \$72 million for wastewater. Additional eligible projects will likely be identified as project reviews proceed.

Point Source Implementation Grants (PSIG) Program

Minnesota Statutes, Section 446A.073 establishes the Point Source Implementation Grant (PSIG) program to provide grants to help cities upgrade treatment facilities to improve water quality by reducing the discharge of specific pollutants. PSIG grants cover 80% of eligible project costs up to \$7 million. Only those projects and project components that are directly related to meeting the specific pollutant requirement are eligible.

Each July the MPFA accepts PSIG applications from cities and other local governments for projects that they believe to be eligible for PSIG grants and for which they plan to proceed with construction in the upcoming year. To receive PSIG Grants, projects are approved and certified by the MPCA and as-bid costs are submitted to the MPFA. Grant funds are reserved for projects that receive MPCA approval and certification by the end of each state fiscal year and awarded based on as-bid costs if funds are available.

Estimated PSIG Needs

Table 3 on pages 13-14 identifies potential PSIG projects on the 2024 Project Priority List, starting with Carryover Projects (certified prior to June 30, 2023) in priority order, followed by FY 2024 PSIG applications in priority order. The MPCA has not yet confirmed PSIG project eligibility and eligible costs for FY 2024 applications. In most cases, the PSIG eligible costs and estimated grant amounts for these projects are determined by the applicant and may change following MPCA review.

The PSIG table shows the total funds available from prior appropriations at the start of the fiscal year. Grey shading indicates projects since the beginning of FY 2024 where PSIG grants have already been awarded or where estimated grant funds are reserved. Unshaded amounts indicate estimated grants based on preliminary project information that have not yet been reserved. Estimated grants (shaded and unshaded) may change as project costs change and as project information is received and verified. A dotted line indicates how far down the list the available funds will reach. The total unfunded (below the dotted line) PSIG grant need is currently estimated at approximately \$97 million. New PSIG applications will again be accepted in July 2024.

Estimated Average Annual Wastewater Residential Costs

For wastewater projects with identified WIF or PSIG grant needs, Minnesota Statutes, Section 446A.076 requires this report to show average annual residential wastewater treatment rates with and without the estimated WIF and PSIG grants, and to compare those costs to the Twin Cities metropolitan area average as determined by the Metropolitan Council.

To compare one community to another, the financial impact to residential users (rates) is determined by calculating the average annual system cost per household for operation and maintenance, existing debt service, and new project debt service. This is the same formula specified in MS 446A.072 to determine per household costs for WIF eligibility. Only new project costs can be offset by PFA grants and loans. Operation and maintenance and existing debt service are fixed costs that cannot be reduced by PFA project funding.

Table 4 on pages 15-18 shows estimated project funding and estimated average annual residential system costs for potential wastewater WIF and PSIG projects. Fixed (non-project) costs are shown along with estimated new project debt service costs with and without PFA WIF and PSIG grants. Estimated new project debt service assumes current PFA or USDA RD loan rates and terms. For purposes of the report, it is assumed that estimated PFA or USDA RD loan amounts for each project would increase by the amount of the WIF and/or PSIG grants under the "Without PFA Grants" scenario.

Minnesota Public Facilities Authority 2024 Estimated Funding Needs Report

The table shows the Twin Cities metropolitan area weighted average annual retail charge per household is \$377 based on the most recent Metropolitan Council survey done in 2022. Statute directs this amount be multiplied by 3 which equals \$1,131.

In general, smaller communities typically have higher residential costs than larger cities because they have fewer users over which to spread system costs. In addition, there are many other factors that can vary significantly from one community to another which can make it difficult to compare user costs. These can include the age and condition of the collection and treatment system components, the type and size of non-residential (business and industrial) users, the type of treatment facilities, the geography, geology, and hydrology of the area, and discharge permit requirements based on the condition and classification of receiving waters. Cities often phase system improvements over multiple years, making snapshot comparisons difficult. Finally, projects in unsewered communities involve construction of both a new sewer collection system and treatment facility, making these projects significantly more expensive than improvements to existing systems.

Minnesota Public Facilities Authority Water Infrastructure Funding (WIF) Program

WIF - DRINKING WATER

FY 2024

Potential WIF Grant Eligible Projects

- Grant estimates are based on affordability criteria and preliminary project information.

Potential transfer from CW WIF \$ 25,000,000

- Other eligible projects may be added as new project information is received.

47,644,002 72,644,002

- Estimated WIF amounts - subject to change

For WIF funds to be reserved, a project must:

2021-22 base federal PF (grant) available as of 7/1/23: \$ 2,781,220 2023 base federal PF (grant) available as of 7/1/23: \$ 1,942,200

DW WIF funds available as of 7/1/2023 \$

1) be certified for construction by MDH, or 2) have an approved PER by USDA-RD and receive a RD funding commitment

2022 IIJA PF (Yr 1 IIJA) as of 7/1/23: \$ 13,457,850

18,181,270

Shading = WIF funds awarded or reserved to date

Dotted line (---) indicates the last project that can be fully funded based on current estimates and available funds

	MDH	MDH			<u>Estimated</u>	E-12	E-12	F. C	
	2024 PPL	2024 PPL		C-4:41	DWRF Fed PF	Estimated WIF	Estimated WIF	Estimated WIF Need,	
	Rank	Pts	Project Description	Estimated Project Cost	Grant - Affordability	Grant with PFA DWRF Loan	Grant to match USDA-RD	Cumulative	County
WIE Noods - EV 1			jects (certified by 6/30/2020)	1 Toject Cost	Allordability	DWIN LOAN	OODA-ND	Cumulative	County
	•		•						
Tower	10	25	Treatment - Plant Improvements	5,600,000	574,361	1,205,639	-	1,205,639	St. Louis
Two Harbors	170	12	Treatment - Repl Chlorine Contact Tan	8,742,361	5,000,000	-	-	1,205,639	Lake
FY 2020 Carryover F				14,342,361	5,574,361	1,205,639			
			jects (certified by 6/30/2021)						
La Salle	117	15	Source - Connect to Red Rock RWS	576,943	-	-	371,000	1,576,639	Watonwan
Onamia	153	12	Treatment - New Plant	9,751,000	-	070.052	4,350,000	5,926,639	Mille Lacs
Dawson La Salle	163 176	12 12	Treatment - Plant Rehab Watermain - Looping	1,232,500 658,057	-	970,253	151,000	6,896,892 7,047,892	Lac qui Parle Watonwan
Claremont	409	10	Storage - Tower Rehab	616,650	493,320	-	131,000	7,047,892	Dodge
Kennedy	468	10	Storage - Booster Stat., Gen. Demo To	1,925,500	400,020	-	350,000	7,397,892	Kittson
FY 2021 Carryover F			Storage Decici Stati, Com Dome 10	14,760,650	493,320	970,253	5,222,000	1,007,002	Tuttoon
				14,700,030	493,320	970,233	3,222,000		
WIF Needs - FY 2	2022 Carryo	ver Pro	jects (certified by 6/30/2022)						
Danube	5	30	Treatment - New Ra/Fe/Mn Plant	4,787,000	-	-	1,269,963	8,667,855	Renville
Glenville	41	20	Treatment - Gross Alpha TP & Wells	5,213,601	500,000	2,917,988	-	11,585,842	Freeborn
Easton	111	18	Consolidation - Connection to Wells	3,545,408	-	-	2,169,965	13,755,807	Faribault
Danube	148	13	Source - New Well	313,000	-	-	83,037	13,838,844	Renville
Appleton 2	286.2	10	Watermain - part B, Schlieman Ave	6,537,837	-	3,517,331	-	17,356,176	Swift
Blue Earth	394	10	Treatment - RO for Softening	15,600,000	-	5,000,000	-	22,356,176	Faribault
Ortonville Ortonville	405 406	10 10	Watermain - Repl Various Areas - Phas Watermain - Phase 3	3,725,939	-	2,980,751		25,336,927	Big Stone
Sauk Rapids	465	10	Other - LSL Replacement - Private	10,000,000 142,395	142,395	5,000,000	-	30,336,927 30,336,927	Big Stone Benton
New London	530	10	Watermain - Distribution Improvements	1,907,212	1,010,798	-	_	30,336,927	Kandiyohi
Harris	638	10	Storage - Tower Rehab	442,601	354,081	-	-	30,336,927	Chisago
FY 2022 Carryover F	Projects		5	52,214,993	2,007,274	19,416,070	3,522,965		3
		ver Pro	jects (certified by 6/30/2023)	02,214,000	2,007,274	13,410,010	0,022,000		
			•	= 0.10 = 0.0	0.050.055			04.007.050	
Westbrook Lake Lillian	2 7	30 30	Treatment - New RO Plant for Nitrite Treatment - WTP Improvements Remo	7,646,580 6,420,000	2,858,675	1,591,032	2,620,000	31,927,959 34,547,959	Cottonwood
Pine River	17	20	Treatment - Manganese New Plant	3,702,332	1,443,030	-	2,620,000	34,547,959	Kandiyohi Cass
Sauk Rapids	54	20	Other - LSL Repl Along Division St.	121,784	121,784		-	34,547,959	Benton
Aurora	116	15	Consolidation - E Mesabi Joint Water S	32,997,318	121,704	5,000,000		39,547,959	St. Louis
Sebeka	162	12	Watermain - Repl & Loop - Phase 1	1,450,280	1,140,132	-	-	39,547,959	Wadena
Madison	174	12	Watermain - NW Area Loop	1,467,951	1,174,361	-	-	39,547,959	Lac Qui Parle
Ironton	259	10	Treatment - Replace Plant	6,337,000	-	-	2,500,000	42,047,959	Crow Wing
Pipestone	335	10	Watermain - Replace NE Area, Ph 2	2,983,575	2,386,860		-	42,047,959	Pipestone
Henning Clarkfield	341 342	10 10	Watermain - Replace Cast Iron Main Treatment - Rehab Treatment Plant	6,500,000 2,971,000	-	5,000,000	1,086,150	47,047,959 48,134,109	Otter Tail Yellow Medicine
Walker	360	10	Watermain - NW Distribution Improver	1,777,428	981,473	-	1,000,130	48,134,109	Cass
Kiester	415	10	Watermain - Distribution Improvements	5,231,330	- 001,470	-	1,695,000	49,829,109	Faribault
Kiester	417	10	Treatment - Plant Improvements	6,102,330	-	-	87,000	49,916,109	Faribault
Edgerton	424	10	Watermain - Repl Cast Iron Mains	8,000,000	-	-	1,535,000	51,451,109	Pipestone
Winnebago	460	10	Watermain - Cleveland Ave W Imprvm	2,544,119	-	2,035,295	-	53,486,404	Faribault
Red Lake Falls	493	10	Watermain - Repl Bottineau Ave/River	5,358,600	-	-	1,682,000	55,168,404	Red Lake
Atwater	514	10	Watermain - North Side Improvements	4,411,621	-	3,529,297	- 075.050	58,697,701	Kandiyohi
Taconite Wood Lake	584 597	10 10	Storage - Repl 50,000 Gal. Tower Watermain - Repl Cast Iron & AC Main	1,691,060 6.940.000	-	-	375,050 3,280,095	59,072,751 62,352,846	St. Louis Yellow Medicine
Wood Lake	598	10	Storage - Repl Tower	1,950,000	-	-	1,140,750	63,493,596	Yellow Medicine
Murdock	642	8	Source - Two Replacement Wells	225,490	_	_	92,697	63,586,293	Swift
Murdock	654	7	Watermain - Replace & Loop	618,000	_	_	246.533	63,832,826	Swift
Silver Lake	674	7	Treatment - New Pressure Filter Plant	2,399,909	-	-	1,198,485	65,031,310	McLeod
Vernon Center	689	7	Treatment - New Plant	4,370,108	-	-	2,015,647	67,046,958	Blue Earth
				124,217,815	10,106,315	17,155,624	19,554,407		
FY 2023 WIF Needs									
FY 2023 WIF Needs					o opproved/cort	ified by 6/30/24	other eligible pro	ects may be add	ed)
	4 WIF Need:	s (ESTII	MATED) - FY 2024 IUP & RD Projects (p	rojects must b	e approved/cert	inca by oroor 24, t		ooto maj so aaa	
POTENTIAL 2024					e approved/cert		J		
POTENTIAL 2024	9	30	Treatment - Radium Treatment with RC	8,357,500	e approved/cert -	1,921,529		68,968,486	Waseca
POTENTIAL 2024 Elysian Hill City	9 24	30 20	Treatment - Radium Treatment with RC Treatment - Manganese Treatment Pla	8,357,500 8,075,000	e approved/cert - -	1,921,529 4,060,000		68,968,486 73,028,486	Waseca Aitkin
POTENTIAL 2024 Elysian Hill City Atwater	9 24 59	30 20 20	Treatment - Radium Treatment with RC Treatment - Manganese Treatment Pla Treatment - Manganese Treatment & V	8,357,500 8,075,000 7,303,000	e approved/cert - - -	1,921,529 4,060,000 3,442,400		68,968,486 73,028,486 76,470,886	Waseca Aitkin Kandiyohi
POTENTIAL 2024 Elysian Hill City Atwater Delavan	9 24 59 69	30 20 20 20	Treatment - Radium Treatment with RC Treatment - Manganese Treatment Pla Treatment - Manganese Treatment & V Treatment - Manganese Plant Rehab	8,357,500 8,075,000 7,303,000 2,018,293	- - - - -	1,921,529 4,060,000 3,442,400 387,540		68,968,486 73,028,486 76,470,886 76,858,426	Waseca Aitkin Kandiyohi Faribault
POTENTIAL 2024 Elysian Hill City Atwater Delavan Lafayette	9 24 59 69 130	30 20 20 20 20	Treatment - Radium Treatment with RC Treatment - Manganese Treatment Pla Treatment - Manganese Treatment & V Treatment - Manganese Plant Rehab Treatment - Plant Addition	8,357,500 8,075,000 7,303,000 2,018,293 2,606,337		1,921,529 4,060,000 3,442,400 387,540 1,285,070	- - - - -	68,968,486 73,028,486 76,470,886 76,858,426 78,143,496	Waseca Aitkin Kandiyohi Faribault Nicollet
POTENTIAL 2024 Elysian Hill City Atwater Delavan Lafayette Elbow Lake	9 24 59 69 130 167	30 20 20 20 20 15	Treatment - Radium Treatment with RC Treatment - Manganese Treatment Pla Treatment - Manganese Treatment & V Treatment - Manganese Plant Rehab Treatment - Plant Addition Watermain - Replace & Loop 2nd	8,357,500 8,075,000 7,303,000 2,018,293 2,606,337 3,000,000	- approveu/cert	1,921,529 4,060,000 3,442,400 387,540 1,285,070 2,400,000		68,968,486 73,028,486 76,470,886 76,858,426 78,143,496 80,543,496	Waseca Aitkin Kandiyohi Faribault Nicollet Grant
POTENTIAL 2024 Elysian Hill City Atwater Delavan Lafayette	9 24 59 69 130	30 20 20 20 20	Treatment - Radium Treatment with RC Treatment - Manganese Treatment Pla Treatment - Manganese Treatment & V Treatment - Manganese Plant Rehab Treatment - Plant Addition	8,357,500 8,075,000 7,303,000 2,018,293 2,606,337		1,921,529 4,060,000 3,442,400 387,540 1,285,070		68,968,486 73,028,486 76,470,886 76,858,426 78,143,496	Waseca Aitkin Kandiyohi Faribault Nicollet

Estimated Funding Needs Report Table 1

Underwood	207	12	Treatment - Replace Plant	5,010,000	-	3,254,658	-	89,737,568	Otter Tail
Kandiyohi	241	11	Storage - Repl Tower w/75,000 Gal To	1,812,000	-	-	847,665	90,585,233	Kandiyohi
Aurora	269	10	Watermain - W 1st Ave. N. Reconstruc	2,611,000	-	2,088,800	-	92,674,033	St. Louis
Aurora	270	10	Watermain - W3rd Ave/Main St Replac	2,431,000	-	1,944,800	-	94,618,833	St. Louis
Appleton 3	287	10	Watermain - Replace 20 Blocks	6,000,000	-	2,973,789	-	97,592,622	Swift
Eagle Bend	297	10	Watermain -Phase 5	899,800	-	719,840	-	98,312,462	Todd
Staples	319	10	Watermain - 2024 Improvements	1,042,989	-	834,391	-	99,146,853	Todd
Henning	347	10	Treatment - Facility Rehab	3,366,360	-	2,693,088	-	101,839,941	Otter Tail
Crosby	358	10	Watermain - Phase 3B Improvements	2,384,800	-	1,907,840	-	103,747,781	Crow Wing
Ely	374	10	Watermain - Raw Water Intake/WM Re	4,513,000	-	3,506,702	-	107,254,483	St. Louis
Frazee	381	10	Watermain - Replace East Main Ave.	662,270	-	529,816	-	107,784,299	Becker
Madison	383	10	Treatment - Plant Rehab	5,550,000	-	4,440,000	-	112,224,299	Lac Qui Parle
Stewart	434	10	Watermain - Distribution Reconstructio	3,178,300	-	2,212,694	-	114,436,993	McLeod
Randall	442	10	Watermain - Water System Improveme	4,000,000	-	1,555,002	-	115,991,995	Morrison
Olivia	464	10	Treatment - RO addition	5,200,000	-	4,160,000	-	120,151,995	Renville
Royalton	513	10	Watermain - Improvements & Looping	1,340,600	-	1,072,480	-	121,224,475	Morrison
Kandiyohi	561	10	Watermain - Phase 1 - Replacement	2,435,000	-	-	775,710	122,000,185	Kandiyohi
Ghent	588	10	Watermain - Replacement Phase 1	3,321,300	-	1,286,161	-	123,286,346	Lyon
Lowry	647	8	Source - New Wells	377,300	-	94,114	-	123,380,459	Pope
Lowry	685	7	Treatment - Plant Improvements	142,400	-	113,920	-	123,494,379	Pope
Lowry	686.1	7	Watermain - Replace & Loop, Ph 1	306,700	-	243,700	-	123,738,079	Pope
FY 2024 WIF Needs				102,290,649	-	55,067,747	1,623,375		

MDH						
PPL Rank Pts Project Description		Affordability -				
Rank		based Principal	Estimated WIF	Estimated WIF	Estimated	
Avoca	Estimated	Forgiveness	Grant with PFA	Grant to match	WIF Need,	
Avoca 11 23 Other - Manganese Connect to Red Rc Morgan 39 20 Treatment - Manganese Plant Coates 112 17.5 Other - New System Supplied by Rosel Danube 185 12 Watermain - Looping Bellingham 195 12 Treatment - New PelMn Plant & Well Kandiyohi 216 12 Treatment - New Fel/Mn Plant & Wells Kandiyohi 217 12 Watermain - Looping Hendota 233 12 Watermain - Area 1 Loop Wendota 233 12 Watermain - Area 3 Loop Deerwood 236 11 Storage - Replace w100,000 Gal Towe Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase 2 Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase 2 Belview 284 10 Storage - Tower Rehab Erskine 288 10 Storage - Tower Rehab Erskine 289 10 Watermain - Repl Area 1947 Lines Rushmore 330 10 Water	Project Cost	Grant	DWRF Loan	USDA-RD	Cumulative	County
Morgan 39 20 Treatment - Manganese Plant Doates 112 17.5 Other - New System Supplied by Rosei Janube 185 12 Watermain - Looping Bellingham 195 12 Treatment - New PelMn Plant & Well Kandiyohi 216 12 Treatment - New Fe/Mn Plant & Well Kandiyohi 217 12 Watermain - Looping Mendota 233 12 Watermain - Looping Mendota 233 12 Watermain - Area 1 Loop Mendota 233 12 Watermain - Area 1 Loop Mendota 233 12 Watermain - Area 1 Loop Mendota 236 11 Storage - Replace w/100,000 Gal Tow Ohamia 249 10 Storage - Tower Rehab Oberwood 260 10 Watermain - Repl - Phase 2 Selview 284 10 Storage - Remove Original Tower Erskine 288 10 Watermain - Replace 1947 Lines Rushmore 330 10 Waterm	9,634,500	-	-	1,220,000	124,958,079	Otter Tail
Coates 112 17.5 Other - New System Supplied by Rose Danube Danube 185 12 Watermain - Looping Bellingham 195 12 Treatment - New Fel/Mn Plant & Well Garfield 198 12 Treatment - New Fel/Mn Plant & Well Gandiyohi 216 12 Treatment - New Fel/Mn Plant & Wells Kandiyohi 217 12 Watermain - Looping Mendota 233 12 Watermain - Looping Mendota 234 12 Watermain - Looping Mendota 234 12 Watermain - Looping Mendota 234 12 Watermain - Looping Deerwood 236 11 Storage - Replace w/100,000 Gal Towe Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Desmoos 268 10 Storage - Tower Rehab Erskine 289	503,200	-	112,431	-	125,070,510	Murray
Danube 185 12 Watermain - Looping Bellingham 195 12 Treatment - New Plant Sarfield 198 12 Treatment - New Fe/Mn Plant & Well Kandiyohi 216 12 Treatment - New Fe/Mn Plant & Wells Kandiyohi 217 12 Watermain - Looping Harris 231 12 Watermain - Area 1 Loop Wendota 233 12 Watermain - Area 3 Loop Deerwood 236 11 Storage - Replace w100,000 Gal Tow Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Desmood 268 10 Watermain - Repl 4 inch Mains, Phase Desmood 268 10 Watermain - Repl 4 inch Mains, Phase Desmood 268 10 Watermain - Repl 4 inch Mains, Phase Desmood 268 10 Watermain - Repl 4 inch Mains, Phase Desmood 268 10 Watermain - Replace 1947 Lines Belview 284 10 Storage - Remace w1947 Lines Belview <td< td=""><td>4,775,000</td><td>-</td><td>-</td><td>2,300,116</td><td>127,370,626</td><td>Redwood</td></td<>	4,775,000	-	-	2,300,116	127,370,626	Redwood
Sellingham 195 12 Treatment - New Plant Sarfield 198 12 Treatment - New Fe/Mn Plant & Well	16,800,000	-	1,700,000	-	129,070,626	Dakota
Particular	304,000	-	-	148,200	129,218,826	Renville
Kandiyohi 216 12 Treatment - New Fe/Mn Plant & Wells Kandiyohi 217 12 Watermain - Looping Jaris 231 12 Watermain - Looping Mendota 233 12 Watermain - Area 1 Loop Mendota 234 12 Watermain - Area 3 Loop Deerwood 236 11 Storage - Replace w100,000 Gal Towe Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Dosmos 268 10 Watermain - Repl 4 inch Mains, Phase Dosmos 268 10 Watermain - Repl 4 inch Mains, Phase Dosmos 268 10 Watermain - Repl 4 inch Mains, Phase Deswiew 284 10 Storage - Tower Rehab Eriskine 288 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Fracy 340 10 Watermain - Repl Cast Iron Wins Bellingham 455 10 Watermain - Repl Cast Iron Wins Bellingham 457<	3,750,000	-	-	1,828,125	131,046,951	Lac Qui Parle
Kandiyohi 217 12 Watermain - Looping Harris 231 12 Watermain - Looping Mendota 233 12 Watermain - Area 1 Loop Mendota 234 12 Watermain - Area 3 Loop Deerwood 236 11 Storage - Replace w/100,000 Gal Towe Onamia 249 10 Storage - Replace w/100,000 Gal Towe Onamia 249 10 Watermain - Repl 4 inch Mains, Phase Oberwood 260 10 Watermain - Repl - Phase 2 Belview 284 10 Storage - Tower Rehab Erskine 288 10 Watermain - Repla - 1947 Lines Rushmore 330 10 Watermain - Loop and Replace Rushmore 340 10 Watermain - Repla Cerst Iron Mains Valery 340 10 Watermain - Repla Cerst Iron Mains Valery 340 Watermain - Replace Cast Iron WMs Bellingham 455 10 Watermain - Replace Cast Iron WMs Bellingham 459 10	4,536,000	-	2,007,899	-	133,054,850	Douglas
Harris 231 12	3,620,000	-	-	2,117,700	135,172,550	Kandiyohi
Mendota 233 12 Watermain - Area 1 Loop Mendota 234 12 Watermain - Area 3 Loop Deerwood 236 11 Storage - Replace wi100,000 Gal Towe Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Deerwood Desmood 268 10 Watermain - Repl 4 inch Mains, Phase Deerwood Dosmood 268 10 Watermain - Repla - Phase 2 Belview 284 10 Storage - Tower Rehab Erskine 288 10 Storage - Remove Original Tower Erskine 289 10 Watermain - Connection to LPRWS Gracy 340 10 Watermain - Connection to LPRWS Gracy 340 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Loop and Replace Rushmore 330 10 Watermain - Replace 1947 Lines Rushmore 340 10 Watermain - Replace Cast Iron Water Bellingham 455 10 Watermain - Replace Cast Iron Wins Bell	433,000	-	-	253,305	135,425,855	Kandiyohi
Mendota 234 12 Watermain - Area 3 Loop Deerwood 236 11 Storage - Replace w/100,000 Gal Towe Onamia 249 10 Storage - Tower Rehab Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Desmoos 268 10 Watermain - Repl 4 inch Mains, Phase Belview 284 10 Storage - Tower Rehab Erskine 289 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Loop and Replace Bracy 340 10 Watermain - Repl Tubes Canesboro 371 10 Watermain - Repl Cast Iron Mains Lewisville 455 10 Watermain - Repl Cast Iron Mains Lewisville 455 10 Watermain - Repl CIP Bellingham 457 10 Storage - Replace Tower Bellingham 459 10 Conservation - Install Meters Hokah 473 10 Source - Phase 1 - Upgrade Wells & R Hokah 475 <	541,600	-	433,280	-	135,859,135	Chisago
Deerwood 236 11 Storage - Replace w/100,000 Gal Towe Deerwood 249 10 Storage - Tower Rehab Deserwood 260 10 Watermain - Repl 4 inch Mains, Phase Debrwood 268 10 Watermain - Repl - Phase 2 Belview 284 10 Storage - Tower Rehab Erskine 288 10 Storage - Remove Original Tower Erskine 289 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Fracy 340 10 Watermain - Repl Cast Iron Mains Janube 411 10 Watermain - Repl Cast Iron Mains Janube 451 10 Watermain - Repl Cast Iron Mains Jeellingham 455 10 Watermain - Repl CIP Jeellingham 457 10 Storage - Replace Tower Jeellingham 458 10 Watermain - Repl CIP Jeellingham 459 10 Conservation - Install Meters Jokah 473	1,795,000	-	200,000	-	136,059,135	Dakota
Onamia 249 10 Storage - Tower Rehab Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Dosmos 268 10 Watermain - Repl 4 inch Mains, Phase Dosmos 268 10 Watermain - Repl 4 inch Mains, Phase Belview 284 10 Storage - Tower Rehab Erskine 288 10 Storage - Tower Rehab Erskine 288 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Fracy 340 10 Watermain - Loop and Replace Ballingham 450 10 Watermain - Repl TH250 Danube 411 10 Watermain - Repl Cast Iron Mains Bellingham 457 10 Watermain - Replace Cast Iron WMs Bellingham 458 10 Watermain - Repl CIP Bellingham 459 10 Conservation - Install Meters Hokah 473 10 Source - Construction Well No. 3 Hokah 474	2,066,000	-	580,000	-	136,639,135	Dakota
Onamia 249 10 Storage - Tower Rehab Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase Cosmos 268 10 Watermain - Repl 4 inch Mains, Phase Cosmos 268 10 Watermain - Repl 4 inch Mains, Phase Belview 284 10 Storage - Tower Rehab Erskine 288 10 Storage - Remove Original Tower Erskine 289 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Iracy 340 10 Watermain - Repl Cast Iron Wans Jealingham 455 10 Watermain - Repl Cast Iron Wims Bellingham 457 10 Watermain - Repl CIP Bellingham 458 10 Watermain - Repl CIP Bellingham 459	923,000	-	-	407,356	137,046,492	Crow Wing
Deerwood 260 10 Watermain - Repl 4 inch Mains, Phase 20 Cosmos 268 10 Watermain - Repl - Phase 2 Belview 284 10 Storage - Tower Rehab Erskine 288 10 Storage - Remove Original Tower Erskine 289 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Tracy 340 10 Watermain - Loop and Replace Janube 411 10 Watermain - Repl Cast Iron Mains Jewisville 455 10 Watermain - Repl Cast Iron Mains Jewisville 455 10 Watermain - Repl Cerp Jewisville 457 10 Storage - Replace Tower Jeellingham 458 10 Watermain - Repl ClP Jeellingham 459 10 Source - Phase 1 - Upgrade Wells & R Jokah 473 10 Source - Phase 1 - Upgrade Wells & R Jokah 474 10 Source - Phase 1 - Upgrade Wells & R Jokah 47	365,298	_	_	95.022	137,141,514	Mille Lacs
Cosmos 268 10 Watermain - Repl - Phase 2 Belview 284 10 Storage - Tower Rehab Erskine 288 10 Storage - Remove Original Tower Erskine 289 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Tracy 340 10 Watermain - Connection to LPRWS Tracy 340 10 Watermain - Repl TH250 Janube 411 10 Watermain - Repl Cast Iron Mains Lewisville 455 10 Watermain - Replace Cast Iron Wins Bellingham 457 10 Storage - Replace Tower Bellingham 458 10 Watermain - Repl CIP Bellingham 459 10 Conservation - Install Meters Hokah 473 10 Source - Phase 1 - Upgrade Wells & R Hokah 474 10 Source - Construction Well No. 3 Hokah 475 10 Watermain - Distribution System Imp Sacred Heart 476	1,242,000	_	_	548,144	137.689.657	Crow Wing
Belview 284 10 Storage - Tower Rehab Erskine 288 10 Storage - Remove Original Tower Erskine 289 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Tracy 340 10 Watermain - Connection to LPRWS Irracy 340 10 Watermain - Connection to LPRWS Jame 450 10 Watermain - Connection to LPRWS Jame 451 10 Watermain - Repl TH250 Danube 411 10 Watermain - Repl Cast Iron Mains Jame 455 10 Watermain - Replace Cast Iron WMs Jame 455 10 Watermain - Repl CIP Jame 458 10 Watermain - Repl CIP Jame 459 10 Conservation - Install Meters Jokah 473 10 Source - Phase 1 - Upgrade Wells & R Jokah 474 10 Source - Construction Well No. 3 Jack Lillian 475 10 Wa	2.100.000	_	_	845,000	138.534.657	Meeker
Erskine 288 10 Storage - Remove Original Tower Erskine 289 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Iracy 340 10 Watermain - Loop and Replace Janesboro 371 10 Watermain - Repl Cast Iron Mains Jeanube 411 10 Watermain - Repl Cast Iron WMs Jealingham 455 10 Watermain - Repl Cast Iron WMs Jealingham 458 10 Watermain - Replace Cast Iron WMs Jealingham 458 10 Watermain - Repl CIP Jealingham 459 10 Conservation - Install Meters Jokah 473 10 Source - Phase 1 - Upgrade Wells & R Jokah 474 10 Source - Phase 1 - Upgrade Wells & R Jokah 475 10 Watermain - Distribution System Imp. Jeacred Heart 476 10 Watermain - Replace Cast Iron Main Jack Lillian 476 10 Watermain - Replace Cast Iron Main	486,250	-	_	237,047	138,771,704	Redwood
Erskine 289 10 Watermain - Replace 1947 Lines Rushmore 330 10 Watermain - Connection to LPRWS Irracy 340 10 Watermain - Connection to LPRWS Janube 411 10 Watermain - Repl TH250 Danube 411 10 Watermain - Repl Cast Iron Mains Lewisville 455 10 Watermain - Replace Cast Iron WMs Bellingham 457 10 Storage - Replace Tower Bellingham 458 10 Watermain - Repl CIP Bellingham 459 10 Conservation - Install Meters Hokah 473 10 Source - Phase 1 - Upgrade Wells & R Hokah 474 10 Source - Construction Well No. 3 Hokah 475 10 Watermain - Distribution System Imp. Bacred Heart 476 10 Treatment - Ro to Address Chlorides Comfrey 480 10 Watermain - Replace Cast Iron Main Audubon 484 10 Storage - Tower Rehab Warren	58,000	_	46,400	201,011	138,818,104	Polk
Rushmore 330	1.179.150	_	943.320	_	139,761,424	Polk
Tracy 340 10 Watermain - Loop and Replace Janesboro 371 10 Watermain - Repl TH250 Janube 411 10 Watermain - Repl Zeat Iron Mains Jewisville 455 10 Watermain - Replace Cast Iron WMs Jeellingham 457 10 Storage - Replace Tower Jeellingham 458 10 Watermain - Repl CIP Jeellingham 459 10 Conservation - Install Meters Jokah 473 10 Source - Phase 1 - Upgrade Wells & R Jokah 474 10 Source - Construction Well No. 3 Jokah 475 10 Watermain - Distribution System Imp. Jokah 476 10 Treatment - RO to Address Chlorides Jomfrey 480 10 Watermain - Replace Cast Iron Main Jaudubon 484 10 Storage - Tower Rehab Jeview 523 10 Watermain - Street Utility Replacement Waren 531 10 Watermain - Repl & Loop Kandiyohi 560 </td <td>2,910,000</td> <td>_</td> <td>040,020</td> <td>486,850</td> <td>140,248,274</td> <td>Nobles</td>	2,910,000	_	040,020	486,850	140,248,274	Nobles
Janesboro 371 10 Watermain - Repl TH250 Danube 411 10 Watermain - Repl Cast Iron Mains Lewisville 455 10 Watermain - Repl Cer Bellingham 457 10 Storage - Replace Tower Bellingham 458 10 Watermain - Repl CIP Bellingham 459 10 Conservation - Install Meters Hokah 473 10 Source - Phase 1 - Upgrade Wells & R Hokah 474 10 Source - Construction Well No. 3 Hokah 475 10 Watermain - Distribution System Imp. Bacred Heart 476 10 Treatment - Ro to Address Chlorides Comfrey 480 10 Watermain - Replace Cast Iron Main Audubon 484 10 Storage - Tower Rehab Awaren 531 10 Watermain - Street Utility Replacement Warren 531 10 Watermain - Repl & Loop Kandiyohi 562 10 Watermain - Replace & Loop, Ph 2 Kandiyohi 563 <td>5,413,000</td> <td></td> <td></td> <td>1,178,450</td> <td>141,426,724</td> <td>Lyon</td>	5,413,000			1,178,450	141,426,724	Lyon
Danube 411 10 Watermain - Repl Cast Iron Mains Jewisville 455 10 Watermain - Replace Cast Iron WMs Bellingham 457 10 Storage - Replace Tower Bellingham 458 10 Watermain - Repl CIP Bellingham 459 10 Conservation - Install Meters Hokah 473 10 Source - Phase 1 - Upgrade Wells & R Hokah 474 10 Source - Construction Well No. 3 Hokah 475 10 Watermain - Distribution System Imp. Bacarde Heart 476 10 Watermain - Replace Cast Iron Main Audubon 484 10 Storage - Tower Rehab Belview 523 10 Watermain - Replace Cast Iron Main Warren 531 10 Watermain - Replace Cast Iron Main Warren 531 10 Watermain - Replace Loop Kandiyohi 560 10 Watermain - Repl & Loop Kandiyohi 562 10 Watermain - Phase 2 - Replacement Audubon	1.261.898	_	_	1,170,430	141,426,724	Fillmore
Lewisville 455 10 Watermain - Replace Cast Iron WMs Bellingham 457 10 Storage - Replace Tower Bellingham 458 10 Watermain - Repl CIP Bellingham 459 10 Conservation - Install Meters Hokah 473 10 Source - Phase 1 - Upgrade Wells & R Hokah 474 10 Source - Construction Well No. 3 Hokah 475 10 Watermain - Distribution System Imp. Bacred Heart 476 10 Treatment - RO to Address Chlorides Comfrey 480 10 Watermain - Replace Cast Iron Main Muldubon 484 10 Storage - Tower Rehab Belview 523 10 Watermain - Street Utility Replacement Waren 531 10 Watermain - Replace Male Kandiyohi 560 10 Watermain - Repl McLaughlin & 3rd St. Kandiyohi 562 10 Watermain - Phase 2 - Replacement Audubon 666 7 Watermain - Phase 3 - Replacement A	5.500.000	-	-	2,681,250	144.107.974	Renville
Sellingham	5,009,000	-	2,680,000	2,001,230	146,787,974	Watonwan
Sellingham	2.490.000	-	2,000,000	1.213.875	148.001.849	Lac Qui Parle
Sellingham	1.260.000	-	-		148,001,849	Lac Qui Parle
Hokah		-	-	614,250	148,869,599	
Hokah	520,000	-	-	253,500		Lac Qui Parle
Hokah	1,025,000	-	-	299,813	149,169,412	Houston
Sacred Heart	565,000	-	-	165,263	150,212,174	Houston
Comfrey 480 10 Watermain - Replace Cast Iron Main Audubon 484 10 Storage - Tower Rehab Belview 523 10 Watermain - Street Utility Replacement Warren 531 10 Watermain - Repl & Loop Candiyohi 560 10 Watermain - Repl & Loughlin & 3rd St. Kandiyohi 562 10 Watermain - Phase 2 - Replacement Audubon 666 7 Watermain - Falcon Street Loop 2.0wry 686.2 7 Watermain - Replace & Loop, Ph 2 Silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 8 - 2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	3,540,000	-	-	1,035,450	151,247,624	Houston
Audubón 484 10 Storage - Tower Rehab Belview 523 10 Watermain - Street Utility Replacement Warren 531 10 Watermain - Ross Ave. Utility Repl Prjc "ake Lillian 537 10 Watermain - Repl & Loop Kandiyohi 560 10 Watermain - Phase 2 - Replacement Kandiyohi 563 10 Watermain - Phase 3 - Replacement Audubon 666 7 Watermain - Falcon Street Loop Jowry 686.2 7 Watermain - Replace & Loop, Ph 2 Silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 751 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area 8 - 2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	8,617,000	-		4,951,050	156,198,674	Renville
Selview 523 10	1,678,000	-	845,778	-	157,044,452	Brown
Warren 531 10 Watermain - Ross Ave. Utility Repl Prjc Jake Lillian 537 10 Watermain - Repl & Loop Kandiyohi 560 10 Watermain - Repl McLaughlin & 3rd St. Kandiyohi 562 10 Watermain - Phase 2 - Replacement Kandiyohi 563 10 Watermain - Phase 3 - Replacement Audubon 666 7 Watermain - Replace & Loop, Ph 2 Silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area 8 - 2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	406,000	-	324,800	-	157,369,252	Becker
Lake Lillian 537 10 Watermain - Repl & Loop Kandiyohi 560 10 Watermain - Repl McLaughlin & 3rd St. Kandiyohi 562 10 Watermain - Phase 2 - Replacement Kandiyohi 563 10 Watermain - Phase 3 - Replacement Audubon 666 7 Watermain - Falcon Street Loop Looy Watermain - Replace & Loop, Ph 2 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area 8 -2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	7,857,110	-		3,720,000	161,089,252	Redwood
Kandiyohi 560 10 Watermain - Repl McLaughlin & 3rd St. Kandiyohi 562 10 Watermain - Phase 2 - Replacement Kandiyohi 563 10 Watermain - Phase 3 - Replacement Audubon 666 7 Watermain - Falcon Street Loop Lowry 686.2 7 Watermain - Replace & Loop, Ph 2 Silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area 8 -2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 774 5 Watermain - Distribution Reconstruction	520,000	-	258,000	-	161,347,252	Marshall
Kandiyohi 562 10 Watermain - Phase 2 - Replacement Kandiyohi 563 10 Watermain - Phase 3 - Replacement Audubon 666 7 Watermain - Falcon Street Loop Jowry 686.2 7 Watermain - Replace & Loop, Ph 2 Silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area 8 - 2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstructio	7,118,000	-	-	2,620,000	163,967,252	Kandiyohi
Kandiyohi 563 10 Watermain - Phase 3 - Replacement Audubon 666 7 Watermain - Falcon Street Loop Ourry 686.2 7 Watermain - Replace & Loop, Ph 2 Silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area 8 -2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	473,000	-	-	276,705	164,243,957	Kandiyohi
Audubón 666 7 Watermain - Falcon Street Loop Lowry 686.2 7 Watermain - Replace & Loop, Ph 2 Silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area 8 - 2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	2,584,000	-	-	1,511,640	165,755,597	Kandiyohi
cowry 686.2 7 Watermain - Replace & Loop, Ph 2 silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area 8 - 2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	609,000	-	-	356,265	166,111,862	Kandiyohi
Silver Lake 746 5 Storage - New 115,000 Gallon Tank Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush 751 5 Watermain - Repl Area & -2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	98,000	-	78,400	-	166,190,262	Becker
Greenbush 750 5 Watermain - Repl Area 7 - Main & Park Greenbush Greenbush 751 5 Watermain - Repl Area 8 - 2nd & Johns Sliver Lake Silver Lake 773 5 Source - Rehab Wells Sliver Lake Silver Lake 774 5 Storage - New Standpipe Watermain - Distribution Reconstruction	2,672,200	-	1,577,028	-	167,767,289	Pope
Greenbush 751 5 Watermain - Repl Area 8 -2nd & Johns Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	1,000,000	-	-	499,388	168,266,677	McLeod
Silver Lake 773 5 Source - Rehab Wells Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	821,544	-	657,235	-	168,923,912	Roseau
Silver Lake 774 5 Storage - New Standpipe Silver Lake 775 5 Watermain - Distribution Reconstruction	837,537	-	670,030	-	169,593,942	Roseau
Silver Lake 775 5 Watermain - Distribution Reconstructio	583,930	-	-	291,607	169,885,549	McLeod
Silver Lake 775 5 Watermain - Distribution Reconstructio	1,399,000	-	-	698,643	170,584,192	McLeod
	6,701,152	_	_	3,346,472	173,930,664	McLeod
	3,487,750	-	_	1,608,673	175,539,337	Blue Earth
012 0 Trateman (top) failud / flodo	140,546,119		13,114,600	38,686,657	,000,001	Dido Editii

 Estimated unfunded WIF need 2025-28:
 102,895,335

 Unfunded Projects:
 76

Estimated Funding Needs Report Table 2

Minnesota Public Facilities Authority Water Infrastructure Funding (WIF) Program

WIF - WASTEWATER

FY 2024

Potential WIF Grant Eligible Projects

- Grant estimates are based on affordability criteria and preliminary project information.

Potential transfer to DW WIF (25,000,000)

WW WIF available as of 7/1/2023: \$ 65,839,078

40,839,078

- Other eligible projects may be added as new project information is received.

- Estimated WIF amounts - subject to change

For WIF funds to be reserved, a project must:

3,858,031

- 1) be certified for construction by MPCA, or
- 2) have an approved PER by USDA-RD and receive a RD funding commitment

2022-23 base federal PF (grant) available as of 7/1/23: \$
2022 IIJA PF (Yr 1 IIJA) as of 7/1/23: \$ 16,029,370 19,887,401

Shading = WIF funds awarded or reserved to date

Dotted line (---) indicates last project that can be fully funded based on current estimates and available funds

	MPCA 2024	MPCA 2024			Estimated	Estimated CWRF Fed PF	Estimated WIF	Estimated WIF	Estimated WIF	
	PPL	PPL		Estimated	CWRF Fed PF	Grant -	Grant with PFA	Grant to match	Need,	
WIE Needs EV 202	Rank	Pts	Project Description jects (certified by 6/30/2021)	Project Cost	Grant - Green	Affordability	CWRF Loan	USDA-RD	Cumulative	County
			• • •	0.440.000				0.040.004	0.040.004	16
Ogilvie Winger	44 160	70 53	Adv trmt - phos/mercury, rehab treatment Rehab collection and treatment	9,118,000 4,805,000		-	-	3,010,804 2,200,000	3,010,804 5,210,804	Kanabec Polk
FY 2021 Carryover Proj				13.923.000	-		-	5,210,804	-, -,	
		ver Pro	jects (certified by 6/30/2022)	70,020,000				5,210,001		
Zumbro Township	15	79	Unsewered - Ryans Bay, LSTS with nitrogen trn	9,395,622			1,760,000		6,970,804	Wabasha
New London	28	73	Rehab collection, 4th Ave, Birch St	673,595	-	538,876	-	-	6,970,804	Kandiyohi
Henning	101	60	Rehab collection Ph 2, Imnan St	1,166,978	-	933,582	-	-	6,970,804	Otter Tail
Appleton 1 Appleton 2	195.1 195.2	47 47	Rehab collect, part A Schlieman Ave Rehab collect, part B Schlieman Ave	2,306,250 5,308,750	-	1,845,000 4,247,000	-	-	6,970,804 6,970,804	Swift Swift
FY 2022 Carryover Proj			Trends concer, part 5 conmonant, tre	18,851,195	_	7,564,458	1,760,000		0,010,001	
		vor Pro	jects (certified by 6/30/2023)	70,007,700		7,004,400	1,700,000			
	9		, , ,	40.000.004			_	2 444 000	40.004.004	Malaad
Silver Lake Tracy	10	88 88	Adv trmt - phos, rehab collection and ponds Rehab collection Ph 4, Center St & Lining	10,960,804 1,337,155	-	-	-	3,114,000 869,150	10,084,804 10,953,954	McLeod Lyon
Wabasso 1	21.1	76	Rehab collection	11,187,000	-	-	-	2,910,000	13,863,954	Redwood
Kandiyohi	27	73	Rehab collection Ph1, connect unsewered area	2,133,000	-		-	582,700	14,446,654	Kandiyohi
Henning Otsego - West WWTP	102 131	60 56	Rehab collection, main LS and FM Adv trmt - phos, expand treatment	6,510,000 42,045,359	1,000,000	5,000,000	-	-	14,446,654 14,446,654	Otter Tail Wright
Clinton	139	55	Rehab collection, ph 2	2,500,000	-	-	-	1,300,000	15,746,654	Big Stone
Madison	172	51	Rehab collection, TH75 & TH40	2,899,998	-	-	2,319,998	-	18,066,652	Lac Qui Parle
Howard Lake	183	49 44	Rehab collection, Ph 2	7,625,500	-	-	-	2,230,459 2,513,423	20,297,111	Wright
Mazeppa Long Prairie 1	232 247.1	44	Rehab collection and treatment Rehab and trmt Ph 1, main LS	15,404,300 2,623,500		2,098,800	-	2,513,423	22,810,534 22,810,534	Wabasha Todd
Walker	254	40	Rehab collection	853,463	-	-,,	659,482		23,470,016	Cass
FY 2023 Carryover Proj	iects			106,080,079	1,000,000	7,098,800	2,979,480	13,519,732		
POTENTIAL FY 202	4 WIF Ne	eds (ES	STIMATED) - FY 2024 IUP & RD Projects (projec	ts must be cer	tified by 6/30/24,	other eligible p	projects may be a	ndded		
Aurora	1	113	Rehab treatment	17,700,000	-	3,224,143	1,775,857	-	25,245,873	St. Louis
Wood Lake	4	93	Rehab treatment, collection ph 2	4,735,745	-	-	-	320,784	25,566,657	Yellow Medicine
Cosmos Lake Crystal	7 8	88 88	Rehab collection, Phase 2 Regionalize, connect to Mankato	4,398,733 16,000,000	-	-	- 1,214,225	2,209,176	27,775,834 28,990,058	Meeker Blue Earth
Hanley Falls	11	83	Rehab collection ph 2	2,700,000	_	-	1,214,225	1,755,000	30,745,058	Yellow Medicine
Appleton 3	18	77	Adv trmt - phos, biosolids	9,980,400	-	-	4,471,219	-	35,216,278	Swift
Alpha	23	75	Rehab collection and treatment	6,864,000	-	-	-	1,320,000	36,536,278	Jackson
West Union Rochester	42 49	71 68	Unsewered, collection and treatment, spray irrig Rehab treatment, liquid & solids upgrade	8,750,000 78,392,964	1,000,000	-	-	840,000	37,376,278 37,376,278	Todd Olmsted
Lake Lillian	51	68	Rehab collection, ph 2	4,477,000	-	-	-	1,909,700	39,285,978	Kandiyohi
Ghent	56	68	Rehab collection and treatment, expand pond	8,866,490	-	-	3,420,000		42,705,978	Lyon
New Germany	75 70	63	Adv trmt - phos, add pond	8,900,000	-	-	3,660,000	-	46,365,978	Carver
Crosby Gilman	79 83	63 63	Rehab collection, ph 2 Rehab collection and treatment	2,552,700 6,802,000	-	-	1,979,189	1,700,000	48,345,166 50,045,166	Crow Wing Benton
Lewiston	84	63	Rehab collection and treatment	14,648,278	-	-	5,000,000	-	55,045,166	Winona
Braham 2	96.2	61	Rehab collection	4,630,000	-	-	3,704,000	-	58,749,166	Isanti
Vernon Center	106	59	Rehab collection	5,592,797	-	-	-	1,367,871	60,117,037	Blue Earth
Eagle Bend Ash River San District	121 146	57 53	Rehab collection, Ph 5 Unsewered, LSTS	794,900 24,206,000			635,920 2,220,000		60,752,957 62,972,957	Todd St. Louis
Fosston	192	48	Rehab treatment, add pond	12,791,711	_	_	5,000,000	-	67,972,957	Polk
Appleton 4	196	47	Rehab collection, ph 2	12,500,000	-	-	5,000,000	-	72,972,957	Swift
Evansville	220	46	Rehab collection and treatment, LS	835,000	-	-	312,449	-	73,285,406	Douglas
Potential FY 2023 WIF I	Veeds			257,118,718	1,000,000	3,224,143	38,392,858	11,422,532		
Other Potential WIF	Needs (Estimat	ted), FY 2025							
	MPCA						F. C	F-111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	F - 4 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	
	2024 PPL	2024 PPL		Estimated			Grant with PFA	Estimated WIF Grant to match	Need,	
	Rank	Pts	Project Description	Project Cost			CWRF Loan	USDA-RD	Cumulative	County
Wabasso 2	21.2	76	Rehab treatment	15,670,000	_	_	-	5,000,000	78,285,406	Redwood
Grand Meadow	31	73	Adv trmt - phos, rehab collection and trmt	13,150,000	-	-	5,000,000	-,,	83,285,406	Mower
Edgerton	46	68	Rehab collection	10,200,000	-	-	-	2,983,500	86,268,906	Pipestone
Belview	64 65	66 66	Rehab collection and treatment	13,889,295	-	-	1.000.504	3,720,000	89,988,906 91,958,467	Redwood
Lewisville Russell	65 88	66 63	Rehab collection Rehab collection and treatment	3,900,000 4,100,000	-	-	1,969,561	1,435,850	91,958,467	Watonwan Lyon
Houston 1	144.1	54	Rehab collection ph1 - Jackson, Lincoln, Spruce	2,735,155	-	-	1,041,291	-,,	94,435,608	Houston
Houston 2	144.2	54	Rehab collection ph 2, TH 16	700,000	-	-	560,000	-	94,995,608	Houston

Estimated Funding Needs Report Table 2

	MPCA 2024 PPL Rank	MPCA 2024 PPL Pts	Project Description	Estimated Project Cost			Estimated WIF Grant with PFA CWRF Loan	Estimated WIF Grant to match USDA-RD	Estimated WIF Need, Cumulative	County
Tintah	162	52	Unsewered, connect to Campbell	2,700,000	-	-	-	460,000	95,455,608	Traverse
Goodhue	166	51	Regionalize, connect to North Zumbro SD	11,941,140	-	-	550,555	-	96,006,164	Goodhue
Sebeka	184	49	Rehab treatment	4,249,350	-	-	-	1,211,828	97,217,991	Wadena
Annandale	223	45	Rehab collection, Hwy 55	1,157,352	-	-	925,882	-	98,143,873	Wright
Long Prairie 2	247.2	41	Rehab and trmt Ph 2, biosolids	4,000,000	-	-	3,200,000	-	101,343,873	Todd
Browerville	257	39	Rehab treatment	6,205,600	-	-	4,964,480	-	106,308,353	Todd
Wanamingo	259	39	Regionalize, connect to North Zumbro SD	10,946,045	-	-	1,024,667	-	107,333,020	Goodhue
Silver Creek Twp - Stew	280	33	Unsewered, connect to Two Harbors	20,525,000	-	-	-	3,320,000	110,653,020	Lake
Coates	296	14	Unsewered, connect to MCES	12,200,000	-	-	1,700,000	-	112,353,020	Dakota
				138.268.937			20.936.436	18,131,178		

Total estimated unfunded (below dotted line) WIF need: 71,513,942

Unfunded Projects: 29

Minnesota Public Facilities Authority Point Source Implementation Grant (PSIG) Program

PSIG FY 2024

Note: New PSIG applications accepted at beginning of each FY. PSIG grants not awarded until projects are bid and ready for construction.

Total available as of 7/1/2023 (bonding and CWF): 100,918,514

Shading = PSIG grants awarded or reserved to date based on MPCA certification.

In most cases, estimated PSIG eligible costs for new applications have not yet been verified. Dotted line (---) indicates fundable range based on current estimates and available funds.

	MPCA	MPCA 2024 PPL		Estimated Total Project	Estimated DSIC Fligible	PSIG Grant (80%,\$7M	Estimated Crant Nood	
PSIG Grant Applicant	Rank	Pts	Project Description	Cost	PSIG Eligible Project Costs	max) NOT FINAL	Grant Need, Cumulative	County
.,			<u> </u>		FTOJECT COSTS	NOT FINAL	Cullidiative	County
FY 2021 PSIG Carryover Projects (MP			,					
Mankato - stormwater	175	50	Warren Street pond improvements	1,450,000	1,153,400	922,720	922,720	Blue Earth
Mankato	224	45	Rehab trmt, digester and disinfection improven	89,000,000	13,754,337	7,000,000	7,922,720	Blue Earth
FY 2022 PSIG Carryover Projects (MP	CA certified l	by 6/30/202	2)					
Owatonna	5	88	Adv trmt - phos, expand treatment	32,858,198	10,436,512	7,000,000	14,922,720	Steele
Zumbro Township	15	79	Unsewered - Ryans Bay, LSTS with nitrogen trm	9,395,622	9,395,622	7,000,000	21,922,720	Wabasha
Fairmont	72	63	Rehab trmt, biosolids improvements	32,183,915	7,824,249	6,259,400	28,182,120	Martin
Foley	82	63	Regionalize, connect to St. Cloud	28,364,326	24,522,436	7,000,000	35,182,120	Benton
Minnehaha Creek WD - Stormwater	128	56	Blake Road stormwater trmt, ph 2/3	2,546,386	2,546,386	2,037,109	37,219,228	Hennepin
Annandale/Maple Lake/Howard Lake	136	55	Adv trmt - phos, rehab treatment	12,490,000	12,157,616	7,000,000	44,219,228	Wright
Sacred Heart WTP	275	36	Adv trmt - chlorides, install RO	8,617,000	8,617,000	6,893,600	51,112,828	Renville
PSIG Carryover Projects				216,905,447	90,407,559	51,112,828		
FY 2023 PSIG Carryover Projects (MP	CA certified L	by 6/30/202	3)					
Trosky	37	73	Unsewered, collection and treatment	4,424,965	4,424,965	3,539,972	54,652,800	Pipestone
Ogilvie	44	70	Adv trmt - phos/mercury, rehab treatment	9,118,000	1,397,745	1,118,196	55,770,996	Kanabec
Kandiyohi Co - Glacial Lakes SSWD 1	47.1	68	Rehab treatment, ph 2, adv trmt	13,200,000	8,623,174	6,898,539	62,669,536	Kandiyohi
Braham 1	96.1	61	Rehab treatment	7,722,055	918,366	734,693	63,404,228	Isanti
Saint Paul - Stormwater 1	99	60	Bush Desoto Pond	1,020,050	1,020,050	816,040	64,220,268	Ramsey
Otsego - West WWTP	131	56	Adv trmt - phos, expand treatment	42,045,359	12,768,230	7,000,000	71,220,268	Wright
Redwood Falls	145	54	Adv trmt - phos, rehab WWTP	9,960,000	8,850,869	7,000,000	78,220,268	Redwood
Saint Paul - Stormwater 2	186	48	Flandrau-Case Pond expansion and filter bench	878,025	878,025	702,420	78,922,688	Ramsey
Blue Earth WTP	227	45	Adv trmt - chlorides, new WTP	13,860,000	10,730,323	7,000,000	85,922,688	Blue Earth
Mazeppa	232	44	Rehab collection and treatment	15,404,300	3,108,221	2,486,577	88,409,265	Wabasha

13 2/1/2024

Estimated Funding Needs Report Table 3

						Estimated		
						PSIG Grant		
	MPCA	MPCA		Estimated	Estimated	(80%,\$7M	Estimated	
	2024 PPL	2024 PPL		Total Project	PSIG Eligible	max)	Grant Need,	
PSIG Grant Applicant	Rank	Pts	Project Description	Cost	Project Costs	NOT FINAL	Cumulative	County
FY 2023-24 New Applications (proje		_						
Aurora	1	113	Rehab treatment	17,700,000	12,546,544	7,000,000	95,409,265	St. Louis
Wood Lake	4	93	Rehab treatment, collection ph 2	4,735,745	824,020	659,216	96,068,481	Yellow Medicine
Lake Crystal	8	88	Regionalize, connect to Mankato	16,000,000	16,000,000	7,000,000	103,068,481	Blue Earth
Belle Plaine	12	83	Adv trmt - phos, rehab/expand	20,475,000	6,408,675	5,126,940	108,195,421	Scott
Albert Lea 2	17.2	78	Adv trmt – phos, rehab treatment	74,825,000	50,132,750	7,000,000	115,195,421	Freeborn
Appleton 3	18	77	Adv trmt - phos, biosolids	9,980,400	5,489,220	4,391,376	119,586,797	Swift
Saint Michael	25	75	Adv trmt - phos, replace reed beds	34,000,000	19,618,000	7,000,000	126,586,797	Wright
Sandstone	35	73	Adv trmt - phos	560,000	560,000	448,000	127,034,797	Pine
West Union	42	71	Unsewered, collection and treatment, spray irri	8,750,000	8,750,000	7,000,000	134,034,797	Todd
Nobles County - Reading	48	68	Unsewered, potential SSTS	6,615,500	6,615,500	5,292,400	139,327,197	Nobles
Rochester	49	68	Rehab treatment, liquid & solids upgrade	78,392,964	18,814,311	7,000,000	146,327,197	Olmsted
Faribault Co - Riverside	58	67	Unsewered, potential SSTS	7,826,050	3,615,635	2,892,508	149,219,705	Faribault
Mayer	74	63	Rehab treatment, biosolids	9,111,750	7,626,535	6,101,228	155,320,933	Carver
New Germany	75	63	Adv trmt - phos, add pond	8,900,000	1,911,720	1,529,376	156,850,309	Carver
Brewster	77	63	Adv trmt - phos, rehab treatment	9,010,900	2,523,052	2,018,442	158,868,750	Nobles
Cologne	78	63	Adv trmt - phos, expand trmt	20,458,673	8,449,432	6,759,546	165,628,296	Carver
Sacred Heart	132	56	Biosolids improvements	2,850,000	2,850,000	2,280,000	167,908,296	Renville
Ash River San District	146	53	Unsewered, LSTS	24,206,000	4,608,456	3,686,765	171,595,061	St. Louis
Scandia - Bliss	179	50	Adv trmt - nitrogen, rehab LSTS	1,600,900	1,600,900	1,280,720	172,875,781	Washington
Litchfield	188	48	Rehab treatment, expand bio capacity	55,000,000	8,470,000	6,776,000	179,651,781	Meeker
Apple Valley - Stormwater	198	47	Whitney Pond expansion	1,000,084	1,000,084	800,067	180,451,848	Dakota
Inver Grove Heights - Stormwater	199	47	Dawn Way neighborhood rain gardens and infil	3,724,000	3,724,000	2,979,200	183,431,048	Dakota
Big Lake	215	46	Rehab/expand treatment	18,000,000	2,412,000	1,929,600	185,360,648	Sherburne
Lone Pine Twp - Swan Lake	231	44	Unsewered, connect to East Itasca WWTP	9,272,600	9,272,600	7,000,000	192,360,648	Itasca
Winona	237	44	Adv trmt - phos	23,979,976	11,174,669	7,000,000	199,360,648	Winona
				1,018,419,190	448,533,187	250,473,476		
								•

Total estimated unfunded (below dotted line) PSIG need: 98,442,134

Unfunded Projects: 24

14 2/1/2024

Estimated Average Annual Residential Wastewater System Costs, with and without PFA program grants

FY 2024 Potential Wastewater WIF and PSIG Projects, alphabetical order

- Does not include projects that haven't yet submitted system cost information detail

For comparison: The Twin Cities metropolitan area weighted average annual retail charge per household (MCES 2022 survey): $\frac{$377.00}{$}$

					ESTIMATED Project Funding							ES	STIMATED A	verage Annu	al Resident	ial Cost per	нн
					PFA Program Grants Estimated Estimated		Other 0	Grants	Loa	an		Fixed (non-proj	Costs ect costs)	Projec	ct Costs		
Municipality	MPCA 2024 PPL Rank	Project Description	House- holds (Equivalnt Res Units - ERUs)	Estimated Project Cost	Estimated WIF or CWRF PF Grant - Affordblty	Estimated PSIG Grant to Improve WQ	Estimated CWRF PF Grant - Green Proj Resrv	Estimated Other Grants (or local funds)	Source	Estimated PFA CWRF Loan	Estimated USDA-RD Loan	With or Without PFA Grants	Operation & Main- tenance Cost	Existing Debt Service (10 yr avg)	New Project Debt Service	Estimated WIF Replacem ent Fund	Total Annual Cost per HH
Annandale/Maple Lake/Howard Lake	136	Adv trmt - phos, rehab treatment	4,501	12,490,000	-	7,000,000	-	-		5,490,000	-	Without PFA Grants With PFA Grants	504.52 504.52	196.57 196.57	128.03 56.27	-	829.11 757.36
	105.1	Rehab collect, part A Schlieman	1 200	2 225 252	4 0 4 5 0 0 0					454.050		Without PFA Grants	563.87	3.80	82.48	-	650.15
Appleton 1	195.1	Ave	1,290	2,306,250	1,845,000	-	-	- - 		461,250	-	With PFA Grants	563.87	3.80	16.50	30.00	614.17
Aurora	1	Rehab treatment	990	17,700,000	5.000.000	7,000,000	_	-		5,700,000	_	Without PFA Grants	368.33	38.09	824.87	-	1,231.29
				,,	.,,	,,				., .,,		With PFA Grants	368.33	38.09	265.64	30.00	702.06
Braham 2	96.2	Rehab collection	960	4,630,000	3,704,000	-	-	- -		926,000	-	Without PFA Grants With PFA	364.26	530.54	222.51	-	1,117.32
												Grants Without PFA	364.26	530.54	44.50	30.00	969.31
Brewster	222	Adv trmt - phos, rehab treatment	699	9,010,900	-	2,018,442	-	-		6,992,458	-	Grants With PFA	238.91	-	594.76 461.53	-	833.67 700.44
												Grants Without PFA Grants	237.26	-	485.94	-	723.21
Cosmos	7	Rehab collection, Phase 2	307	4,398,733	2,209,176	-	-	1,019,000	USDA-RD	-	1,170,557	With PFA Grants	237.26	-	168.30	30.00	435.57
Crosby	79	Rehab collection, ph 2	1,331	2,552,700	1,979,189					573,511		Without PFA Grants	403.04	60.83	88.48	-	552.35
Crosby	73	Kenab conection, ph 2	1,331	2,332,700	1,575,165	_				373,311		With PFA Grants	403.04	60.83	19.88	30.00	513.75
Eagle Bend	121	Rehab collection, Ph 5	298	794,900	635,920	-	-	-		158,980	-	Without PFA Grants	262.74	444.29	123.07	-	830.10
		,		,	,					,		With PFA Grants	262.74	444.29	24.61	30.00	761.64
Evansville	220	Rehab collection and treatment, LS	346	835,000	312,449	-	-	-		522,551	-	Without PFA Grants With PFA	416.76	88.97	111.34	-	617.08
		LJ						! !		! !		Grants Without PFA	416.76	88.97	69.68	30.00	605.42
Fairmont	72	Rehab trmt, biosolids improvements	9,185	32,183,915	-	6,259,400	-	<u> </u> - 		25,924,515	-	Grants With PFA	185.75	25.16	161.66	-	372.57 341.13
		-						<u> </u>		<u> </u>		Grants	185.75	25.16	130.22	-	341.13

Estimated Average Annual Residential Wastewater System Costs, with and without PFA program grants

FY 2024 Potential Wastewater WIF and PSIG Projects, alphabetical order

- Does not include projects that haven't yet submitted system cost information detail

For comparison: The Twin Cities metropolitan area weighted average annual retail charge per household (MCES 2022 survey): $\frac{$377.00}{$}$

					ESTIMATED Project Funding							ES	STIMATED A	verage Annu	ıal Resident	ial Cost per	нн
					PF.	A Program Gra	ants	Other G	irants	Lo	an		Fixed (non-proj	Costs ect costs)	Projec	ct Costs	
Municipality	MPCA 2024 PPL Rank	Project Description	House- holds (Equivalnt Res Units - ERUs)	Estimated Project Cost	Estimated WIF or CWRF PF Grant - Affordblty	Estimated PSIG Grant to Improve WQ	Estimated CWRF PF Grant - Green Proj Resrv	Estimated Other Grants (or local funds)	Source	Estimated PFA CWRF Loan	Estimated USDA-RD Loan	With or Without PFA Grants	Operation & Main- tenance Cost	Existing Debt Service (10 yr avg)	New Project Debt Service	Estimated WIF Replacem ent Fund	Total Annual Cost per HH
Hanley Falls	11	Rehab collection ph 2	103	2,700,000	1,755,000	_	_	945,000	USDA-RD	_	_	Without PFA Grants	367.96	237.72	752.11	-	1,357.79
					_,,							With PFA Grants	367.96	237.72	-	30.00	635.68
Henning	101	Rehab collection Ph 2, Imnan St	426	1,166,978	933,582	-	-	-		233,396	-	Without PFA Grants With PFA	327.77	293.43	126.39	-	747.58
												Grants Without PFA	327.77 362.88	293.43 517.02	25.28 308.88	30.00	1,188.78
Howard Lake	183	Rehab collection, Ph 2	1,139	7,625,500	2,230,459	-	-	-		5,395,041	-	Grants With PFA	362.88	517.02	218.53	30.00	1,128.43
		Rehab collection Ph1, connect										Grants Without PFA Grants	420.00	369.83	118.52	-	908.35
Kandiyohi	27	unsewered area	255	2,133,000	582,700	-	-	1,448,300	USDA-RD	- 	102,000	With PFA Grants	420.00	369.83	17.66	30.00	837.49
Kandiyohi Co - Glacial Lakes SSWD	<i>4</i> 7 1	Rehab treatment, ph 2, adv trmt	3,250	13,200,000	_	6,898,539	_	_		6,301,461	_	Without PFA Grants	411.62	432.93	187.39	-	1,031.93
1	77.1	nenab treatment, pm 2, adv time	3,230	13,200,000		0,030,333				0,301,401		With PFA Grants	411.62	432.93	89.46	-	934.00
Lake Crystal	8	Regionalize, connect to Mankato	1,185	16,000,000	1,214,225	7,000,000	-	-		7,785,775	-	Without PFA Grants With PFA	575.90	61.90	622.94	-	1,260.74
												Grants Without PFA	575.90	61.90	303.13	30.00	970.93
Lake Lillian	51	Rehab collection, ph 2	132	4,477,000	1,909,700	-	-	1,448,300	USDA-RD	-	1,119,000	Grants With PFA	242.42	60.00	1,012.80 374.19	30.00	706.62
												Grants Without PFA	617.65	353.06	993.86	-	1,964.57
Lewiston	84	Rehab collection and treatment	680	14,648,278	5,000,000	-	-	-		9,648,278	-	Grants With PFA Grants	617.65	353.06	654.62	30.00	1,655.33
Lene Dusinia 1	247.1	Dahah and turnt Dh 1 main IC	2.752	2 622 500	2 000 000					F24 700		Without PFA Grants	387.66	492.98	43.97	-	924.61
Long Prairie 1	247.1	Rehab and trmt Ph 1, main LS	2,753	2,623,500	2,098,800	-	-	-		524,700		With PFA Grants	387.66	492.98	8.79	30.00	919.43
Madison	172	Rehab collection, TH75 & TH40	1,000	2,899,998	2,319,998	-	-	-		580,000	-	Without PFA Grants	348.93	265.59	133.80	-	748.32
		· 								i ! ! !		With PFA Grants	348.93	265.59	26.76	30.00	671.28

16

2/1/2024

Estimated Average Annual Residential Wastewater System Costs, with and without PFA program grants

FY 2024 Potential Wastewater WIF and PSIG Projects, alphabetical order

- Does not include projects that haven't yet submitted system cost information detail

For comparison: The Twin Cities metropolitan area weighted average annual retail charge per household (MCES 2022 survey): $\frac{$377.00}{$}$

					ESTIMATED Project Funding							E	STIMATED A	verage Annı	ual Resident	ial Cost per	нн
					PF.	A Program Gr	ants	Other	Grants	Lo	an		Fixed (non-proj	Costs ect costs)	Projec	ct Costs	
Municipality	MPCA 2024 PPL Rank	Project Description	House- holds (Equivalnt Res Units - ERUs)	Estimated Project Cost	Estimated WIF or CWRF PF Grant - Affordblty	Estimated PSIG Grant to Improve WQ	Estimated CWRF PF Grant - Green Proj Resrv	Estimated Other Grants (or local funds)	Source	Estimated PFA CWRF Loan	Estimated USDA-RD Loan	With or Without PFA Grants	Operation & Main- tenance Cost	Existing Debt Service (10 yr avg)	New Project Debt Service	Estimated WIF Replacem ent Fund	Total Annual Cost per HH
Mazeppa	232	Rehab collection and treatment	387	15,404,300	2,513,423	2,486,577	-	6,036,000	USDA-RD	-	4,368,300	Without PFA Grants With PFA	443.15	-	1,068.54	-	1,511.69
Newtonder	28	Rehab collection, 4th Ave, Birch	806	672 505	F20.076					124 710		Grants Without PFA Grants	443.15 675.08	84.94	498.24 33.34	30.00	971.40 793.36
New London	28	St	806	673,595	538,876			-		134,719		With PFA Grants Without PFA	675.08	84.94	6.67	30.00	796.69
Ogilvie	44	Adv trmt - phos/mercury, rehab treatment	195	9,118,000	3,010,804	1,118,196	-	4,733,000	USDA-RD	-	256,000	Grants With PFA Grants	521.74 521.74	39.36 39.36	877.05 51.20	30.00	1,438.15
Otsego - West WWTP	131	Adv trmt - phos, expand treatment	5,626	42,045,359	-	7,000,000	1,000,000	-		34,045,359	-	Without PFA Grants With PFA	311.36	253.81	344.80	-	909.97
						7 000 000						Grants Without PFA Grants	311.36 241.92	253.81 12.75	279.19 110.89	-	844.37 365.56
Redwood Falls	145	Adv trmt - phos, rehab WWTP	4,144	9,960,000	-	7,000,000	-	-		2,960,000	-	With PFA Grants	241.92	12.75	32.95	-	287.62
Rochester	49	Rehab treatment, liquid & solids upgrade	69,421	78,392,964	-	7,000,000	-	935,000	22 fed earmark	70,457,964	-	Without PFA Grants With PFA	195.05 195.05	50.99	51.48 46.83	-	297.51
Silver Lake	9	Adv trmt - phos, rehab collection	440	10,960,804	3,114,000	_	-	1,678,000	USDA-RD	-	6,168,804	Grants Without PFA Grants	233.68	69.12	931.25	-	1,234.05
		and ponds								<u> </u>		With PFA Grants Without PFA	233.68 462.96	69.12	618.86 2,968.04	30.00	951.66 3,431.01
Trosky	37	Unsewered, collection and treatment	54	4,424,965	-	3,539,972	=	793,993	USDA-RD	-	91,000	Grants With PFA Grants	462.96	-	74.39	-	537.35
Vernon Center	106	Rehab collection	163	5,592,797	1,367,871	-	-	1,991,797	USDA-RD, SCDP, 2020	-	2,233,129	Without PFA Grants With PFA	264.00	128.83	975.16	-	1,368.00
									SPAP	<u> </u>		Grants Without PFA	264.00 303.20	128.83 29.21	909.63	30.00	1,027.57
Wabasso 1	21.1	Rehab collection	354	11,187,000	2,910,000	-	-	3,892,000	USDA-RD	-	4,385,000	Grants With PFA Grants	303.20	29.21	546.77	30.00	909.19

17

2/1/2024

Estimated Average Annual Residential Wastewater System Costs, with and without PFA program grants

FY 2024 Potential Wastewater WIF and PSIG Projects, alphabetical order

- Does not include projects that haven't yet submitted system cost information detail

For comparison: The Twin Cities metropolitan area weighted average annual retail charge per household (MCES 2022 survey): $\frac{$377.00}{$}$

					ESTIMATED Project Funding							E:	STIMATED A	verage Annu	al Resident	ial Cost per	нн
					PFA Program Grants			Other Grants		Lo	an			Costs	Projec	ct Costs	
	MPCA 2024 PPL		House- holds (Equivalnt Res Units -	Estimated	Estimated WIF or CWRF PF Grant -	Estimated PSIG Grant to Improve	Estimated CWRF PF Grant - Green Proj	Estimated Other Grants		Estimated PFA CWRF	Estimated USDA-RD	With or Without	Operation & Main- tenance	Existing Debt Service (10	New Project Debt	Estimated WIF Replacem	Total Annual
Municipality	Rank	Project Description	ERUs)	Project Cost	Affordblty	wq	Resrv	funds)	Source	Loan	Loan	PFA Grants	Cost	yr avg)	Service	ent Fund	Cost per HH
Walker	254	Rehab collection	874	853,463	659,482	=				193,981		Without PFA Grants	197.12	255.68	39.90	-	492.70
walkei	254	Renab conection	874	655,465	659,462	_	-	-		195,961	-	With PFA Grants	197.12	255.68	9.07	30.00	491.87
Winger	160	Rehab collection and treatment	133	4,805,000	2,200,000	_		1,810,000	LISDA PD	_	795,000	Without PFA Grants	350.62	-	878.28		1,228.91
willger	100	Reliab collection and treatment	133	4,803,000	2,200,000			1,810,000	USDA-ND		793,000	With PFA Grants	350.62	-	233.13	30.00	613.76
Wood Lake	4	Rehab treatment, collection ph 2	207	4,735,745	320,784	659,216		3,555,745	LISDA PD	_	200,000	Without PFA Grants	364.73	206.38	251.62		822.74
WOOU Lake	4	nenab treatment, confection pil 2	207	4,733,743	320,764	039,210	-	3,333,743	O3DA-KD	- ! ! !	200,000	With PFA Grants	364.73	206.38	42.65	30.00	643.76
Zumbro Township	15	Unsewered - Ryans Bay, LSTS	88	9,395,622	1,760,000	7,000,000		_		635,622		Without PFA Grants	977.27	-	4,289.80		5,267.07
Zumbro Township 15	13	with nitrogen trmt	38	3,333,022	1,700,000	7,000,000				033,022		With PFA Grants	977.27	-	290.21	30.00	1,297.48