



MINNESOTA

PUBLIC FACILITIES AUTHORITY

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, 2025

**Minnesota Public Facilities Authority
2025 Estimated Funding Needs Report**

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Introduction

The Minnesota Public Facilities Authority (MPFA) helps municipalities throughout the State finance construction projects to meet their wastewater and drinking water needs. The primary source of MPFA project funding are low interest loans from the Clean Water Revolving Fund (CWRF) and the Drinking Water Revolving Fund (DWRF). The revolving funds are supported by annual federal capitalization grants and state matching funds. Loan repayments revolve back to make new loans.

The MPFA also administers two large state grant programs. The Water Infrastructure Funding Program (WIF) provides grants based on affordability criteria. The Point Source Implementation Grant (PSIG) Program 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 their estimated grant need 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 15-17 provides an analysis of the local cost impact of these programs for potential 2025 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 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 (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. MPCA and MDH rank projects expected to proceed with construction within a five-year period on the PPLs according to the age and condition of existing infrastructure and environmental and public health criteria. The MPFA evaluates all CWRF and DWRF loan applications for potential 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.

The MPFA awards WIF grants to eligible projects based on their priority rank on the MPCA or MDH project priority lists and their readiness to proceed. Pursuant to 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. The MPFA reserves funds in an amount 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 received and all application information is verified. When a project's as-bid costs would result in a grant need 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 average cost per household is calculated as a percentage of median household income of the project service area. When a project serves 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 the 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 the 1.4 percent or 1.2 percent threshold, up to a maximum grant of 80% of eligible project costs or \$5,000,000. WIF program assistance is only for project costs 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. The Essential Project Component percentage 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 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 grant 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 2025 Project Priority Lists. The top of each table shows the funds from prior appropriations available at the start of the fiscal year. Grey shading indicates projects since the beginning of FY 2025 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 instead of WIF grants. Federal principal forgiveness funds come from a portion of the annual federal funding for the state revolving loan programs and have significantly increased with funding

from the Infrastructure Investment and Jobs Act (IIJA). Federal law provides that principal forgiveness funds may be awarded as grants to reduce project costs that would otherwise be included in loan principal. Under state statutes, federal principal forgiveness grants may be awarded based on the same affordability criteria as WIF grants. State statutes also authorize principal forgiveness grants for green infrastructure projects and other specified project types.

The WIF tables show the total funds available from prior WIF appropriations and federal principal forgiveness at the start of the fiscal year. Each table divides projects 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 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 WIF eligible projects in 2025 and beyond. Currently, new projects (with the exception of high priority drinking water emerging contaminant projects) are not included in the 2025 IUP fundable range due to the lack of state match appropriations for the CWRP and DWRP. The list of potential WIF eligible projects may grow as additional project information is received.

Total estimated unfunded WIF needs (offset by significant IIJA principal forgiveness funds) for identified projects on the 2025 Project Priority Lists are \$64 million for drinking water and \$39 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 specific pollutant requirements 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 2025 Project Priority List, starting with Carryover Projects (certified prior to June 30, 2024) in priority order, followed by FY 2025 PSIG applications in priority order. The MPCA has not yet confirmed PSIG project eligibility and eligible costs for FY 2025 applications. In most cases, the PSIG eligible costs and estimated grant amounts for these projects have been 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 2025 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 \$124 million for 26 projects. New PSIG applications will again be accepted in July 2025.

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 for WIF eligibility in MS 446A.072. Only new project costs can be offset by MPFA grants and loans. Operation and maintenance and existing debt service are fixed costs that cannot be reduced by MPFA project funding.

Table 4 on pages 15-17 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 MPFA WIF and PSIG grants. Estimated new project debt service assumes current MPFA or USDA RD loan rates and terms. For purposes of the report, it is assumed that estimated MPFA or USDA RD loan amounts for each project would increase by the amount of the WIF and/or PSIG grants under the “Without MPFA Grants” scenario.

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 utility costs than larger cities because they have fewer users over which to spread system costs. In addition, there are many other factors that vary significantly from one community to another which can make it difficult to compare user costs. These factors 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.

Estimated Funding Needs Report
Table 1

Minnesota Public Facilities Authority
Water Infrastructure Funding (WIF) Program

WIF - DRINKING WATER
FY 2025

Potential WIF Grant Eligible Projects

- Grant estimates based on affordability criteria and preliminary project information
- 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:

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

Previous WIF appropriations, available as of 7/1/24:	28,452,082
Potential transfer from CW WIF	28,000,000
	\$ 56,452,082
2024 base federal PF (grant) available as of 7/1/24:	1,842,000
2022 IJJA PF (IJJA Yr 1) as of 7/1/24:	2,181,819
2023 IJJA PF (IJJA Yr 2) as of 7/1/24:	15,606,500
2024 IJJA PF (IJJA Yr 3) expected 6/1/25:	17,036,810
	\$ 36,667,129

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 Rank	MDH Pts	Project Description	Estimated Project Cost	Estimated DWRf Fed PF Grant - Affordability	Estimated WIF Grant with PFA DWRf Loan	Estimated WIF Grant to match USDA-RD	Estimated WIF Need, Cumulative	County
WIF Needs - FY 2020 Carryover Projects (certified FY20)								
Tower	9	25	Treatment - Plant Improvements	10,689,040	4,844,509	-	-	St. Louis
FY 2020 Carryover Projects			10,689,040	4,844,509	-	-		
WIF Needs - FY 2021 Carryover Projects (certified FY21)								
Onamia	217	12	Treatment - New Plant	9,751,000	-	4,350,000	4,350,000	Mille Lacs
Dawson	230	12	Treatment - Plant Rehab	1,232,500	-	969,844	5,319,844	Lac qui Parle
La Salle	246	12	Watermain - Looping	332,000	-	151,000	5,470,844	Watsonwan
Kennedy	555	10	Storage - Booster Stat., Gen. Demo Tc	1,925,500	-	350,000	5,820,844	Kittson
FY 2021 Carryover Projects			13,241,000	-	969,844	4,851,000		
WIF Needs - FY 2022 Carryover Projects (certified FY22)								
Danube	5	30	Treatment - New Ra/Fe/Mn Plant	9,100,000	-	4,325,027	10,145,871	Renville
Danube	208	13	Source - New Well	500,000	-	212,973	10,358,844	Renville
Appleton	370	10	Watermain - Replace Schlieman, Ph 1	2,153,940	-	1,723,152	12,081,996	Swift
Appleton	372	10	Watermain - Replace Schlieman, Ph 2	2,593,165	-	2,074,532	14,156,528	Swift
Blue Earth	482	10	Treatment - RO for Softening	13,860,000	-	5,000,000	19,156,528	Faribault
Ortonville	576	10	Watermain - Phase 3a	10,000,000	-	5,000,000	24,156,528	Big Stone
FY 2022 Carryover Projects			38,207,105	-	13,797,684	4,538,000		
WIF Needs - FY 2023 Carryover Projects (certified FY23)								
Clearbrook	22	20	Treatment - Manganese Plant & Well	5,018,701	-	-	24,156,528	Clearwater
Aurora	165	15	Consolidation - E Mesabi Joint Water S	32,997,318	5,000,000	-	24,156,528	St. Louis
Henning	425	10	Watermain - Replace Cast Iron Main	8,325,000	-	5,000,000	29,156,528	Otter Tail
Kiester	502	10	Watermain - Distribution Improvements	5,231,330	-	1,695,000	30,851,528	Faribault
Kiester	504	10	Treatment - Plant Improvements	6,102,330	-	87,000	30,938,528	Faribault
Edgerton	511	10	Watermain - Repl Cast Iron Mains	3,069,000	-	1,535,000	32,473,528	Pipestone
Red Lake Falls	593	10	Watermain - Repl Bottineau Ave/River	5,358,600	-	1,682,000	34,155,528	Red Lake
FY 2023 WIF Needs			66,102,279	5,000,000	5,000,000	4,999,000		
WIF Needs - FY 2024 Carryover Projects (certified FY24)								
Ellsworth	1	40	Other - Reduce Nitrate Connect to LPS	1,926,000	409,732	-	34,155,528	Nobles
Elysian	8	30	Treatment - Radium Treatment with RC	8,345,295	728,444	1,132,341	35,287,869	Waseca
Hill City	24	20	Treatment - Manganese Treatment Pla	9,831,350	5,000,000	-	35,287,869	Aitkin
Atwater	69	20	Treatment - Manganese Treatment & V	7,303,000	3,442,400	-	35,287,869	Kandiyohi
Delavan	83	20	Treatment - Manganese Plant Rehab	2,018,300	205,235	-	35,287,869	Faribault
Stewart	263	12	Watermain - Looping Improvements	970,228	410,982	-	35,287,869	McLeod
Gilbert	274	12	Treatment - New Treatment Plant	12,759,000	5,000,000	-	35,287,869	St. Louis
Underwood	282	12	Treatment - Replace Plant	4,333,500	3,217,869	-	35,287,869	Otter Tail
Kandiyohi	322	11	Storage - Repl Tower w/75,000 Gal To	1,726,700	-	1,122,000	36,409,869	Kandiyohi
Aurora	350	10	Watermain - W 1st Ave. N. Reconstruc	2,611,000	-	2,088,800	38,498,669	St. Louis
Aurora	351	10	Watermain - W3rd Ave/Main St Replac	2,431,000	-	1,944,800	40,443,469	St. Louis
Eagle Bend	382	10	Watermain -Phase 5	994,170	-	795,336	41,238,805	Todd
Henning	431	10	Treatment - Facility Rehab	7,287,909	-	5,000,000	46,238,805	Otter Tail
Crosby	441	10	Watermain - Phase 3B Imp. 2024/2021	1,756,841	-	1,405,473	47,644,278	Crow Wing
Frazer	467	10	Watermain - Replace East Main Ave.	735,000	-	588,000	48,232,278	Becker
Madison	469	10	Treatment - Plant Rehab	5,550,000	-	4,440,000	52,672,278	Lac Qui Parle
Stewart	520	10	Watermain - Distribution Reconstructio	1,394,026	750,021	-	52,672,278	McLeod
Randall	529	10	Watermain - Water System Improve	4,000,000	2,067,478	-	52,672,278	Morrison
Olivia	552	10	Treatment - RO addition	5,201,280	4,161,024	-	52,672,278	Renville
Belview	623	10	Watermain - Street Utility Replacement	7,490,000	-	250,000	52,922,278	Redwood
Kandiyohi	663	10	Watermain - Phase 1 - Replacement	2,332,300	-	1,319,000	54,241,278	Kandiyohi
Ghent	693	10	Watermain - Replacement Phase 1	3,365,500	-	1,309,410	55,550,688	Lyon
Lowry	809.1	7	Watermain - Replace & Loop, Ph 1	306,700	-	244,890	55,795,578	Pope
FY 2024 WIF Needs			94,669,099	25,393,184	18,949,050	2,691,000		

Estimated Funding Needs Report
Table 1

MDH Rank	MDH 2025 PPL Pts	MDH 2025 PPL Pts	Project Description	Estimated Project Cost	Estimated DWRFF Fed PF Grant - Affordability	Estimated WIF Grant with PFA DWRFF Loan	Estimated WIF Grant to match USDA-RD	Estimated WIF Need, Cumulative	County
POTENTIAL FY 2025 WIF Needs (PFA loans for these projects currently not fundable on 2025 IUP unless Emerging Contaminants)									
Avoca	12	23	Other - Manganese Connect to Red Ro	795,000	-	226,846	-	56,022,423	Murray
Cromwell	53	20	Treatment - Manganese Treatment Pla	6,500,000	-	1,500,000	-	57,522,423	Carlton
Marble	59	20	Treatment - Manganese Plant	6,500,000	-	494,101	-	58,016,524	Itasca
Battle Lake	63	20	Treatment - PFAS Removal	7,525,250	-	1,353,730	-	59,370,254	Otter Tail
Coates	161	17.5	Other - New System Supplied by Roser	16,800,000	-	1,700,000	-	61,070,254	Dakota
Nielsville	201	13	Other - Connect to North Dakota ECRV	2,132,000	-	-	960,000	62,030,254	Polk
Winnebago	213	13	Source - Well 3 & Wellhouse	937,500	-	750,000	-	62,780,254	Faribault
Elbow Lake	235	12	Watermain - Replace & Loop 2nd	1,200,000	-	960,000	-	63,740,254	Grant
Harris	312	12	Source - New Well	1,500,000	-	720,000	-	64,460,254	Chisago
Walker	352	10	Watermain - Westside Area	1,830,000	-	668,661	-	65,128,915	Cass
Appleton	371	10	Watermain - Replace 20 Blocks	28,400,000	-	5,000,000	-	70,128,915	Swift
Houston	427	10	Watermain - Jackson, Lincoln, Spruce :	695,250	-	556,200	-	70,685,115	Houston
Boyd	453	10	Watermain - Replacement (Phase 2)	2,574,000	-	-	1,673,100	72,358,215	Lac Qui Parle
Elbow Lake	514	10	Storage - Tower Rehab	700,000	-	560,000	-	72,918,215	Grant
Ortonville	577	10	Watermain - Phase 3b	8,520,061	-	5,000,000	-	77,918,215	Big Stone
Royalton	591	10	Storage - Tower Rehab	650,000	-	520,000	-	78,438,215	Morrison
Royalton	613	10	Watermain - Improvements & Looping	1,340,600	-	1,072,480	-	79,510,695	Morrison
Lake Lillian	636	10	Watermain - Repl & Loop	4,467,000	-	-	2,327,000	81,837,695	Kandiyohi
Hoyt Lakes	731	10	Other - Connect to ERWB	18,640,000	-	5,000,000	-	86,837,695	St. Louis
Lowry	770	8	Source - New Wells	396,200	-	316,960	-	87,154,655	Pope
Lowry	808	7	Treatment - Plant Improvements	150,000	-	120,000	-	87,274,655	Pope
Lowry	809.2	7	Watermain - Replace & Loop, Ph 2	2,805,800	-	2,137,760	-	89,412,415	Pope
FY 2025 WIF Needs				148,205,161	-	28,656,737	4,960,100		
Other Potential WIF Needs (Estimated), FY 2026...									
MDH Rank	MDH 2025 PPL Pts	MDH 2025 PPL Pts	Project Description	Estimated Project Cost	Affordability - based Principal Forgiveness Grant	Estimated WIF Grant with PFA DWRFF Loan	Estimated WIF Grant to match USDA-RD	Estimated WIF Need, Cumulative	County
Lafayette	182	15	Treatment - Plant Addition	2,779,210	-	1,423,368	-	90,835,783	Nicollet
Bellingham	269	12	Treatment - New Plant	4,180,000	-	1,456,138	-	92,291,921	Lac Qui Parle
Garfield	272	12	Treatment - New Fe/Mn Plant & Well	4,536,000	-	1,902,753	-	94,194,674	Douglas
Hokah	276	12	Treatment - New Plant or Blend	3,000,000	-	431,218	-	94,625,892	Houston
Atwater	281	12	Source - Well & Wellhouse Improve	1,330,000	-	1,064,000	-	95,689,892	Kandiyohi
Harris	311	12	Watermain - Looping	541,600	-	433,280	-	96,123,172	Chisago
Mendota	313	12	Watermain - Area 1 Loop	1,795,000	-	200,000	-	96,323,172	Dakota
Mendota	314	12	Watermain - Area 3 Loop	2,066,000	-	580,000	-	96,903,172	Dakota
Onamia	330	10	Storage - Tower Rehab	365,298	-	-	95,022	96,998,194	Mille Lacs
Erskine	373	10	Storage - Remove Original Tower	58,000	-	46,400	-	97,044,594	Polk
Erskine	374	10	Watermain - Replace 1947 Lines	1,179,150	-	943,320	-	97,987,914	Polk
Rushmore	415	10	Watermain - Connection to LPRWS	2,910,000	-	-	486,850	98,474,764	Nobles
Tracy	424	10	Watermain - Loop and Replace	2,547,000	-	-	1,178,450	99,653,214	Lyon
Lewisville	541	10	Watermain - Replace Cast Iron WMs	5,009,000	-	2,657,957	-	102,311,171	Watsonwan
Hokah	572	10	Watermain - Distribution System Imp.	3,540,000	-	863,218	-	103,174,389	Houston
Comfrey	579	10	Watermain - Replace Cast Iron Main	1,678,000	-	653,938	-	103,828,327	Brown
Warren	630	10	Watermain - Ross Ave. Utility Repl Prjc	520,000	-	258,000	-	104,086,327	Marshall
Russell	631	10	Watermain - Replacement Phase 2	5,774,000	-	-	2,915,900	107,002,227	Lyon
Wood Lake	705	10	Watermain - Repl Cast Iron & AC Main	8,692,000	-	-	3,280,095	110,282,322	Yellow Medicine
Silver Lake	798	7	Treatment - New Pressure Filter Plant	2,525,000	-	-	1,364,739	111,647,061	McLeod
Vernon Center	812	7	Treatment - New Plant	4,370,108	-	-	1,966,897	113,613,958	Blue Earth
Silver Lake	874	5	Storage - New 115,000 Gallon Tank	1,000,000	-	-	540,491	114,154,448	McLeod
Greenbush	878	5	Watermain - Repl Area 7 - Main & Park	821,544	-	657,235	-	114,811,683	Roseau
Greenbush	879	5	Watermain - Repl Area 8 -2nd & Johns	837,537	-	670,030	-	115,481,713	Roseau
Silver Lake	901	5	Source - Rehab Wells	583,930	-	-	315,609	115,797,322	McLeod
Silver Lake	902	5	Storage - New Standpipe	1,399,000	-	-	756,146	116,553,468	McLeod
Silver Lake	903	5	Watermain - Distribution Reconstructio	6,701,152	-	-	3,621,910	120,175,378	McLeod
				70,738,529	-	14,240,855	16,522,108		

Estimated unfunded WIF Need (below dotted line): 63,723,296
Unfunded Projects: 49

Estimated Funding Needs Report
Table 2

Minnesota Public Facilities Authority
Water Infrastructure Funding (WIF) Program

WIF - WASTEWATER
FY 2025

Potential WIF Grant Eligible Projects

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

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

Previous WIF appropriations, available as of 7/1/24:	43,819,573
Potential transfer to DW WIF:	(28,000,000)
	\$ 15,819,573
2023-24 base federal PF (grant) available as of 7/1/24:	5,400,006
2022 IJJA PF (IJJA Yr 1) as of 7/1/24:	16,029,370
2023 IJJA PF (IJJA Yr 2) as of 7/1/24:	18,772,390
2024 IJJA PF (IJJA Yr 3) expected 6/1/25:	20,481,510
	\$ 60,683,276

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 Rank	MPCA 2025 PPL Pts	Project Description	Estimated Project Cost	Estimated CWRP Fed PF Grant - Green	Estimated CWRP Fed PF Grant - Affordability	Estimated WIF Grant with PFA CWRP Loan	Estimated WIF Grant to match USDA-RD	Estimated WIF Need, Cumulative	County
WIF Needs - FY 2022 Carryover Projects (certified FY22)									
Trosky	35	73	Unsewered, collection and treatment	5,358,800	-	-	500,000	500,000	Pipestone
Appleton	206.1	47	Rehab collect, part A Schlieman Ave	1,723,494	-	1,378,795	-	500,000	Swift
Appleton	206.2	47	Rehab collect, part B Schlieman Ave	2,206,922	-	1,765,538	-	500,000	Swift
FY 2022 Carryover Projects			9,289,216	-	3,144,333	-	500,000		
WIF Needs - FY 2023 Carryover Projects (certified FY23)									
Silver Lake	9	88	Adv trmt - phos, rehab collection and ponds	8,952,000	-	-	3,114,000	3,614,000	McLeod
Pelican Rapids	80	63	Rehab collection (TH59/108)	2,888,723	-	2,310,978	-	3,614,000	Otter Tail
Henning	102	60	Rehab collection, main LS and FM	6,510,000	-	5,000,000	-	3,614,000	Otter Tail
Mazeppa	249	44	Rehab collection and treatment	9,746,000	-	-	3,426,792	7,040,792	Wabasha
FY 2023 Carryover Projects			28,096,723	-	7,310,978	-	6,540,792		
WIF Needs - FY 2024 Carryover Projects (certified FY24)									
Aurora	1.1	113	Rehab treatment	18,455,000	-	5,000,000	-	7,040,792	St. Louis
Cosmos	7	88	Rehab collection, Phase 2	9,637,000	-	-	2,210,000	9,250,792	Meeker
Okabena	20	78	Rehab collection and treatment	5,529,000	-	-	1,390,000	10,640,792	Jackson
Kandiyohi	29	73	Rehab collection Ph1, connect unsewered area	2,048,000	-	-	1,264,000	11,904,792	Kandiyohi
Stewart	36	73	Rehab collection	2,273,022	-	1,425,045	-	11,904,792	McLeod
Rochester	46.1	68	Rehab treatment, liquid & solids upgrade	80,000,000	1,000,000	-	-	11,904,792	Olmsted
Crosby	83	63	Rehab collection, ph 2	1,782,769	-	1,426,215	-	11,904,792	Crow Wing
Gilman	87	63	Rehab collection and treatment	6,431,000	-	-	1,700,000	13,604,792	Benton
Lewiston	82	63	Rehab collection and treatment	11,494,986	-	5,000,000	-	13,604,792	Winona
Chisholm	96	61	Rehab collection	952,254	-	-	761,803	14,366,595	St. Louis
Braham	98.2	61	Rehab collection	3,112,000	-	701,574	-	14,366,595	Isanti
Dumont	126	58	Rehab collection, ph 2	2,776,000	-	-	1,040,000	15,406,595	Traverse
Eagle Bend	131	57	Rehab collection, Ph 5	802,026	-	641,621	-	15,406,595	Todd
Randall	163.1	53	Rehab collection	3,582,234	-	566,705	-	15,406,595	Morrison
FY 2024 Carryover Projects			148,875,291	1,000,000	14,761,160	761,803	7,604,000		
POTENTIAL FY 2025 WIF Needs (PFA loans for these projects currently not fundable on 2025 IUP due to lack of state match)									
Appleton	22	77	Adv trmt - phos, biosolids	9,900,000	-	4,232,448	-	15,406,595	Swift
Wabasso	23	76	Rehab collection and treatment, construct ponds	11,187,000	-	-	2,910,000	18,316,595	Redwood
Alpha	26	75	Rehab collection and treatment	6,842,000	-	-	1,320,000	19,636,595	Jackson
Saint Michael	27	75	Adv trmt - phos, replace reed beds	18,000,000	500,000	-	-	19,636,595	Wright
Alexandria Lakes Area	30	73	Adv trmt - phos, expand treatment	77,594,238	1,000,000	-	-	19,636,595	Douglas
Ghent 1	57.1	68	Rehab collection, ph 1	4,662,500	-	1,878,446	-	19,636,595	Lyon
Ghent 2	57.2	68	Rehab treatment, expand pond	5,084,300	-	3,420,000	-	19,636,595	Lyon
New Germany	76	63	Adv trmt - phos, add pond	10,695,650	-	3,660,000	-	19,636,595	Carver
Russell	86	63	Rehab collection and treatment	4,079,000	-	-	1,422,200	21,058,795	Lyon
Randall	163.2	53	Rehab treatment & lift stations	5,600,000	-	4,480,000	-	21,058,795	Morrison
Appleton	208	47	Rehab collection, Ph 2	12,200,000	-	5,000,000	-	21,058,795	Swift
Potential FY 2025 WIF Projects			165,844,688	1,500,000	22,670,894	-	5,652,200		
Other Potential WIF Needs (Estimated), FY 2026...									
MPCA Rank	MPCA 2025 PPL Pts	Project Description	Estimated Project Cost			Estimated WIF Grant with PFA CWRP Loan	Estimated WIF Grant to match USDA-RD	Estimated WIF Need, Cumulative	County
Hanley Falls	11	83	Rehab collection ph 2	2,700,000	-	-	1,755,000	22,813,795	Yellow Medicine
Butterfield	28	73	Rehab collection and treatment	26,000,000	-	-	3,740,000	26,553,795	Watowan
Grand Meadow	34	73	Adv trmt - phos, rehab collection and trmt	13,150,000	-	4,705,209	-	26,553,795	Mower
Edgerton	48	68	Rehab collection, ph 2	10,200,000	-	890,213	-	26,553,795	Pipestone
Lake Lillian	52	68	Rehab collection, ph 2	4,800,000	-	-	2,154,750	28,708,545	Kandiyohi
Ghent 3	57.3	68	Rehab collection, ph 2	1,064,700	-	851,760	-	28,708,545	Lyon
Pelican Rapids	79	63	Rehab collection	3,955,000	-	3,164,000	-	28,708,545	Otter Tail
New Auburn	105	60	Rehab collection and treatment	18,800,000	-	-	4,200,000	32,908,545	Sibley
Lanesboro	111	58	Rehab collection, ph 3	10,898,816	-	1,846,912	-	32,908,545	Fillmore
Ash River San District	157	53	Unsewered, LSTS with nitrogen trmt	27,242,630	-	-	2,220,000	35,128,545	St. Louis
Tintah	174	52	Unsewered, connect to Campbell	2,700,000	-	-	800,000	35,928,545	Traverse
Flensburg	182	51	Rehab collection	2,470,000	-	-	1,196,650	37,125,195	Morrison
Sebeka	196	49	Rehab treatment	4,249,350	-	-	1,211,828	38,337,023	Wadena
Fosston	200	48	Rehab treatment, add pond	12,791,711	-	-	5,000,000	43,337,023	Polk

Estimated Funding Needs Report
Table 2

	MPCA 2025 PPL Rank	MPCA 2025 PPL Pts	Project Description	Estimated Project Cost			Estimated WIF Grant with PFA CWRP Loan	Estimated WIF Grant to match USDA-RD	Estimated WIF Need, Cumulative	County
Sanborn	237	45	Rehab collection and treatment, ph 1	4,852,000	-	-	-	1,884,350	45,221,373	Redwood
Wanamingo	248	44	Regionalize, connect to North Zumbro SD	10,946,045	-	-	-	-	45,221,373	Goodhue
Browerville	274	39	Rehab treatment	6,205,600	-	-	4,964,480	-	50,185,853	Todd
Silver Creek Twp - Stew	296	33	Unsewered, connect to Two Harbors	20,525,000	-	-	-	3,320,000	53,505,853	Lake
Coates	310	14	Unsewered, connect to MCES	12,200,000	-	-	1,700,000	-	55,205,853	Dakota
				195,750,852	-	11,458,095	13,884,480	20,262,578		

Estimated unfunded WIF Need (below dotted line): 39,386,279

Unfunded Projects: 16

Estimated Funding Needs Report
Table 3

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

PSIG
FY 2025

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

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.

Available from appropriation prior to FY25	
Clean Water (Legacy) Fund:	8,941,621
State bonding:	70,570,925
Total available as of 7/1/2024	\$ 79,512,546

PSIG Grant Applicant	MPCA 2025 PPL Rank	MPCA 2025 PPL Pts	Project Description	Estimated Total Project Cost	Estimated PSIG Eligible Project Costs	Estimated PSIG Grant (80%, \$7M max) NOT FINAL	Estimated Grant Need, Cumulative	County
FY 2021 PSIG Carryover Projects (MPCA certified FY21)								
Mankato	236	45	Rehab trmt, digester and disinfection improvement	83,000,000	12,827,078	7,000,000	7,000,000	Blue Earth
FY 2022 PSIG Carryover Projects (MPCA certified FY22)								
Fairmont	74	63	Rehab trmt, biosolids improvements	32,183,915	7,824,249	6,259,400	13,259,400	Martin
Minnehaha Creek WD - Stormwater	139	56	Blake Road stormwater trmt, ph 2/3	4,330,000	4,330,000	3,464,000	16,723,400	Hennepin
Annandale/Maple Lake/Howard Lake	147	55	Adv trmt - phos, rehab treatment	12,490,000	12,157,616	7,000,000	23,723,400	Wright
Sacred Heart WTP	290	36	Adv trmt - chlorides, install RO	8,617,000	8,617,000	6,893,600	30,617,000	Renville
FY 2023 PSIG Carryover Projects (MPCA certified FY23)								
Trosky	35	73	Unsewered, collection and treatment	5,358,800	5,358,800	3,945,800	34,562,800	Pipestone
Kandiyohi Co - Glacial Lakes SSWD 1	47.1	68	Rehab treatment, ph 2, adv trmt	22,362,905	8,627,261	6,901,809	41,464,609	Kandiyohi
Braham	98.1	61	Rehab treatment	7,447,444	885,707	708,565	42,173,174	Isanti
Redwood Falls	155	54	Adv trmt - phos, rehab WWTP	9,450,010	8,397,670	6,718,137	48,891,311	Redwood
Saint Paul - Stormwater	197	48	Flandrau-Case Pond expansion and filter bench	878,025	878,025	702,420	49,593,731	Ramsey
Blue Earth WTP	239	45	Adv trmt - chlorides, new WTP	13,860,000	10,730,323	7,000,000	56,593,731	Blue Earth
Mazeppa	249	44	Rehab collection and treatment	9,746,000	1,966,511	1,573,208	58,166,939	Wabasha
FY 2024 PSIG Carryover Projects (MPCA certified FY24)								
Aurora	1.1	113	Rehab treatment	18,455,000	12,546,544	7,000,000	65,166,939	St. Louis
Sandstone	32	73	Adv trmt - phos	560,000	560,000	448,000	65,614,939	Pine
Rochester	46.1	68	Rehab treatment, liquid & solids upgrade	80,000,000	15,518,605	7,000,000	72,614,939	Olmsted
Blue Earth - Riverside	59	67	Unswrd, connect to Blue Earth	7,646,823	3,735,508	2,988,406	75,603,345	Faribault
Cologne	81	63	Adv trmt - phos, expand trmt	23,340,000	10,333,125	7,000,000	82,603,345	Carver
Brewster	85	63	Adv trmt - phos, rehab treatment	9,452,600	1,967,923	1,574,339	84,177,684	Nobles
Scandia - Bliss	189	50	Adv trmt - nitrogen, rehab LSTS	1,600,900	1,600,900	1,280,720	85,458,404	Washington
Apple Valley - Stormwater	209	47	Whitney Pond expansion	1,036,000	1,036,000	828,800	86,287,204	Dakota

Estimated Funding Needs Report
Table 3

PSIG Grant Applicant	MPCA	MPCA	Project Description	Estimated Total Project Cost	Estimated PSIG Eligible Project Costs	Estimated PSIG Grant (80%,\$7M max)	Estimated Grant Need, Cumulative	County
	2025 PPL	2025 PPL				NOT FINAL		
Winona	243	44	Adv trmt - phos	33,400,000	13,281,518	7,000,000	93,287,204	Winona
<i>New 2025 Applications and Uncertified Apps from Prior Years (projects must be certified in FY25 to be fundable)</i>								
Lake Crystal	6	88	Regionalize, connect to Mankato	19,312,750	19,312,750	7,000,000	100,287,204	Blue Earth
Wood Lake	10	83	Rehab treatment, collection ph 2	4,735,745	824,020	659,216	100,946,419	Yellow Medicine
Belle Plaine	12	83	Adv trmt - phos, rehab/expand	27,613,400	11,183,427	7,000,000	107,946,419	Scott
Medford	17	79	Regionalize, connect to Owatonna	7,448,000	7,448,000	5,958,400	113,904,819	Steele
Albert Lea	21	78	Adv trmt – phos, rehab treatment	80,000,000	41,200,000	7,000,000	120,904,819	Freeborn
Appleton	22	77	Adv trmt - phos, biosolids	9,900,000	5,761,800	4,609,440	125,514,259	Swift
Saint Michael	27	75	Adv trmt - phos, replace reed beds	18,000,000	8,946,000	7,000,000	132,514,259	Wright
Alexandria Lakes Area San Dist	30	73	Adv trmt – phos, expand treatment	77,594,238	57,419,736	7,000,000	139,514,259	Douglas
Spring Valley	40.2	72	Rehab treatment	13,580,000	9,085,020	7,000,000	146,514,259	Fillmore
West Union	43	71	Unsewered, collection and treatment, spray irrigati	8,750,000	8,750,000	7,000,000	153,514,259	Todd
Nobles County - Reading	50	68	Unsewered, new collection and pond	6,615,500	6,615,500	5,292,400	158,806,659	Nobles
Mayer	75	63	Rehab treatment, biosolids	12,767,250	5,119,667	4,095,734	162,902,393	Carver
New Germany	76	63	Adv trmt - phos, add pond	10,695,650	2,591,556	2,073,245	164,975,638	Carver
Saint Peter	107	59	Rehab treatment	24,500,000	18,375,000	7,000,000	171,975,638	Nicollet
Sacred Heart	144	56	Biosolids improvements	2,850,138	2,850,138	2,280,110	174,255,748	Renville
Lafayette - WTP	145	56	Adv trmt – chloride, add RO to WTP	2,779,210	2,223,368	1,778,694	176,034,443	Nicollet
Ash River San District	157	53	Unsewered, LSTS with nitrogen trmt	27,242,630	5,186,584	4,149,268	180,183,710	St. Louis
Springsteel Island SD	158	53	Regionalize, connect to Warroad	2,086,000	2,033,850	1,627,080	181,810,790	Roseau
Litchfield	199	48	Rehab treatment, expand bio capacity	65,000,000	9,295,000	7,000,000	188,810,790	Meeker
Inver Grove Heights - Stormwater	210	47	Dawn Way neighborhood rain gardens and infiltrat	3,724,000	3,724,000	2,979,200	191,789,990	Dakota
Big Lake	224	46	Rehab/expand treatment	47,500,000	6,222,500	4,978,000	196,767,990	Sherburne
Lone Pine Twp - Swan Lake	241	44	Unsewered, connect to East Itasca WWTP	11,998,000	11,998,000	7,000,000	203,767,990	Itasca
Olivia WTP	298	32	Adv trmt – chloride, add RO to WTP	5,200,000	5,200,000	4,160,000	207,927,990	Renville
				875,107,933	394,546,279	207,927,990		

Total estimated unfunded (below dotted line) PSIG need: 128,415,444
Unfunded Projects: 26

Estimated Funding Needs Report
Table 4

Minnesota Public Facilities Authority
Estimated Average Annual Residential Wastewater System Costs, with and without PFA program grants

FY 2025 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): **\$ 377.00**
(\$377.00 x 3 = \$1,131.00)

Municipality	MPCA 2025 PPL Rank	Project Description	House- holds (Equivalent Res Units - ERUs)	Estimated Project Cost	ESTIMATED Project Funding						ESTIMATED Average Annual Residential Cost per HH					Total Annual Cost per HH	
					PFA Program Grants			Other Grants		Loan		With or Without PFA Grants	Fixed Costs (non-project costs)		Project Costs		
					Estimated WIF or CWRP PF Grant - Affordblty	Estimated PSIG Grant to Improve WQ	Estimated CWRP PF Grant - Green Proj Resrv	Estimated Other Grants (or local funds)	Source	Estimated PFA CWRP Loan	Estimated USDA-RD Loan		Operation & Main- tenance Cost	Existing Debt Service (10 yr avg)	New Project Debt Service		Estimated WIF Replacem ent Fund
Appleton	206.1	Rehab collect, part A Schlieman Ave	1,244	1,723,494	1,378,795	-	-	-	-	344,699	-	Without PFA Grants	479.58	10.60	62.30	-	552.49
												With PFA Grants	479.58	10.60	12.46	30.00	532.65
Appleton	206.2	Rehab collect, part B Schlieman Ave	1,244	2,206,922	1,765,538	-	-	-	-	441,384	-	Without PFA Grants	503.90	13.19	79.78	-	596.87
												With PFA Grants	503.90	13.19	15.96	30.00	563.04
Appleton	22	Adv trmt - phos, biosolids	1,244	9,900,000	4,232,448	4,609,440	-	-	-	1,058,112	-	Without PFA Grants	584.72	27.96	357.88	-	970.56
												With PFA Grants	584.72	27.96	38.25	30.00	680.93
Aurora	1.1	Rehab treatment	908	18,455,000	5,000,000	7,000,000	-	-	-	6,455,000	-	Without PFA Grants	558.95	181.01	914.01	-	1,653.96
												With PFA Grants	558.95	181.01	319.69	30.00	1,089.65
Braham	98.2	Rehab collection	960	3,112,000	701,574	-	-	196,621	23 SPAP	2,213,805	-	Without PFA Grants	429.65	142.76	126.45	-	698.87
												With PFA Grants	429.65	142.76	96.02	30.00	698.44
Chisholm	96	Rehab collection	2,109	952,254	761,803	-	-	-	-	190,451	-	Without PFA Grants	717.40	11.30	20.30	-	749.01
												With PFA Grants	717.40	11.30	4.06	30.00	762.76
Cosmos	7	Rehab collection, Phase 2	307	9,637,000	2,210,000	-	-	5,181,000	USDA-RD	-	2,246,000	Without PFA Grants	212.83	137.38	653.57	-	1,003.78
												With PFA Grants	212.83	137.38	329.42	30.00	709.64
Crosby	83	Rehab collection, ph 2	1,344	1,782,769	1,426,215	-	-	-	-	356,554	-	Without PFA Grants	458.74	60.24	59.65	-	578.63
												With PFA Grants	458.74	60.24	11.93	30.00	560.91
Dumont	126	Rehab collection, ph 2	51	2,776,000	1,040,000	-	-	1,305,000	USDA-RD	-	431,000	Without PFA Grants	882.35	272.22	1,149.00	-	2,303.57
												With PFA Grants	882.35	272.22	336.66	30.00	1,521.22
Eagle Bend	131	Rehab collection, Ph 5	298	802,026	641,621	-	-	-	-	160,405	-	Without PFA Grants	279.97	448.96	121.03	-	849.96
												With PFA Grants	279.97	448.96	24.21	30.00	783.13

Estimated Funding Needs Report
Table 4

Minnesota Public Facilities Authority
Estimated Average Annual Residential Wastewater System Costs, with and without PFA program grants

FY 2025 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): **\$ 377.00**
(\$377.00 x 3 = \$1,131.00)

Municipality	MPCA 2025 PPL Rank	Project Description	House- holds (Equivalent Res Units - ERUs)	Estimated Project Cost	ESTIMATED Project Funding						ESTIMATED Average Annual Residential Cost per HH						
					PFA Program Grants			Other Grants		Loan		With or Without PFA Grants	Fixed Costs (non-project costs)		Project Costs		Total Annual Cost per HH
					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		Operation & Main- tenance Cost	Existing Debt Service (10 yr avg)	New Project Debt Service	Estimated WIF Replacem ent Fund	
Ghent 1	57.1	Rehab collection, ph 1	196	4,662,500	1,878,446	-	-	-	-	2,784,054	-	Without PFA Grants	410.23	-	1,069.75	-	1,479.98
												With PFA Grants	410.23	-	638.77	30.00	1,079.00
Ghent 2	57.2	Rehab treatment, expand pond	196	5,084,300	3,420,000	-	-	-	-	1,664,300	-	Without PFA Grants	410.23	638.77	1,166.53	-	2,215.53
												With PFA Grants	410.23	638.77	381.85	30.00	1,460.85
Gilman	87	Rehab collection and treatment	99	6,431,000	1,740,000	-	-	2,810,000	USDA-RD	-	1,881,000	Without PFA Grants	344.44	-	1,646.93	-	1,991.38
								With PFA Grants	344.44	-	855.53	30.00	1,229.98				
Henning	102	Rehab collection, main LS and FM	426	6,510,000	5,000,000	-	-	-	-	1,510,000	-	Without PFA Grants	346.54	294.17	687.21	-	1,327.93
												With PFA Grants	346.54	294.17	159.40	30.00	830.12
Kandiyohi	29	Rehab collection Ph1, connect unsewered area	225	2,048,000	1,264,000	-	-	682,000	USDA-RD	-	102,000	Without PFA Grants	778.47	190.84	241.85	-	1,211.17
								With PFA Grants	778.47	190.84	18.06	30.00	1,017.37				
Lewiston	82	Rehab collection and treatment	680	11,494,986	5,000,000	-	-	-	-	6,494,986	-	Without PFA Grants	777.92	356.10	760.19	-	1,894.21
												With PFA Grants	777.92	356.10	429.53	30.00	1,593.55
Mazeppa	249	Rehab collection and treatment	387	9,746,000	3,426,792	1,573,208	-	3,411,000	USDA-RD	-	1,335,000	Without PFA Grants	443.15	-	737.09	-	1,180.24
								With PFA Grants	443.15	-	155.33	30.00	628.48				
Okabena	20	Rehab collection and treatment	123	5,529,000	1,390,000	-	-	752,000	USDA-RD	-	3,387,000	Without PFA Grants	190.24	-	1,748.77	-	1,939.01
								With PFA Grants	190.24	-	1,239.92	30.00	1,460.16				
Pelican Rapids	80	Rehab collection (TH59/108)	1,802	2,888,723	2,310,978	-	-	-	-	577,745	-	Without PFA Grants	659.56	303.07	72.09	-	1,034.72
												With PFA Grants	659.56	303.07	14.42	30.00	1,007.04
Randall	163.1	Rehab collection	317	3,582,234	566,705	-	-	-	-	3,015,529	-	Without PFA Grants	259.81	-	508.18	-	767.99
												With PFA Grants	259.81	-	427.78	30.00	717.59

Estimated Funding Needs Report
Table 4

Minnesota Public Facilities Authority
Estimated Average Annual Residential Wastewater System Costs, with and without PFA program grants

FY 2025 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): **\$ 377.00**
(\$377.00 x 3 = \$1,131.00)

Municipality	MPCA 2025 PPL Rank	Project Description	House- holds (Equivalent Res Units - ERUs)	Estimated Project Cost	ESTIMATED Project Funding						ESTIMATED Average Annual Residential Cost per HH					Total Annual Cost per HH	
					PFA Program Grants			Other Grants		Loan		With or Without PFA Grants	Fixed Costs (non-project costs)		Project Costs		
					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		Operation & Main- tenance Cost	Existing Debt Service (10 yr avg)	New Project Debt Service		Estimated WIF Replacem ent Fund
Randall	163.2	Rehab treatment & lift stations	317	5,600,000	4,480,000	-	-	-	-	1,120,000	-	Without PFA Grants	259.81	470.51	794.42	-	1,524.74
												With PFA Grants	259.81	470.51	158.88	30.00	919.20
Silver Lake	9	Adv trmt - phos, rehab collection and ponds	433	8,952,000	3,114,000	-	-	2,278,000	USDA-RD, city	-	3,560,000	Without PFA Grants	257.37	-	694.03	-	951.40
												With PFA Grants	257.37	-	370.21	30.00	657.57
Stewart	36	Rehab collection	297	2,273,022	1,647,873	-	-	-	-	625,149	-	Without PFA Grants	354.40	290.83	344.17	-	989.39
												With PFA Grants	354.40	290.83	94.66	30.00	769.88
Trosky	35	Unsewered, collection and treatment	45	5,358,800	500,000	3,945,800	-	807,000	USDA-RD, SCDP	-	106,000	Without PFA Grants	776.11	-	4,554.63	-	5,330.74
												With PFA Grants	776.11	-	106.07	30.00	912.18
Wabasso	23	Rehab collection and treatment, construct ponds	354	11,187,000	2,910,000	-	-	3,892,000	USDA-RD	-	4,385,000	Without PFA Grants	303.20	-	927.91	-	1,231.11
												With PFA Grants	303.20	-	557.76	30.00	890.96