

# **2025 Community Public Water System Fluoridation Equipment Competitive Grant Program Information and Materials**

**GRANT REQUEST FOR PROPOSAL (RFP)**

October 2025

## **2025 Community Public Water System Fluoridation Equipment Competitive Grant Program Information and Materials**

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*To obtain this information in a different format, call: 651-201-4700.*

2025 COMMUNITY PUBLIC WATER SYSTEM FLUORIDATION EQUIPMENT  
COMPETITIVE GRANT PROGRAM INFORMATION AND MATERIALS

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# RFP Part 1: Overview

## 1.1 General Information

- **Announcement Title:** 2025 Community Public Water System Fluoridation Equipment Competitive Grant Program
- **Minnesota Department of Health (MDH) Program Website:**
  - [Fluoridated Water and Oral Health](https://www.health.state.mn.us/people/oralhealth/programs/fluoride.html)  
(<https://www.health.state.mn.us/people/oralhealth/programs/fluoride.html>)
  - [Drinking Water Protection](https://www.health.state.mn.us/communities/environment/water/dwp.html)  
(<https://www.health.state.mn.us/communities/environment/water/dwp.html>)
- **Application Deadline:** Monday, November 24, 2025, 2:00 p.m. Central Standard Time (CST)

## 1.2 Program Description

### Fluoride and Public Health

Fluoridating the community water supply is a safe, effective way to ensure the majority of Minnesotans receive protection from tooth decay regardless of income level or access to dental care. In fact, the Centers for Disease Control and Prevention (CDC) has proclaimed community water fluoridation as 1 of 10 great public health achievements for the 20th century.

Fluoride is natural to our environment. You find it in soils and fresh and ocean water. Community water fluoridation adjusts the natural levels of fluoride in areas where the amount is not ideal for helping prevent tooth decay. Water fluoridation improves oral health, which is central to our overall health.

## 1.3 Funding and Project Dates

### Funding

MDH Drinking Water Protection Section is making available a total of \$29,000 in assistance provided through a U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Minnesota Actions to Improve Oral Health Outcomes in the 21st Century federal grant.

Funding will be allocated through a competitive process. If selected, you may only incur eligible expenditures when the grant agreement is fully executed, and the grant has reached its effective date, whichever is later.

Funding	Estimate
Estimated Amount to Grant	\$29,000
Estimated Number of Awards	8-10
Estimated Award Maximum	\$3,000

## Match Requirement

No match requirements.

## Project Dates

January 2026 - August 14, 2026

### 1.4 Eligible Applicants

Any Minnesota community public water system (PWS) that adds fluoride to meet the MN state drinking water fluoridation requirement

- That does not currently provide drinking water with a fluoride concentration of at least 0.5 milligrams per liter (mg/L),
- Is in need of replacing its existing fluoridation equipment in order to continue providing such a fluoride concentration, or
- needs an ion-selective electrode analysis device in order to adequately monitor fluoride concentrations, is eligible to apply.

Furthermore, a PWS must meet all of the following conditions in order to qualify for a grant:

- The PWS must employ or contract with a properly certified water operator.
- The PWS must not be currently subject to administrative penalty action by MDH for violation of state or federal public water system regulations.

### 1.5 Questions and Answers

All questions regarding this RFP must be submitted by email to Maria Spitael, Fluoride Engineer, at [maria.spitael@state.mn.us](mailto:maria.spitael@state.mn.us)

Please submit questions no later than 2:00 p.m. CST on, November 13, 2025.

All questions and answers will be posted on November 14, 2025 on the [Drinking Water Protection Grant Information](https://www.health.state.mn.us/communities/environment/water/com/grants.html) (<https://www.health.state.mn.us/communities/environment/water/com/grants.html>).

To ensure the proper and fair evaluation of all applications, other communications regarding this RFP including verbal, telephone, written or internet initiated by or on behalf of any applicant to any employee of the Department, other than questions submitted to as outlined above, are prohibited. **Any violation of this prohibition may result in the disqualification of the applicant.**

## RFP Part 2: Program Details

### 2.1 Priorities

#### Health Equity Priorities

It is the policy of the State of Minnesota to ensure fairness, precision, equity, and consistency in competitive grant awards. This includes implementing diversity and inclusion in grant-making.

The [Policy on Rating Criteria for Competitive Grant Review \(PDF\)](#)

([https://mn.gov/admin/assets/08-](https://mn.gov/admin/assets/08-02%20Grants%20Policy%20Revision%20September%202017%20final_tcm36-312046.pdf)

[02%20Grants%20Policy%20Revision%20September%202017%20final\\_tcm36-312046.pdf](https://mn.gov/admin/assets/08-02%20Grants%20Policy%20Revision%20September%202017%20final_tcm36-312046.pdf))

establishes the expectation that grant programs intentionally identify how the grant serves diverse populations, especially populations experiencing inequities and/or disparities.

The goal of the Community Public Water System Fluoridation Equipment Competitive Grant Program is to provide assistance to PWSs in updating fluoridation infrastructure for consistency with federal and state regulations. MDH seeks to assist PWSs that do not have resources to update their infrastructure to meet recent U.S. Department of Health and Human Services (HHS) recommendations for communities to maintain 0.7 mg/L fluoride to achieve an optimal fluoride level in drinking water. MDH Drinking Water Protection Section will administer federal grant funds to reimburse eligible PWSs for costs involved in optimizing drinking water fluoridation.

Grant outcomes will include updating fluoridation infrastructure for consistency with federal and state regulations or purchase ion-selective electrode analysis devices.

### 2.2 Eligible Projects

Community Public Water System Fluoridation Equipment Competitive Grant funding is to be used solely for the purchase and installation of fluoridation process equipment or ion-selective electrode analysis devices.

#### Ineligible Expenses

Ineligible expenses include but are not limited to:

- Solicitating donations
- Taxes, except sales tax on goods and services
- Lobbyists, political contributions
- Bad debts, late payment fees, finance charges, or contingency funds
- Purchase of fluoride chemicals
- Administrative or other indirect costs.

## 2.3 Grant Management Responsibilities

### Grant Agreement

Each grantee must formally enter into a grant agreement. The grant agreement will address the conditions of the award, including implementation for the project. The grantee is expected to read the grant agreement, sign, and comply with all conditions of the grant agreement. Grantee should provide a copy of the grant agreement to all grantee staff working on the grant.

No work on grant activities can begin until a fully executed grant agreement is in place.

- A sample grant agreement is attached at [Grant Resources \(https://www.health.state.mn.us/about/grants/resources.html\)](https://www.health.state.mn.us/about/grants/resources.html).

Applicants should be aware of the terms and conditions of the standard grant agreement in preparing their applications. Much of the language reflected in the sample agreement is required by statute. If an applicant takes exception to any of the terms, conditions or language in the sample grant agreement, the applicant must indicate those exceptions, in writing, in their application in response to this RFP. Certain exceptions may result in an application being disqualified from further review and evaluation. Only those exceptions indicated in an application will be available for discussion or negotiation.

The funded applicant will be legally responsible for assuring implementation of the work plan and compliance with all applicable state requirements including worker's compensation insurance, nondiscrimination, data privacy, budget compliance, and reporting.

### Accountability and Reporting Requirements

It is the policy of the State of Minnesota to monitor progress on state grants by requiring grantees to submit written progress reports at least annually until all grant funds have been expended and all of the terms in the grant agreement have been met.

Fund recipients must comply with the requirements described in [Minnesota Statute 144.145](#) and [Minnesota Rule 4700.0030](#). These requirements include but are not limited to:

- Daily monitoring of water production volume, fluoride chemical consumption
- Monitoring of distribution system fluoride concentration as required by MDH; and
- Submission of monthly reports of water production, fluoride chemical consumption, and distribution system fluoride concentration to the MDH; and
- Quarterly collection and submission of a distribution system sample to the MDH Public Health Laboratory (PHL).

The reporting schedule will be: As required by the federal Safe Drinking Water Act.

### Grant Payments

Per State [Policy on Grant Payments \(PDF\) \(https://mn.gov/admin/assets/08-08%20Policy%20on%20Grant%20Payments%20FY21%20\\_tcm36-438962.pdf\)](https://mn.gov/admin/assets/08-08%20Policy%20on%20Grant%20Payments%20FY21%20_tcm36-438962.pdf), reimbursement is the method for making grant payments. All grantee requests for reimbursement must correspond to the approved grant budget. The State shall review each request for

reimbursement against the approved grant budget, grant expenditures to-date and the latest grant progress report before approving payment. Grant payments shall not be made on grants with past due progress reports unless MDH has given the grantee a written extension.

Invoices must be submitted upon completion of fluoridation process equipment installation or ion-selective electrode analysis device receipt or by August 15, 2026.

## 2.4 Grant Provisions

### **Affirmative Action and Non-Discrimination Requirements for all Grantees**

The grantee agrees to comply with applicable state and federal laws prohibiting discrimination.

Minnesota's nondiscrimination law is the Minnesota Human Rights Act (MHRA) ([Minn. Stat. § 363A](#); See e.g. [Minn. Stat. § 363A.02](#)). The MHRA is enforced by the [Minnesota Department of Human Rights \(https://mn.gov/mdhr/\)](#). Some, but not all, MHRA requirements are reflected below. All grantees are responsible for knowing and complying with nondiscrimination and other applicable laws.

The grantee agrees not to discriminate against any employee or applicant for employment because of race, color, creed, religion, national origin, sex, marital status, status in regard to public assistance, membership or activity in a local commission, disability, sexual orientation, or age in regard to any position for which the employee or applicant for employment is qualified.

The grantee agrees not to discriminate in public accommodations because of race, color, creed, religion, national origin, sex, gender identity, sexual orientation, and disability.

The grantee agrees not to discriminate in public services because of race, color, creed, religion, national origin, sex, gender identity, marital status, disability, sexual orientation, and status with regard to public assistance.

The grantee agrees to take affirmative steps to employ, advance in employment, upgrade, train, and recruit minority persons, women, and persons with disabilities.

The grantee must not discriminate against any employee or applicant for employment because of physical or mental disability in regard to any position for which the employee or applicant for employment is qualified. The grantee agrees to take affirmative action to employ, advance in employment, and otherwise treat qualified disabled persons without discrimination based upon their physical or mental disability in all employment practices such as the following: employment, upgrading, demotion or transfer, recruitment, advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. Minn. Rules, part [5000.3550](#).

### **Audits**

Per [Minn. Stat. § 16B.98](#), subd. 8, the grantee's books, records, documents, and accounting procedures and practices of the grantee or other party that are relevant to the grant or transaction are subject to examination by the granting agency and either the legislative auditor or the state auditor, as appropriate. This requirement will last for a minimum of six years from

the grant agreement end date, receipt, and approval of all final reports, or the required period of time to satisfy all state and program retention requirements, whichever is later.

## Conflicts of Interest

MDH will take steps to prevent individual and organizational conflicts of interest, both in reference to applicants and reviewers per [Minn. Stat. § 16B.98](#) and the Office of Grants Management’s Policy 08-01, “Conflict of Interest Policy for State Grant-Making.”

**Applicants must complete the Applicant Conflict of Interest Disclosure form (Appendix F) and submit it as part of the completed application.** Failure to complete and submit this form will result in disqualification from the review process.

Organizational conflicts of interest occur when:

- a grantee or applicant is unable or potentially unable to render impartial assistance or advice,
- a grantee’s or applicant’s objectivity in performing the grant work is or might be otherwise impaired,
- a grantee or applicant has an unfair competitive advantage.

Individual conflicts of interest occur when:

- An applicant, or any of its employees, uses their position to obtain special advantage, benefit, or access to MDH’s time, services, facilities, equipment, supplies, prestige, or influence.
- An applicant, or any of its employees, receives or accepts money, or anything else of value, from another state grantee or grant applicant with respect to the specific project covered by this RFP/project.
- An applicant, or any of its employees, has equity or a financial interest in, or partial or whole ownership of, a competing grant applicant organization.
- An applicant, or any of its employees, is an employee of MDH or is a relative of an employee of MDH.

In cases where a conflict of interest is perceived, disclosed, or discovered, the applicants or grantees will be notified and actions may be pursued, including but not limited to disqualification from eligibility for the grant award or termination of the grant agreement.

## Non-Transferability

Grant funds are not transferrable to any other entity. Applicants that are aware of any upcoming mergers, acquisitions, or any other changes in their organization or legal standing, must disclose this information to MDH in their application, or as soon as they are aware of it.

## Public Data and Trade Secret Materials

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COMPETITIVE GRANT PROGRAM INFORMATION AND MATERIALS

All applications submitted in response to this RFP will become property of the State. In accordance with [Minn. Stat. § 13.599](#), all applications and their contents are private or nonpublic until the applications are opened.

Once the applications are opened, the name and address of each applicant and the amount requested is public. All other data in an application is private or nonpublic data until completion of the evaluation process, which is defined by statute as when MDH has completed negotiating the grant agreement with the selected applicant.

After MDH has completed the evaluation process, all remaining data in the applications is public with the exception of trade secret data as defined and classified in [Minn. Stat. § 13.37](#), subd. 1(b). A statement by an applicant that the application is copyrighted or otherwise protected does not prevent public access to the application or its contents. ([Minn. Stat. § 13.599](#), subd. 3(a)).

If an applicant submits any information in an application that it believes to be trade secret information, as defined by [Minn. Stat. § 13.37](#), the applicant must:

- Clearly mark all trade secret materials in its application at the time it is submitted,
- Include a statement attached to its application justifying the trade secret designation for each item, and
- Defend any action seeking release of the materials it believes to be trade secret, and indemnify and hold harmless MDH and the State of Minnesota, its agents and employees, from any judgments or damages awarded against the State in favor of the party requesting the materials, and any and all costs connected with that defense.
- This indemnification survives MDH's award of a grant agreement. In submitting an application in response to this RFP, the applicant agrees that this indemnification survives as long as the trade secret materials are in possession of MDH. The State will not consider the prices submitted by the responder to be proprietary or trade secret materials.

MDH reserves the right to reject a claim that any particular information in an application is trade secret information if it determines the applicant has not met the burden of establishing that the information constitutes a trade secret. MDH will not consider the budgets submitted by applicants to be proprietary or trade secret materials. Use of generic trade secret language encompassing substantial portions of the application or simple assertions of trade secret without substantial explanation of the basis for that designation will be insufficient to warrant a trade secret designation.

If a grant is awarded to an applicant, MDH may use or disclose the trade secret data to the extent provided by law. Any decision by the State to disclose information determined to be trade secret information will be made consistent with the Minnesota Government Data Practices Act ([Ch. 13 MN Statutes](#)) and other relevant laws and regulations.

If certain information is found to constitute trade secret information, the remainder of the application will become public; in the event a data request is received for application information, only the trade secret data will be removed and remain nonpublic.

## 2.5 Review and Selection Process

### Review Process

Funding will be allocated through a competitive process with review by a committee representing Drinking Water Protection Section and Oral Health Unit. The review committee will evaluate all eligible and complete applications received by the deadline.

MDH will review all committee recommendations and is responsible for award decisions. **The award decisions of MDH are final and not subject to appeal.** Additionally:

- MDH reserves the right to withhold the distribution of funds in cases where proposals submitted do not meet the necessary criteria.
- The RFP does not obligate MDH to award a grant agreement or complete the project, and MDH reserves the right to cancel this RFP if it is considered to be in its best interest.
- MDH reserves the right to waive minor irregularities or request additional information to further clarify or validate information submitted in the application, provided the application, as submitted, substantially complies with the requirements of this RFP. There is, however, no guarantee MDH will look for information or clarification outside of the submitted written application. Therefore, it is important that all applicants ensure that all sections of their application are complete to avoid the possibility of failing an evaluation phase or having their score reduced for lack of information.

### Selection Criteria and Weight

The review committee will be reviewing each applicant on a 100-point scale. A standardized scoring system will be used to determine the extent to which the applicant meets the selection criteria.

A Community Public Water System Fluoridation Equipment Competitive Grant application must have a minimum score of 60 points in order to be awarded. Grant requests that achieve the minimum score to quality will be awarded funds based upon the 1) score, 2) date placed upon the list, and 3) availability of grant funds.

The scoring factors and weights that applications will be judged are based on:

#### **Applicant Information (10 Points)**

- Is the application attached, completed, and readable? (Appendix A) (5 Points)
- Is the applicant a Minnesota municipal community PWS? (5 Points)

#### **Project Need (60 Points)**

- Does the applicant's distribution service area include either a geographic or low-income Dental Health Professional Shortage Area (HPSA)? (MDH will determine if the PWS is in a HPSA based on the PWS owner's address) (Appendix E) (10 Points)
- What population does the applicant's distribution area serve? (More points will be awarded to smaller systems) (15 points)

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- Is the maximum natural fluoride concentration of source water used by the applicant less than 0.5 mg/L? (10 Points)
- Does the applicant currently not provide drinking water containing an average fluoride concentration between 0.5 and 0.9 mg/L to all its customers OR if the applicant is requesting an award for an ion-selective electrode analysis device, does the applicant add a phosphate compound to its treated water? (15 points)
- Is the applicant a community PWS that provides water to a school or daycare facility attended by children? (10 Points)

**Work Scope (20 Points)**

- Does the application include a verification of replacement process equipment or analysis device need?
- (20 Points)

**Budget (10 Points)**

- Does the application include an identified vendor or engineer and an attached estimate of fluoridation process equipment and/or fluoride analysis device costs? (Appendix C) (5 Points)
- Does the request for award fit within the \$3,000 cap for fluoridation process equipment or an ion-selective electrode analysis device?
- (5 Points)

**Grantee Past Performance and Due Diligence Review Process**

- It is the policy of the State of Minnesota to consider a grant applicant's past performance before awarding subsequent grants to them.
- State policy requires states to conduct a pre-award risk assessment prior to a grant award. Additional information may be required for proposed budgets of \$50,000 and higher to a potential applicant in order to comply with Policy on [Preaward Risk Assessment \(https://mn.gov/admin/government/grants/policies-statutes-forms/\)](https://mn.gov/admin/government/grants/policies-statutes-forms/).

**Notification**

MDH anticipates notifying all applicants via email of funding decisions by December 12, 2025.

## RFP Part 3: Application and Submission Instructions

### 3.1 Application Form

You can get the 2025 Community Public Water System Fluoridation Equipment Competitive Grant application from any of the following locations.

- Download the form that is included with this announcement or found at [Drinking Water Protection Grant Information](https://www.health.state.mn.us/communities/environment/water/com/grants.html) (<https://www.health.state.mn.us/communities/environment/water/com/grants.html>) webpage.
- Download the form from the Health Promotion and Chronic Disease Division found at Center for Health Promotion Section, [Oral Health](https://www.health.state.mn.us/people/oralhealth/index.html) (<https://www.health.state.mn.us/people/oralhealth/index.html>) webpage.
- Contacting the grant coordinator by telephone at 651-201-4700 or email at [health.drinkingwater@state.mn.us](mailto:health.drinkingwater@state.mn.us).

### 3.2 Application Deadline

**All applications must be received by MDH no later than 2:00 p.m. CST, on November 24, 2025.**

**Late applications will not be accepted.** It is the applicant's sole responsibility to allow sufficient time to address all potential delays caused by any reason whatsoever. MDH will not be responsible for delays caused by mail, delivery, computer, or technology problems.

**Acknowledgement of application receipt.** MDH will "reply all" to the email address that submitted the application to acknowledge receipt of your application within one business day of the receipt of an application. If you do not receive an acknowledgment email within that time frame from when you submitted the application, it means MDH did not receive your application/documents. Please contact Anita Smith, Grant Coordinator, [anita.smith@state.mn.us](mailto:anita.smith@state.mn.us) after that time frame for further instructions.

### 3.3 Application Submission Instructions

Applications must be emailed to:  
CPWS Fluoridation Equipment Grant Coordinator  
[health.drinkingwater@state.mn.us](mailto:health.drinkingwater@state.mn.us)

### 3.4 Application Instructions

You must submit the following in order for the application to be considered complete.

- Signed Application – Appendix A
- Signed Fluoridation Equipment and Engineering Costs Estimates – Appendix C
- Completed and signed Due Diligence Form – Appendix G

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- Applicant Conflict of Interest – Appendix F
- Due Diligence – Appendix G
- Any narrative or supplemental portions of the application must be written in 12-point font, single spaced with one-inch margins. Any supplemental pages must be numbered consecutively.

A grant application must identify:

- A description of the work that is to be performed.
- The entity responsible for completing the work.
- The cost of performing the work.
- The outcome or deliverable that will be achieved by conducting the work.
- An indication of readiness to proceed with using the grant.

Applications must include all required application materials, including attachments. Do not provide any materials that are not requested in this RFP, as such materials will not be considered nor evaluated. **MDH reserves the right to reject any application that does not meet these requirements.**

By submitting an application, each applicant warrants that the information provided is true, correct, and reliable for purposes of evaluation for potential grant award. The submission of inaccurate or misleading information may be grounds for disqualification from the award, as well as subject the applicant to suspension or debarment proceedings and other remedies available by law.

**All costs incurred in responding to this RFP will be borne by the applicant.**

Recipients of funds intended for fluoridation process equipment must submit and receive approval of plans and specifications from the MDH Drinking Water Protection Section prior to installation. Process improvement plans and specifications must be signed by a registered Minnesota professional engineer.

The professional engineer signature requirement may be waived in cases where the process improvements consist only of chemical feed equipment, and the treatment design is not changed. Plans and specifications must be provided by an engineer or the chemical company that will supply the chemical feed equipment for that specific project. In addition, the waiver is available only when the plan approval submission:

- Identifies the location of chemical feed equipment and injectors,
- Includes equipment manufacturer's pamphlets,
- Is signed and dated on all drawing and specification pages by a chemical company representative,
- is readable, and
- complies with applicable installation rules.

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Please note that no fluoridation process equipment or ion-selective electrode analysis devices are to be purchased, or construction is to take place until the installation and/or construction plans have been reviewed and approved by MDH Drinking Water Protection Section (if applicable) and a grant agreement signed with the MDH.

Each applicant may request up to **\$3,000** for fluoridation process equipment or an ion-selective electrode analysis device. A statement from the PWS owner or certified operator will be required to verify the condition of any existing fluoridation process equipment or ion-selective electrode analysis device and (if applicable) justification for its replacement.

The total requested grant amount may not exceed **\$3,000**.

## RFP Part 4: Attachments

- Appendix A - 2025 Community Public Water System Fluoridation Equipment Competitive Grant Application
- Appendix B - Definitions
- Appendix C - Estimates of Fluoridation Equipment Costs
- Appendix D - Examples of Acceptable Ion-Selective Electrodes
- Appendix E - Dental Health Professional Shortage Area
- Appendix F - [Applicant/Recipient Conflict of Interest Disclosure \(PDF\)](#)
- Appendix G - [Due Diligence Review Form \(PDF\)](#)

## Appendix A - 2025 Community Public Water System Fluoridation Equipment Competitive Grant Application

**Notice:** This application must be completed and signed in order to score your grant request.

**Public Water System** (name of primary applicant): \_\_\_\_\_

Public Water System Fiscal Agent: \_\_\_\_\_

PWSID No.: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Federal Tax ID #: \_\_\_\_\_

Name of the Grant Contact: \_\_\_\_\_

Phone No. and Extension: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Person Authorized to Sign Grant Agreement on Behalf of the Public Water System:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

**Total Cost of Project** (Amount Requested): \$ \_\_\_\_\_

Total Grant Amount Being Requested (**\$3,000 maximum**): \$ \_\_\_\_\_

### **Work Item (s) to be performed under this grant**

For each work item to be funded under the grant, please provide the following information (use an additional page if necessary).

1. **Work Item 1** – describe the work that will be performed: \_\_\_\_\_

1a. PWS is ready and able to complete project by August 15, 2026: Yes \_\_\_\_\_ No \_\_\_\_\_

1b. **Amount Requested** for performing this work: \$ \_\_\_\_\_

1c. Fluoridation process equipment type: New \_\_\_\_\_ Replacement \_\_\_\_\_

1d. Ion-selective analysis device type: New \_\_\_\_\_ Replacement \_\_\_\_\_

1e. PWS adds a phosphate compound to treated water: Yes \_\_\_\_\_ No \_\_\_\_\_

1f. PWS customers include: Daycare \_\_\_\_\_ School attended by children \_\_\_\_\_

1g. Total population served by this public water system: \_\_\_\_\_

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1h. Product(s) produced or anticipated **outcomes** of performing this work item: \_\_\_\_\_

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2. **Work Item 2** – describe the work that will be performed: \_\_\_\_\_

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2a. PWS is ready and able to complete project by August 15, 2026: Yes \_\_\_\_\_ No \_\_\_\_\_

2b. **Amount Requested** for performing this work: \$ \_\_\_\_\_

2c. Fluoridation process equipment type: New \_\_\_\_\_ Replacement \_\_\_\_\_

2d. Ion-selective analysis device type: New \_\_\_\_\_ Replacement \_\_\_\_\_

2e. PWS adds a phosphate compound to treated water: Yes \_\_\_\_\_ No \_\_\_\_\_

2f. PWS customers include: Daycare \_\_\_\_\_ School attended by children \_\_\_\_\_

2e. Product(s) produced or anticipated **outcomes** of performing this work item: \_\_\_\_\_

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### Checklist

- I have filled out all the fields in my application.
- I have signed my application.
- I have provided a detailed budget for each work item.
- I have filled out all the fields in the Applicant Conflict of Interest.

### Disclaimer and Signature

I certify that the information herein is true and accurate to the best of my knowledge and I submit this application on behalf of the applicant public water system. I acknowledge that the project will be completed by the grant expiration date and that all work performed will be done in accordance with all Local, State and Federal Regulations:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Note:** If you are awarded a grant, NO work should begin until all required signatures have been obtained on the grant agreement, and grantee receives a signed copy of the grant agreement.

Completed applications must be emailed to: [HEALTH.drinkingwater@state.mn.us](mailto:HEALTH.drinkingwater@state.mn.us).

## Appendix B - Definitions

**Public Water System** means the name that is used by the Minnesota Department of Health to identify the public water supplier and that is associated with a public water system identification number.

**Name of the Grant Contact** means the name of the individual who will be responsible for managing the grant.

**Telephone Number** means the telephone number of the contact person that the Minnesota Department of Health can call during its regular business hours (M-F from 8:30 a.m. to 4:30 p.m.).

**E-mail** means an internet address for the contact person that the Minnesota Department of Health can use to electronically transmit information related to the grant.

**Mailing Address** means the official mailing address of the public water system that shall be used for correspondence with MDH.

**Name and Title of the Person Authorized to Sign the Grant Agreement on Behalf of the Public Water System** means a person who has authority to administer a financial agreement between the public water supplier and the Minnesota Department of Health.

**Total Grant Amount Being Requested** means the sum of the costs of the work items that are identified in the grant application (1b + 2b + 3b)

**Work Item** is the community fluoridation activity or activities that are to be performed under this part of the grant application. Fill one box for each activity included in the project; feel free to insert more boxes if needed.

**Amount requested for performing this work** means the estimated amount requested by the grantee for completing the activity performed under this part of the application.

**Fluoridation Process Equipment type** is the indicator of a need for new treatment process equipment or a need for upgraded, improved, or more efficient process equipment

**Product(s) produced or anticipated outcomes of performing this work** means the tangible results of performing the work that is funded by this grant.

## Appendix C - Estimates for Fluoridation Equipment Costs

It is helpful to estimate and detail the expected costs associated with process equipment. General cost estimate information is available in the form of excerpts from “Water Fluoridation: A Manual for Engineers and Technicians” (CDC), available upon request. MDH plan review fee will be waived.

Recipients of funds intended for fluoridation process equipment must submit and receive approval of plans and specifications from the MDH Drinking Water Protection Section Administrative Unit prior to installation.

Fluoridation process equipment will include but will not be limited to (not all items may be applicable or necessary).

Equipment	Costs
Chemical feed pump(s)	\$
Chemical supply scale(s)	\$
Bulk storage tank	\$
Day storage tank	\$
Chemical spill containment	\$
Chemical transfer pump	\$
Chemical feed tubing, pipe(s), and/or injector(s)	\$
Electrical wiring	\$
Miscellaneous costs	\$
<b>Total Estimated Costs</b>	\$

**Contact information of PWS owner or certified operator (please print)**

Name: \_\_\_\_\_

Phone number: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## Appendix D – Examples of Acceptable Ion-Selective Electrodes

A fluoride electrode and a meter are both needed, as well as some reagents and solutions

### **Hach: (\$3,223)**

1. Hach IntelliCAL ISEF1201Fluoride (F-) Ion Selective Electrode (ISE) with Calibration Reagents Pack  
Product Number: ISEF121AP (\$1,458)
2. Hach HQ4100 Portable Multi-Meter, pH, Conductivity, TDS, Salinity, Dissolved Oxygen (DO), ORP,  
and ISE, 1 channel, w/o electrodes  
Product Number: LEV015.53.4100A (\$1,765)

### **YSI: (\$3,074)**

1. TruLine Fluoride Electrode Kit (comes with fill solution and small bottle of ISA and high standard)
  - a. SKU: 400406, \$837
2. TruLab pH/ISE 1320
  - a. SKU: 1GA340Y, \$2,069
3. Also, would need low fluoride standard solution (SKU 400409, \$84) and more ISA (400408, \$84)

### **Thermo Scientific: (\$3,126 or \$3,756)**

1. Orion Fluoride Ionplus Sure-Flow Solid State Combination
  - a. Catalog Number: 9609BNWP, \$1,190
2. Orion Star pH/ISE Portable Meter, Catalog Number: STARA3240, \$1,480
  - a. OR Orion Star pH/ISE Portable Meter Kit, Catalog Number: STARA3245, \$2,110 (includes case and pH supplies)
3. Also requires calibration standards (040907, \$123 and 040906, \$123) and ISA (940909, \$210)

### **Mettler Toledo: (\$2,405)**

1. Seven2Go pH/Ion meter S8-Fluoride-Kit, Material #: 30207879, \$1,830 (includes meter and fluoride ISE and case)
2. 3-in-1 Fluoride Solutions Kit, Material #: 30718583, \$575

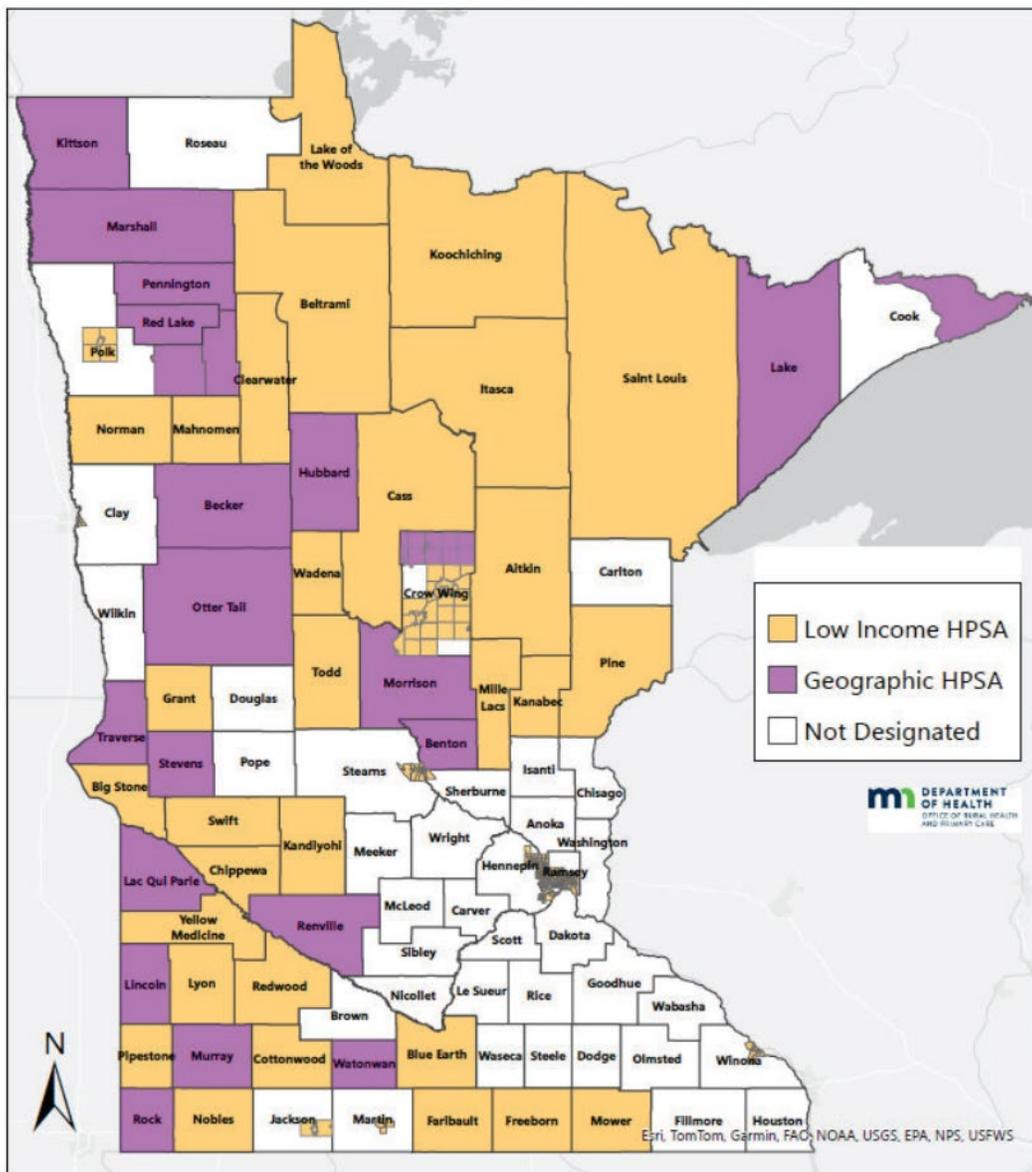
### **Cole-Parmer: (\$1,623.40)**

1. Oakton by Cole-Parmer Ion-Selective Electrode (ISE), Fluoride, Double-Junction, BNC, Item: EW-27502-19, \$478
2. Oakton Ion 6+ Handheld Meter Kit w/Case, Solutions, and pH/ATC Probe, Item: EW-35613-82, \$1,006
3. Cole-Parmer Fluoride (F-) ISE Double junction solution kits, Item: EW-27502-69, \$139.40

## Appendix E - Minnesota Dental Health Professional Shortage Areas

Dental HPSA designations are shown in the map below.

MN Health Professional Shortage Areas  
Dental Geographic & Low Income Designations  
August 2024



Source: [Dental: Geographic and Low-income Designations \(PDF\)](https://www.health.state.mn.us/facilities/underserved/docs/hpsadental.pdf)  
(<https://www.health.state.mn.us/facilities/underserved/docs/hpsadental.pdf>)

2025 COMMUNITY PUBLIC WATER SYSTEM FLUORIDATION EQUIPMENT  
COMPETITIVE GRANT PROGRAM INFORMATION AND MATERIALS

## Appendix F

- [Applicant/Recipient Conflict of Interest Disclosure \(PDF\)](https://www.health.state.mn.us/about/grants/coiapplicant.pdf)  
(<https://www.health.state.mn.us/about/grants/coiapplicant.pdf>)

## Appendix G

- [Due Diligence Review Form \(PDF\)](https://www.health.state.mn.us/about/grants/duediligence.pdf)  
(<https://www.health.state.mn.us/about/grants/duediligence.pdf>)