

Destructive Technology Test on PFAS Concentrate

Request for Proposals (RFP)

This document describes the Destructive Technology on Per- and Poly-fluoroalkyl Substances (PFAS) Concentrate RFP, including information on who may apply for concentrate, activities eligible for concentrate, and other information that will help applicants submit an application. The rolling application form, sample grant agreement, and other relevant documents are on the [PFAS Destructive Technologies RFP website](#).

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1. Overview

The Minnesota Pollution Control Agency (MPCA) is conducting a Pilot Test of a foam fractionation system on PFAS-impacted water in the East Metro as a part of the Feasibility Study required under the 2018 3M Settlement with the state of Minnesota. The Pilot Study is being conducted to test the effectiveness of PFAS removal in groundwater and surface water at Tablyn Park in Lake Elmo, currently. The result of the PFAS removal is a concentrated form of PFAS-containing water (concentrate), generally ranging from the 100's to 1,000's parts per billion (µg/L) PFOA/PFOS constituents.

This RFP is intended to provide a mechanism for interested parties to acquire a limited volume PFAS concentrate for PFAS destructive technology testing purposes. Up to five gallons of PFAS concentrate will be shipped to approved applicants.

This RFP will remain open, and applications will be accepted on a rolling, first come, first serve basis until all available PFAS concentrate has been dispersed or 4:00 p.m. Central Time on May 1, 2023, whichever occurs first.

2. Eligible and ineligible applicants and projects

Eligible applicants and projects

Destruction technology applicants and test projects will be screened by the MPCA for eligibility. Applicants and test projects must demonstrate existing PFAS destruction technology expertise and capabilities per the questions/requirements outlined in the application, including:

- PFAS Destruction Technology and Test Description

- PFAS Waste Disposal Requirements
- PFAS Destruction Deliverables

Ineligible applicants and projects

Applicants or test projects not meeting the requirements above may be screened out as ineligible for concentrate receipt.

Entities that are currently suspended or debarred by the State of Minnesota and/or the federal government are ineligible applicants.

3. Project costs

The recipient is responsible for all costs associated with the project including but not limited to: shipping and handling past the point of receipt, testing, disposal and reporting. Permitting for the testing is the responsibility of the recipient, not the MPCA.

4. Application submission instructions

All applicants must submit the grant application form.

Applications must be received electronically by the MPCA no later than 4:00 p.m. Central Time on May 1, 2023. The email properties header will reflect the date and time submissions are received.

Application submissions received after the deadline will be ineligible. Email applications to grants.pca@state.mn.us with the subject line: "PFAS Destructive Technologies Test Proposal" The MPCA is not responsible for any errors or delays caused by technology-related issues.

The MPCA may follow-up with applicants to confirm and/or request additional information necessary to evaluate eligibility.

This application does not obligate the State to award a grant, and the State reserves the right to amend, modify, or cancel this solicitation if it is considered to be in its best interest. The MPCA reserves the right to refuse distribution of the PFAS concentrate for any reason, including limited quantities of concentrate.

5. Application questions

We are obligated to be transparent in all aspects of our grant work. To meet our obligation, all questions must be submitted in the same manner and answers are only provided on the [PFAS Destructive Technologies RFP website](#). **It is the applicant's responsibility to check the [PFAS Destructive Technologies RFP website](#)** for the most recent updates about an open RFP, including questions and answers and addendums.

Applicants who have any questions regarding this RFP must email questions to grants.pca@state.mn.us, subject line: "PFAS Destruction RFP Question." Answers to questions will be posted frequently on the [PFAS Destructive Technologies RFP website](#).

6. Application review process

Applications received by the RFP deadline will be reviewed by MPCA staff based upon the Application Assessment score sheet in Exhibit A. Applicants must meet all requirements to be considered for funding. Applications will be reviewed on a rolling basis as they are received and awarded on a first come, first served basis.

All applicants will be notified of their award status by MPCA staff within approximately 30 days of application submission. Applicants selected for PFAS concentrate will be contacted concerning the next steps in the process, including execution of the grant agreement.

7. Recipient responsibilities

Recipients are required to be a registered vendor in SWIFT. To register, go to the Supplier Portal webpage of [SWIFT](#) and click on the *Register for an Account* link and then *Register as a Supplier*.

Grant agreement

Each recipient must enter into a grant agreement and will sign the grant agreement using DocuSign. The agreement will address the conditions of the award, including implementation of the project. Once the agreement is signed, the recipient is expected to read and comply with all conditions of the agreement.

Prior to distribution of PFAS concentrate, recipients will be required to submit a Certificate of Insurance as outlined in the sample grant agreement.

A sample State of Minnesota Grant Agreement can be found on the [PFAS Destructive Technologies RFP website](#) for your reference. Much of the language reflected in the agreement is required by statute.

Reporting requirements

Final Report. Within four weeks following receipt of final laboratory results, recipient shall submit a Final Report of the destructive test to the MPCA. The Final Report shall describe, in detail, the destructive test procedure, destruction efficiencies for all PFAS parameters, other analyses necessary to demonstrate destruction effectiveness or efficiency (e.g. water quality parameters) and potential reaction byproduct formation.

The Final Report shall provide analytical procedures including the 40 PFAS parameters provided below, total organic fluorine (TOF) or adsorbable organic fluorine (AOF) analysis, pre-test, intermediate test and post-test analytical results, Quality Assurance (QA)/Quality Control (QC) procedures and any PFAS transformation or terminal products and their concentrations that were not destroyed in the destructive test. The Final Report shall include energy consumption requirements per test or at full-scale (e.g. \$/gal of treated concentrate).

If the destructive test is terminated prior to the scheduled completion, the Final Report shall also discuss the conclusions that led to the termination of the test, results achieved on all tasks completed and recommendations on how future tests could incorporate or manage the issues leading to termination of the test.

If the MPCA determines that the information submitted in the Final Report is inadequate, the Grantee shall prepare and submit additional information reasonably requested by the MPCA.

Executive Summary. At the same time the Final Report is submitted, the Grantee must also submit an Executive Summary of the destructive test and its results. The summary will be used in reports and to disseminate information on the outcomes and environmental benefits of the destructive test project.

Public data

Applications are private or nonpublic until opened. Once the applications are opened, the name and address of the applicant and the amount requested is public. All other data in an application is private or nonpublic data until all agreements are fully executed. After all agreements are fully executed, all remaining data in the applications is public with the exception of trade secret data as defined and classified in Minn. Stat. § 13.37. A statement by a grantee that the application is copyrighted or otherwise protected does not prevent public access to the application ([Minn. Stat. § 13.599, subd. 3](#)).

Conflict of interest

We will take steps to prevent individual and organizational conflicts of interest, both in reference to applicants and reviewers per [Minn. Stat. § 16B.98](#) and [Conflict of Interest Policy for State Grant-Making](#). Organizational conflicts of interest occur when:

- A grantee or applicant is unable or potentially unable to render impartial assistance or advice to the department due to competing duties or loyalties.
- A grantees or applicant's objectivity in carrying out the grant is or might be otherwise impaired due to competing duties or loyalties.

In cases where a conflict of interest is suspected, 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.

Affirmative action and non-discrimination requirements for all grantees

- A. 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. [Minn. Stat. § 363A.02](#). The grantee agrees to take affirmative steps to employ, advance in employment, upgrade, train, and recruit minority persons, women, and persons with disabilities.
- B. 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. R., pt. 5000.3500](#).
- C. The grantee agrees to comply with the rules and relevant orders of the Minnesota Department of Human Rights issued pursuant to the Minnesota Human Rights Act.

Exhibit A: Application assessment sheet

Applicants must meet the following to be considered for PFAS concentrate:

Requirements	Meets / Does not meet
PFAS destruction technology and test procedure: Demonstrates appropriate PFAS destruction technology and test project procedures.	
PFAS waste disposal: Demonstrates appropriate, complete chain-of-custody procedures for all stages of PFAS concentrate handling and possession from receipt through the point of disposal.	
Able to meet the insurance requirements.	
Able to meet the reporting requirements.	