

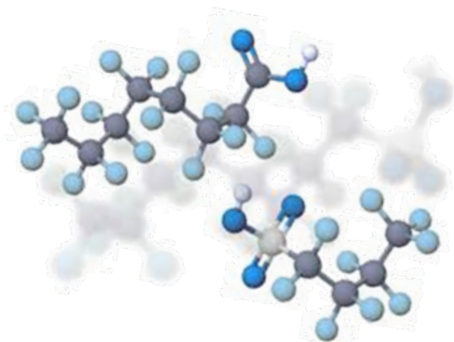
Per- and Polyfluoroalkyl Substances in New Hampshire & Funding

Good Afternoon!

Amy Rousseau
PFAS Response Administrator
MtBE Remediation Bureau



Per- and Polyfluoroalkyl Substances (PFAS)



- Family of man - made chemicals
- Resistant to grease, oil, water and heat
- AFFF, fabrics, carpets, cosmetics, food packaging.....
- Persistent in the environment

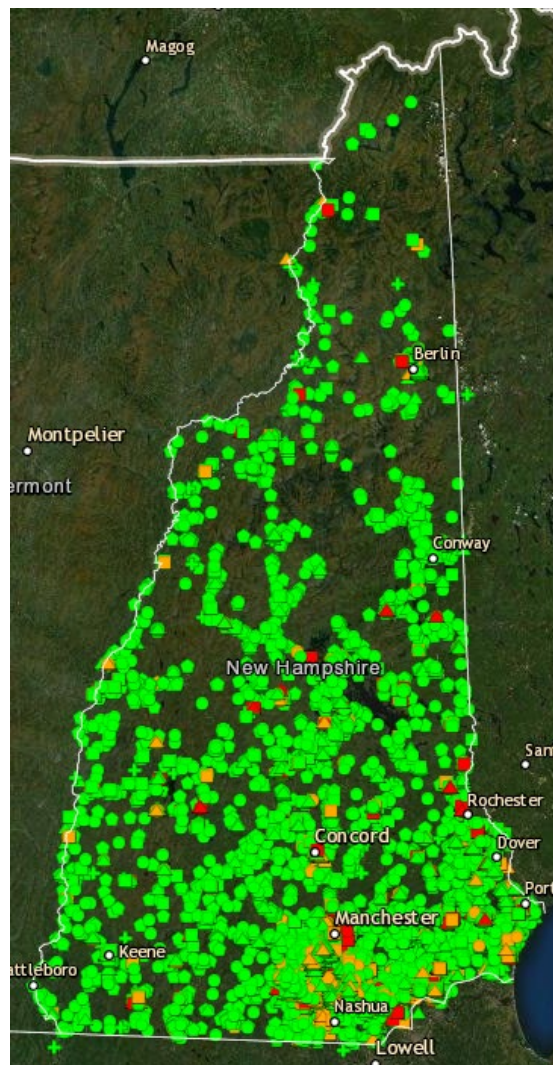


Welcome

Technical Resources for Addressing
Environmental Releases of Per- and
Polyfluoroalkyl Substances (PFAS)



PFAS in New Hampshire



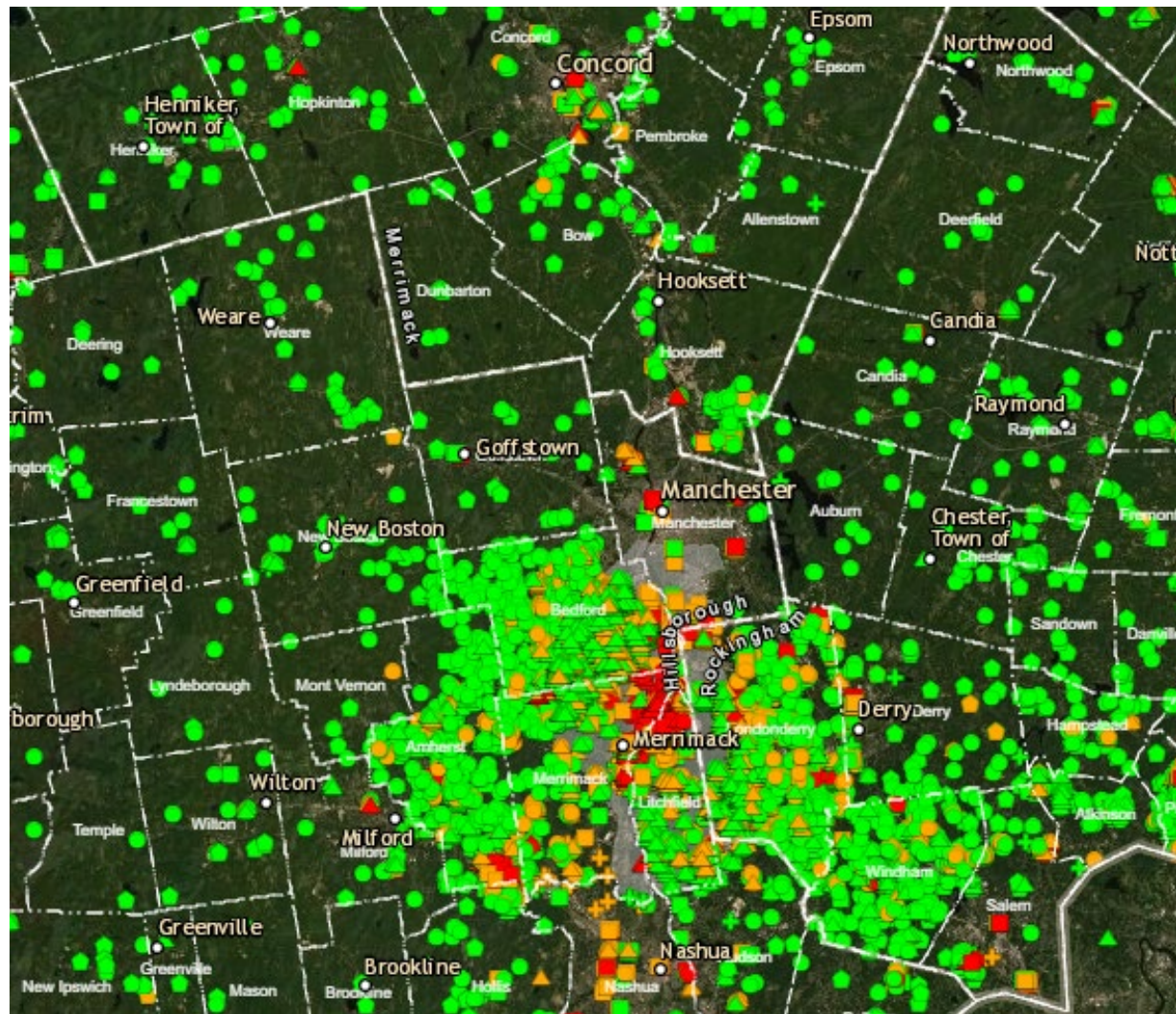
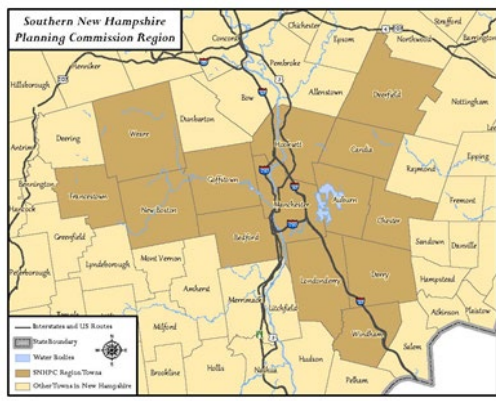
Perfluorochemical	Maximum Contaminant Level (MCL) / Ambient Groundwater Quality Standards (AGQS) (parts per trillion – ppt)
Perfluorooctanoic Acid (PFOA)	12
Perfluorooctanesulfonic Acid (PFOS)	15
Perfluorohexanesulfonic Acid (PFHxS)	18
Perfluorononanoic Acid (PFNA)	11

* Passed into law July 28, 2020

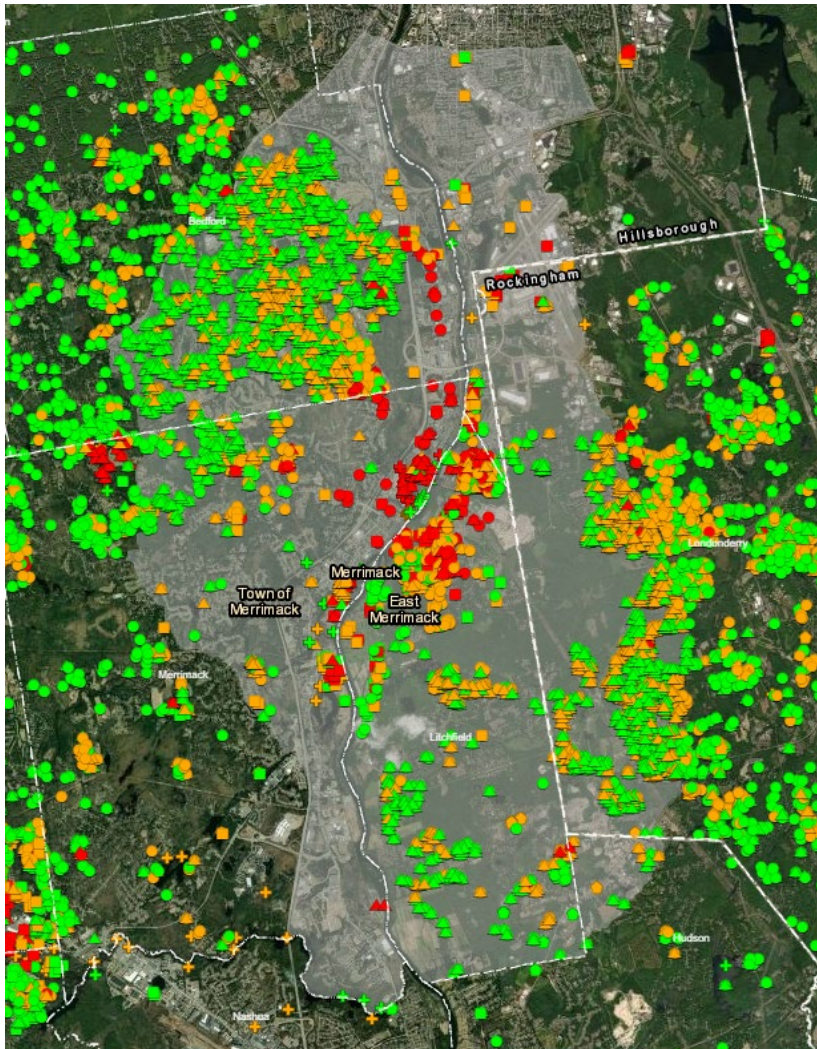
- ▲ PFOA+PFOS > 70 ppt
- ▲ PFAS > AGQS / MCL
- ▲ PFAS ≤ AGQS / MCL

PFAS Sampling Map:
[NHDES PFAS SAMPLING](https://www.nhdes.gov/arcgis)
[\(\[arcgis.com\]\(https://www.nhdes.gov/arcgis\)\)](https://www.nhdes.gov/arcgis)

Southern New Hampshire Planning Commission Region



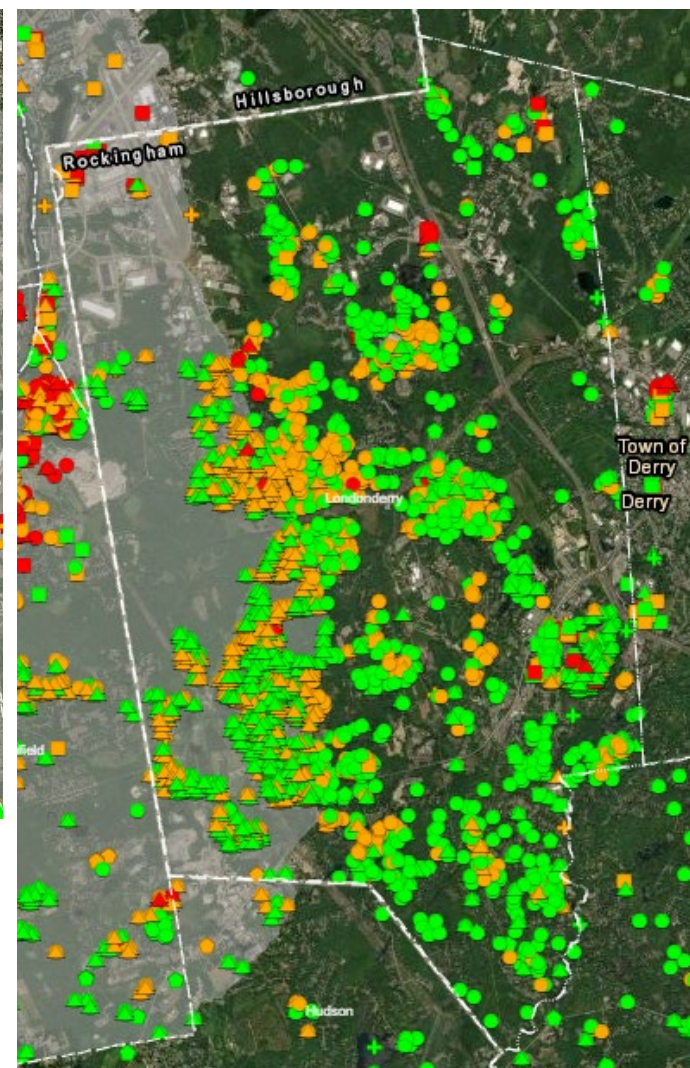
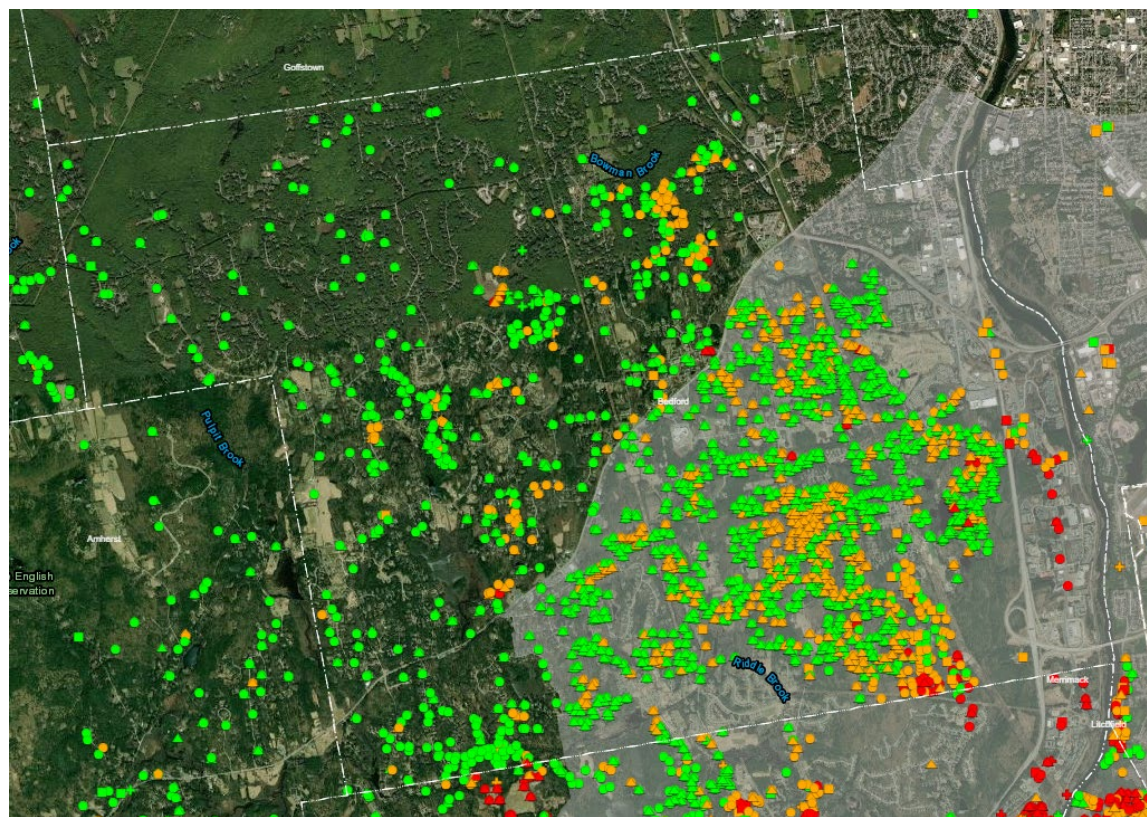
Private Well-Testing Request Form –
NH PFAS Investigation (state.nh.us)



Saint Gobain 2018 Consent Decree Area

- Includes Bedford, Manchester
and Londonderry

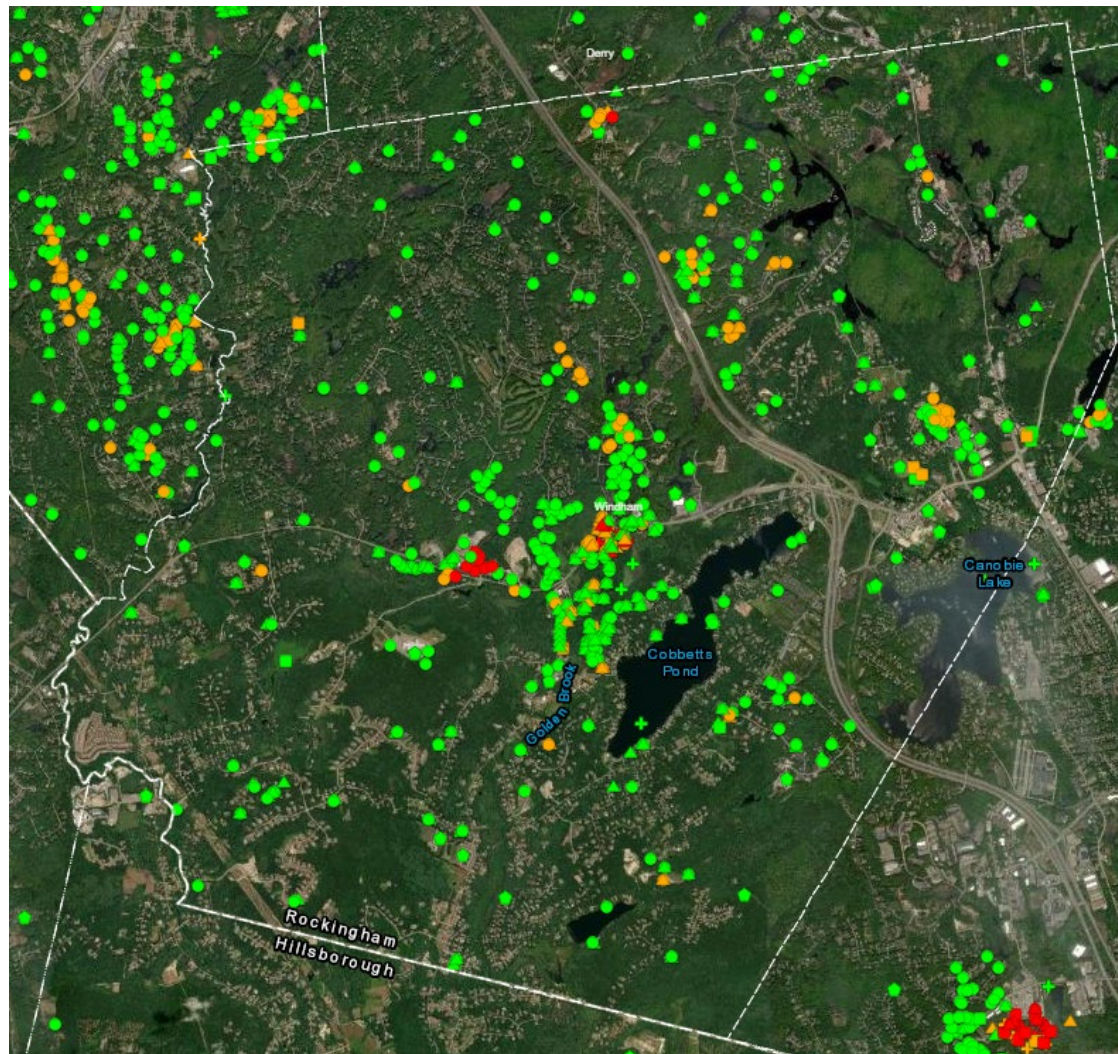
NHDES and Saint-Gobain Consent Decree
– NH PFAS Investigation (state.nh.us)



Bedford and Londonderry

2022 Saint Gobain Consent Decree:
NHDES and Saint-Gobain Performance Plastics Alternate
Water Agreement, April 2022

Town of Windham



NH PFAS Standards

Passed into Law July 28, 2020

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Per- & Polyfluorinated Alkyl Substances (PFAS) Funding

1

PFAS Treatment Design Services

Reimbursement program

PFAS Treatment Design Services

- Up to 26% of total cost of the project
- Eligibility Requirements
 - All schools and childcare centers
 - Transient and non - transient,
non - community water systems
 - Source(s) exceed a PFAS AGQS/MCL
- Open Enrollment - 1st Come, 1st Served

2

PFAS-Focused Consolidation Study Assistance Program

Reimbursement program

PFAS-Focused Consolidation Study Assistance Program

- 100% reimbursement with prior approval
- Eligibility Requirements
 - Community Water Systems
 - NT/NC owned by a non - profit (i.e., schools)
 - Municipalities
 - Source(s) exceed a PFAS AGQS/MCL
- Open Enrollment - 1st Come, 1st Served

3

PFAS Remediation Grant & Loan Fund

Overview and Eligibility Updates

PFAS Remediation Grant & Loan Fund Overview

- **\$50M for Low - Interest Loan**
 - Established in Statue (RSA 485 - H)
 - Potential for Principal Forgiveness
 - Contingent Reimbursement
- **\$25M in Grant Funds**
 - ARPA funding
 - \$1.5M or 30% of total project costs, whichever is greater
- **Covers 100% Cost for PFAS Remediation**

PFAS Remediation Grant & Loan Fund – Eligible Entities

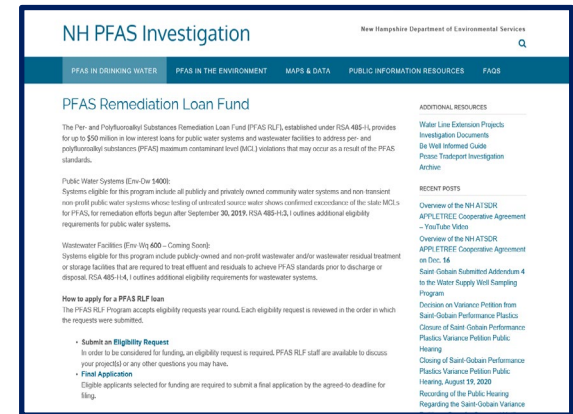
- Community Water Systems
 - Existing system
 - Expand system to assist private well users
- NNT/NC owned by a non - profit (i.e., schools)
- Municipalities
 - Municipal use
 - To assist private well users

PFAS Remediation Grant & Loan Fund – Additional Eligibility Requirements


- Exceedance of a PFAS AGQS/MCL
- Demonstrate remedy is most cost effective
- Liable third - party consideration
- Costs incurred after:
 - Loan - September 30, 2019
 - Grant – March 3, 2021

Application Process

- Open Enrollment - 1st Come, 1st Served
- Two Part Application
 - Eligibility Request
 - Final Application



	PFAS Treatment Design Services Reimbursement	PFAS Consolidation Study Program	PFAS Remediation Grant & Loan Fund	Future Emerging Contaminant Funding
Eligibility	<ul style="list-style-type: none"> - All schools & childcare centers - Transient PWS - Non-Transient PWS 	<ul style="list-style-type: none"> - Community PWS - Non-profit, Non-Transient PWS - Municipality 	<ul style="list-style-type: none"> - Community PWS - Non-profit, Non-Transient PWS - Municipality 	<ul style="list-style-type: none"> - Bipartisan Infrastructure Bill (BIL) - DWSRF Emerging Contaminants Funding - Water Infrastructure Improvements for the Nation (WIIN) - Small and Underserved Communities Emerging Contaminants Grant Program
What can be Funded	Design of a PFAS point of use or point of entry treatment solution to address PFAS AGQS/MCL exceedances	Engineering feasibility evaluation comparing interconnection to a larger community water system versus treating, maintaining, and operating a system's own water supply	Drinking water infrastructure projects to address AGQS/MCL exceedances	
Terms	Up to 26% of the total cost of the project	100% Reimbursement program	<ul style="list-style-type: none"> - Low interest loan rates; Up to 30-year term for disadvantaged applicants; Up to 50% contingent reimbursement - Grants at \$1.5M or 30% of the total cost of the project, whichever is greater 	Other Available Funding <ul style="list-style-type: none"> - Drinking Water State Revolving Loan Fund (SRF) - Drinking Water & Groundwater Trust Fund (DWGTF) - American Rescue Plan Act (ARPA)
Application Timeframe	Anytime – reviewed in order received			
More Information	https://www4.des.state.nh.us/nh-pfas-investigation/?page_id=1284	https://www4.des.state.nh.us/nh-pfas-investigation/?page_id=1284	https://www4.des.state.nh.us/nh-pfas-investigation/?page_id=1287	
Contact	Amy Rousseau- (603) 271-8801 or Amy.E.Rousseau@des.nh.gov			



Call me!!

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THANK YOU!

Any questions?

https://www4.des.state.nh.us/nh_investigation/ - pfas -