



# Laboratory Testing Guidelines for Per- and Polyfluoroalkyl Substances (PFAS) for Private and Public Drinking Water Supplies

Recommended guidelines for testing for Per- and Polyfluoroalkyl Substances (PFAS) in drinking water are provided in this document. [Laboratory testing guidelines for waste sites](#) are provided in a separate document. A broader overview of analytical and sampling considerations associated with testing for PFAS is available in Association of State Drinking Water Administrators' [PFAS Lab Testing Primer](#).

A list of laboratories that provide PFAS testing services is on the back of this document. Please ensure the laboratory you utilize can meet the requirements and recommendations provided below prior to contracting with the laboratory.

## **PFAS Sampling Requirements for Public Water Systems and Recommendations for Private Well Owners**

- 1) Reporting Limits:** Analytical methods with reporting limits of at least 2 nanograms per liter must be utilized for compliance monitoring required for public water systems. It is recommended private well owners use the same reporting limit.
- 2) Analytical Methods:** Analytical methods that use EPA Method 533, EPA Method 537 Rev 1.1 or EPA Method 537.1 may be utilized. NHDES only accepts laboratory data associated with compliance monitoring requirements for public water systems from laboratories with NELAP accreditation. It is recommended that private well owners also utilize accredited laboratories.
- 3) Analytes:** NHDES has adopted rules to establish Maximum Contaminant Levels for the four compounds listed below. All four of these compounds can be evaluated using EPA Method 533 or 537. Community water systems and non-transient public water systems will be required to sample for these compounds:

Perfluorooctanesulfonic acid (PFOS)    Perfluorooctanoic acid (PFOA)    Perfluorononanoic acid (PFNA)  
Perfluorohexanesulfonic (PFHxS)

The following additional PFAS have been regularly detected in groundwater samples in New Hampshire's drinking water and are also recommended target analytes to include in the PFAS analysis. The compounds below can be evaluated using EPA Method 533 or EPA Method 537, except for PFBA and PFPeA, which are not included in EPA Method 537.

Perfluorobutanoic acid (PFBA)    Perfluoropentanoic acid (PFPeA)    Perfluorohexanoic acid (PFHxA)  
Perfluoroheptanoic acid (PFHpA)    Perfluorobutanesulfonic acid (PFBS)

## **Addressing Contaminants Other than PFAS**

Public water systems regularly test their water sources for an extended list of contaminants and must demonstrate that the water quality complies with state and federal standards.

Homeowners are not required to sample their wells or comply with water quality standards. However, water from private wells is likely to contain other contaminants that have health-based drinking water standards or advisory levels such as arsenic, uranium, radon, manganese, nitrate and bacteria, which are naturally occurring or originate from other nearby land uses. It is important for all private well users to test for these contaminants and ensure that the water treatment technology that is installed is also appropriate for these contaminants if they are present in your

drinking water at elevated concentrations. For more information and technical assistance about testing and treating your drinking water these contaminants, go to <https://www4.des.state.nh.us/DWITool/Welcome.aspx>.

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## Laboratories that Provide PFAS Testing Services that Are Accredited by NHDES (06/01/19)

ABSOLUTE RESOURCE ASSOCIATES  
124 HERITAGE AVE, UNIT 16  
PORTSMOUTH, NH  
(603) 436-2001  
ABSOLUTERESOURCEASSOCIATES.COM  
INFO@ABSOLUTERESOURCEASSOCIATES.COM

ALPHA ANALYTICAL (MANSFIELD)  
320 FORBES BLVD  
MANSFIELD, MA  
(508)822-9300  
WWW.ALPHALAB.COM  
CS@ALPHALAB.COM

AMERICAN WATER CENTRAL LABORATORY  
1115 SOUTH ILLINOIS STREET  
BELLEVILLE, IL  
(618)235-3600  
AMWATER.COM

CHEMSERVE  
317 ELM STREET  
MILFORD, NH  
(603)673-5440  
WWW.CHEMSERVLAB.COM  
JAY@CHEMSERVLAB.COM

CON-TEST ANALYTICAL LABORATORY  
39 SPRUCE STREET  
EAST LONGMEADOW, MA  
(413)525-2332  
WWW.CONTESTLABS.COM  
KALLEN@CONTESTLABS.COM

EASTERN ANALYTICAL, INC.  
25 CHENELL DRIVE  
CONCORD, NH  
(603)228-0525 / (800)287-0525  
EASTERNANALYTICAL.COM  
CUSTOMERSERVICE@EASTERNANALYTICAL.COM

EUROFINS EATON ANALYTICAL, LLC (IN)  
110 SOUTH HILL ST  
SOUTH BEND, IN  
(574)233-4777  
WWW.EUROFINSUS.COM  
RONALDMILKE@EUROFINSUS.COM

EUROFINS LANCASTER LABORATORIES  
2425 NEW HOLLAND PIKE  
LANCASTER, PA  
(717)656-2300  
WWW.LANCASTERLABSENV.COM  
LANCLABSENV@EUROFINSUS.COM

GEL LABORATORIES LLC  
2040 SAVAGE ROAD  
CHARLESTON, SC  
(843)556-8171  
WWW.GEL.COM

GRANITE STATE ANALYTICAL  
22 MANCHESTER ROAD  
DERRY, NH  
(603)432-3044  
GRANITESTATEANALYTICAL.COM  
INFO@GRANITESTATEANALYTICAL.COM

MAXXAM ANALYTICS INTERNATIONAL  
6740 CAMPOBELLO ROAD  
ONTARIO CAN L5N 2L8,  
(905)817-5703  
WWW.MAXXAM.CA

NELSON ANALYTICAL  
490 E. INDUSTRIAL PARK DR.  
MANCHESTER, NH  
(603) 622-0200  
NELSONANALYTICAL.COM  
INFO@NELSONANALYTICAL.COM

PACE ANALYTICAL SERVICES INC  
8 EAST TOWER CIRCLE  
ORMOND BEACH, FL  
(386)672-5668  
WWW.PACELABS.COM

PACE ANALYTICAL SERVICES LLC -  
1700 ELM STREET SE SUITE 200  
MINNEAPOLIS, MN  
(612)607-6412  
WWW.PACELABS.COM  
PAUL.JACKSON@PACELABS.COM

SEACOAST ANALYTICAL LABORATORY  
72 PINKHAM ROAD  
LEE, NH  
(603) 868-1457  
SEACOASTANALYTICAL.COM  
CUSTOMERSERVICE@SEACOASTANALYTICAL.COM

SGS NA INC - ORLANDO  
4405 VINELAND ROAD, STE. C-15  
ORLANDO, FL  
(407)425-6700  
WWW.SGS.COM  
NORMAN.FARMER@SGS.COM

SGS NORTH AMERICA INC  
5500 BUSINESS DRIVE  
WILMINGTON, NC  
(910)350-1903  
WWW.SGS.COM

TEST AMERICA DENVER  
4955 YARROW STREET  
ARVADA, CO  
(303)736-0110  
WWW.TESTAMERICAINC.COM

TEST AMERICA SACRAMENTO  
880 RIVERSIDE PARKWAY  
WEST SACRAMENTO, CA  
(916)373-5600  
TESTAMERICAINC.COM  
CRM-WEST@TESTAMERICAINC.COM

VISTA ANALYTICAL LABORATORY  
1104 WINDFIELD WAY  
EL DORADO HILLS, CA  
(916)673-1520  
WWW.VISTA-ANALYTICAL.COM  
MMAIER@VISTA-ANALYTICAL.COM