



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 isotope dilution, 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 is adopting rules to establish Maximum Contaminant Levels for the four compounds listed below. Once the rules are adopted, 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.

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 <http://xml2.des.state.nh.us/DWITool/>.

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