

PFAS Water Testing and Filtration Resources



Residents concerned about exposure to per- and polyfluoroalkyl substances (PFAS) may want to test their drinking water and install filtration systems if needed. Residents on municipal or community water systems should contact their local utility or water provider first to learn whether PFAS testing has been conducted..

Below is a list of laboratories that can conduct PFAS water testing and filtration options that could be considered to reduce PFAS levels. For more information, please contact the NCDHHS Occupational and Environmental Epidemiology Branch at 919-707-5900 or oeeb@dhhs.nc.gov.

PFAS Water Testing Laboratories (LAB NAME AND CONTACT INFORMATION)

Tap Score | <https://mytapscore.com/pfas-water-test>

SGS North America Inc.

Wilmington, NC 28405 | (910) 350-1903

Enthalpy Analytical, LLC

Wilmington, NC 28405 | (910) 212-5856

PACE Analytical Services, LLC

West Columbia, SC 29172 | (803) 227-2702

PACE Analytical Services, LLC

Minneapolis, MN 55414 | (612) 607-1700

GEL Laboratories, LLC

Charleston, SC 29407 | (843) 556-8171

Gulf Coast Analytical laboratories, LLC

dba Pace Analytical Gulf Coast

Baton Rouge, LA 70820 | (225) 769-4900

Eurofins Lancaster Laboratories Environmental, LLC

Lancaster, PA 17601 | (717) 656-2300

Note: This is a partial list of laboratories that can measure various PFAS in water. NCDHHS has neither vetted these laboratories for quality, nor endorsed any specific laboratories. There may be other laboratories not listed above that can do the work. This list is provided purely for informational purposes for individuals who may be considering testing their residential well.

All laboratories use EPA testing method 537 or 537.1. The typical cost is between \$200-\$300.

Filtration Options to Remove PFAS

Technology	Removal System • ^ PFAS removed below detectable levels (unless noted otherwise)
Reverse Osmosis	Apec Water: RO-45 • APEC RO-45 • AquaTru Countertop Water Filtration • Aquasana: Under Sink OptimH2O® RO + Claryum® (PFHxA 99.2%, PFHpA 98.9%) • Culligan • Culligan Aqua-Clear • Culligan Aqua-Clear RO30 • Ecowater • Puronics Micromax 7000 • Titan Water Pro NW-RO50-NP35 • Zero Water • Kinetico® K-5*
Under-sink single stage	Custom Formulations KDF/GAC • eSpring 100189 (UV lamp off) • Hydroviv Tailored Tapwater
Whole house - GAC	Aquasana EQ-1000 • North American Aqua WHS-400*
Dual-stage	GE: FXSVC • Hydroviv Tailored Tapwater & HDX Whirlpool 3 • Kenmore • Whirlpool • Whirlpool: WHEM B40 (PFBA 94.9%)

^GenX, PFOS, PFOA, PFBS, PFHxS, PFBA, PFPA, PFNA, PFDA, PFHxA, PFHpA

Additional Options with Lower Effectiveness

Technology	Removal System	Average PFAS Removed %
Pitcher filter	Brita • Pur • Berkey • Zero Water • Aquasana: Clear Water Machine	GenX (46%) • PFOS (71%) • PFOA (67%) • PFBS (65%) • PFHxS (54%) • PFBA (36%) • PFPA (42%) • PFHxA (43%) • PFHpA (43%) • PFNA (>54%) • PFDA (>57%)
Fridge filter	LG 5231JA2006B • GE Smart WaterPlus • Every Drop • Whirlpool HDX FMW-5 • GE: Smart Water • Clear Choice: CLCH105 • Samsung • Amana • Bosch • Jenn-Air • Frigidaire • EcoAqua EFF6027A	GenX (56%) • PFOS (61%) • PFOA (71%) • PFBS (29%) • PFHxS (65%) • PFBA (45%) • PFPA (35%) • PFHxA (59%) • PFHpA (65%) • PFNA (72%) • PFDA (57%)

Note: Most of the filtration options listed in the tables above were compiled based on a study on the effectiveness of removal systems by Herkert, et al. available at <https://pubs.acs.org/doi/10.1021/acs.estlett.0c00004>. Two systems identified by an asterisk (*) were tested and approved for use by the NC Department of Environmental Quality (DEQ). NCDHHS has neither vetted nor endorsed any of the removal systems above.

All filtration systems require regular maintenance (e.g., filter changes) to be effective and can even become a source of increased PFAS levels over time if not properly maintained.



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