



### PFAS Testing

Per- and Polyfluoroalkyl Substances (PFAS) are a group of man-made chemicals that have been manufactured since the 1940s and are found in many consumer products used today. These chemicals do not readily breakdown in the environment, and studies indicate exposure can lead to harmful effects on human health.

In response to these potential health effects, the United States Environmental Protection Agency (US EPA) established health advisories for two PFAS compounds: PFOA and PFOS in drinking water at maximum contaminant levels (MCLs) in the parts per trillion. States, including New Hampshire, regulate not only PFOA and PFOS in drinking water but also include regulations for additional PFAS compounds at lower MCLs. PFAS monitoring has been included in public water supply sampling schedules as well as groundwater permits. Surface water, wastewater, and sludge are also being tested for these compounds.

When collecting PFAS samples, following the specific sampling protocols outlined by the EPA/State Agencies will minimize the chance of contamination and ensure results reflect actual PFAS levels in the sample(s). Contact your state agency for guidance regarding PFAS testing requirements.

### Did You Know January is National Radon Action Month?

It's a good time to test your drinking water!

### Radon in Drinking Water

Radon is a naturally occurring, colorless, odorless, and tasteless radioactive gas that can be found in the air and water of homes throughout the US. It is the leading cause of lung cancer deaths for non-smokers, and New Hampshire residents have greater potential for exposure due to the granite bedrock in the state.

The US EPA has not set enforceable regulatory limits for radon in drinking water. Radon testing is only required for initial water quality of new wells for drinking water systems. However, the US EPA recommends private well owners test their drinking water for common contaminants, including radon, every 3-5 years. The EPA recommends treatment if levels exceed 4,000 picocurie per liter (pCi/L). New Hampshire DES recommends treatment for levels above 2,000 pCi/L, Maine and Vermont above 4,000 pCi/L and Massachusetts above 10,000 pCi/L.

*Service Update – EAI now offers Radon testing in drinking water!!!*

EAI has added radon analysis to our extensive drinking water testing capabilities to meet the growing needs of our public water supply, municipal, and residential customers.

### EAI Drilling



Our Drilling Crew's expertise was put to the test maneuvering the GeoProbe® rig to collect soil, soil vapor and groundwater samples as well as monitoring well installs at various types of job sites over the summer.

They took parallel parking to the extreme, squeezed the rig into tight spaces, and took it for a walk in the woods!



EAI's Drillers are licensed, NGWA and 40 hour OSHA certified.

Our drilling calendar fills up quickly so be sure to schedule your upcoming project(s) today! Learn more by visiting us online at [easternanalytical.com/drilling](http://easternanalytical.com/drilling).



# 2019 is coming to an end. Are you ready?



## Holiday Hours

EAI will be closed during the holidays listed below. Please keep these dates in mind when planning your sample collection schedule, especially when parameters with immediate or short hold times are needed.

**Thanksgiving Day** - Thursday, November 28th

**Day after Thanksgiving Day** - Friday, November 29th

**Christmas Eve** - Tuesday, December 24th

**Christmas Day** - Wednesday, December 25th

**New Year's Day** - Wednesday, January 1st

We wish you a happy holiday season!

## Looking Ahead to 2020 .... New EAI Nuts & Bolts Training Seminar Offered

EAI is adding a new Industrial Nuts & Bolts Training seminar to our 2020 lineup!

- **Environmental Consultants**
- **Public Water System Operators**
- **Wastewater Operators**
- **Industrial** *new!*

Our informative laboratory and sample collection training sessions are for new employees or seasoned veterans in the environmental industry. Training covers a variety of materials including pre-project planning, sample collection protocol, sample delivery and analyses, documentation, and more.

Attendees receive a certificate of completion, earn CEU credits (*Training Credit Hours/TCH for Consultants*) and all of the sessions are free!

In addition to EAI training, a guest speaker from NHDES will present a topic of interest specific for each seminar.

Your *EAI Nuts & Bolts Seminar* invitation will arrive in your inbox late December.

## Learn More

To learn more about any of the Lab-O newsletter items, request additional information or order containers, please call us at 1-800-287-0525, send us an email or visit us online today!

## End of Year Checklist

How many end-of-year items are already checked off your lab testing list?

- Order Q4 bottle kits
- Email EAI 2020 permits for Auto Bottle Orders\*
- Request quotation(s) for 2020 budgets
- Keep end of the year holidays in mind when collecting your samples and scheduling pick-ups.
- Schedule an EAI courier to pick-up extra sample coolers taking up space
- Schedule upcoming drilling project(s)

## Any items left unchecked? Let us know how we can assist you!

1-800-287-0525

[customerservice@easternanalytical.com](mailto:customerservice@easternanalytical.com)

*\*Auto Bottle Orders - EAI can automatically provide you with everything you need to complete your scheduled sampling rounds. Our internal tracking system will tell us when to prepare and deliver the appropriate supplies to you well in advance of your sample collection date. You don't have to do a thing! Please let us know if you would like to learn more.*



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*professional laboratory and drilling services*

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