



### Regulatory Updates

Here's a snapshot of environmental regulatory and Eastern Analytical, Inc. (EAI) service updates we thought worth sharing from 2018 — and what's still to come in 2019!

#### Compliance Public Water In Effect

The SOC sample schedules include three additional contaminants that can no longer be "waived":

- **Dibromochloropropane (DBCP)** — *EPA Method 504*
- **Ethylene Dibromide (EDB)** — *EPA Method 504*
- **Diquat** — *EPA Method 549*

A Cyanide sample will be scheduled in conjunction with an upcoming IOC sample. The testing frequency has increased since cyanide is commonly added to road salt to prevent caking.

#### Per and Polyfluoroalkyl Substances (PFAS)

NHDES initiated rulemaking to establish standards for four per- and polyfluoroalkyl substances (PFAS). Proposed MCLs and NH Ambient Groundwater Quality Standards (AGQS) (ng/mL):

- **Perfluorooctanesulfonic acid (PFOS)** — *70 ppt*
- **Perfluorooctanoic acid (PFOA)** — *38 ppt*
- **Combined PFOS and PFOA** — *70 ppt*
- **Perfluorononanoic acid (PFNA)** — *23 ppt*
- **Perfluorohexanesulfonic acid (PFHxS)** — *85 ppt*

#### Arsenic

NHDES has proposed lowering the drinking water limit for arsenic from 10 parts per billion (ppb) established by the U.S. Environmental Protection Agency (EPA) in 2001 to 5 ppb by the end of this year.

Rule Year	MCL (ug/L)
1975	50 ppb
2006	10 ppb
2019	5 ppb proposed

### NH SB247: Law Now In Effect



NH SB247 Prevention of Childhood Lead Poisoning from Drinking Water in Effect. NH SB247, which requires all schools and licensed childcare facilities to test for lead in their drinking water at each location where it is consumed by children, was signed into law last year.

### Training Seminars

In addition to our annual water, wastewater operator and consultant Nuts & Bolts Training seminars we hold at our lab, EAI's technical staff provides off-site training presentations upon request. We're currently scheduled to present training courses for Granite State Rural Water Association (GSRWA), Environmental Business Council (EBC), and NHDES's Winnepesaukee River Basin Program (WRBP) as well as for several EAI customers.



# Lab & Drilling Updates



We had a productive year streamlining several methods, adding new testing capabilities, reducing waste and adding drilling equipment to meet the needs of our customers.

## Streamlined Methods

- **Heterotrophic Plate Count (HPC) (Aqueous)** — *SimPlate EPA approved, streamlined*
- **Automated BOD Prep (Aqueous)** — *Streamlined, improved efficiency*

## Lowered Reporting Limits

- **1,4 Dioxane SIM VOC EPA Method 8260C (Aqueous)** *lowered RL from 0.25 ug/L to 0.20 ug/L*

EAI proactively lowered RLs in response to NHDES revising the AGQS for 1,4 Dioxane from 3.0 ug/L to 0.32 ug/L.

## New Testing Capabilities

- **Sulfur (Aqueous/Solid/Oil)** — *EPA Method 200.7/6010B (ICP)*
- **Calcium Carbonate Equivalent** — *EPA Method 200.8/6020 (ICP/MS)*
- **Total Carbon (est.) (Sludge)** — *Calculation*
- **Micro Legionella (Non-potable and potable water)** — *Reported as either Present or Absent or as MPN/100ml*

## Contacting EAI

For your convenience and to help us serve you better, please send to or cc: [customerservice@easternanalytical.com](mailto:customerservice@easternanalytical.com) when emailing individuals here at the lab. Your message will be received by our customer service team and will ensure your requests are promptly met should the individual you are trying to reach is out of the office.

## Learn More

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

## New Drilling Equipment



**Air Hammer Unit and Compressor** so rock wells can be set down to 60 feet through bedrock!



**New Trailer** accommodates GeoProbe® track rig and tooling.

## Expanded Courier Services

We hired additional courier personnel and increased our vehicle fleet to allow us to serve more customers, at farther distances, throughout New England.



**Eastern Analytical, Inc.**

[EasternAnalytical.com](http://EasternAnalytical.com)