

ACCURATE NEWS

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Training schedule for next 2 months listed on page 2



Accurate Environmental
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TULSA

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Previous Articles

Jul: Career Advancement Thru Training
Jun: Consumer Confidence Reports
May: Annual Renewal Training
Apr: CCR Services
Mar: Stage 2 DBPR Overview
Feb: Don't Wait

Access newsletter archive at
www accuratelabs.com

Blue Green Algae Toxin

Blue Green Algae (BGA) has made headlines again this summer. Currently, Toledo, Ohio is dealing with a large BGA bloom that has impacted more than 500,000 residents of the Toledo metro area. The cause of the algae bloom is phosphorus and nitrogen from agricultural runoff – a common cause of most algae blooms that affect drinking water supplies.

Blue Green Algae blooms typically occur in late summer and early fall and are frequently described to look like paint on the surface of the water, which can range in color from blue or bright green to brown or red. Although most forms of algae pose no threat to human health, BGA produce toxins that can cause a variety of symptoms in humans, as well as pets and livestock. The most common effects of human exposure to these toxins are upper respiratory problems, skin rashes or hives, vomiting, and diarrhea.

In order to minimize the risk of infection from BGA, people should avoid swimming or other recreational activities where the water is discolored, or where foam, scum, or mats of algae are found on the water. Children are more susceptible to the effects of BGA toxins because they are more likely to drink or swallow the water in which they are playing, and due to their smaller size, may experience more severe symptoms from lower quantities of the toxins. If you encounter a body of water that appears to have a Blue Green Algae bloom, keep children and pets out of the water to avoid infection.

According to the National Oceanic and Atmospheric Administration (NOAA), the occurrence of harmful algal blooms appears to be increasing across the US. Because of this, the EPA has added certain algae to the Drinking Water Contaminate Candidate List. If you have concerns about BGA in your drinking or recreational water supplies, **Accurate Labs can provide testing to determine the concentration of the Microcystin LR toxin, which is the most frequently encountered and the most toxic compound produced by Blue Green Algae. Using state-of-the-art LC/MS/MS instrumentation, Accurate Labs can provide rapid analysis and detailed reporting.**

If you are unsure about proper sampling techniques or concerned about personal safety when taking samples, Accurate Environmental's staff of well-trained field service technicians can do the sampling for you and deliver them to Accurate Labs for analysis. Enlisting Accurate Field Services for your sampling and sample delivery needs provides you with a simpler and safer way to get samples to the lab for prompt analysis and reporting. **Contact Accurate Environmental Laboratory at (800) 516-LABS if you have any questions or concerns regarding Harmful Algae Blooms in your area.**

STILLWATER CLASSES

AUGUST

01 Open Exam Session #11884
05 – 07 "D" Water & Wastewater Oper
18 – 19 "C" Water Operator
25 – 28 "C" Wastewater Laboratory

SEPTEMBER

05 Open Exam Session #12150
09 – 11 "D" Water & Wastewater Oper

TULSA CLASSES

AUGUST

08 Open Exam Session #11887
20 – 21 "C" Wastewater Operator
26 – 28 "D" Water & Wastewater Oper

SEPTEMBER

12 Open Exam Session #12153
17 – 18 "C" Water Operator
23 – 25 "D" Water & Wastewater Oper
29 – 10/02 "B" Wastewater Operator

For more a more complete class listing or to view class descriptions, register for classes online, or download ODEQ exam applications, visit www accuratelabs.com/trainingcenter.php .

Toxic Blue Green Algae Blooms



Blue Green Algae blooms, often caused by nutrients from agricultural runoff, are typically described as looking like paint in the water. Some have also described the contaminated water as looking like pea soup. Contact Accurate Environmental Labs for more information if you have concerns about possible BGA blooms in your ponds, lakes, or streams.



Questions, comments, or suggestions? If you have a question or comment about something you've seen in our newsletter, or if you have suggestions about topics you would like to read about in future newsletters we would like to hear from you. Email your comments or suggestions to jeff@accuratelabs.com .

Accurate Environmental is one of the nation's most unique and comprehensive environmental service providers. They not only operate the largest commercial environmental lab in Oklahoma and state-of-the-art operator and laboratory training centers, but also provide laboratory supply sales, field and sampling services with weekly sample pick-up routes, as well as environmental and engineering services.

Accurate Labs is comprised of three full-service laboratories, including our headquarters in Stillwater and two additional labs in Tulsa and Oklahoma City. They provide analytical services for drinking water, wastewater, groundwater, soil, sediment, sludge, and hazardous waste. Accurate Labs is nationally certified through The NELAC Institute, and the only commercial lab in Oklahoma that is fully certified for drinking water analysis.

Accurate Environmental Training Center (AETC) is an award winning training center offering operator and laboratory certification and renewal classes at their classrooms in Stillwater and Tulsa. Using multiple instructors for each class, and various teaching methods, such as pie charts and standard formulas for math, AETC is able to tailor training to meet the needs of each individual student.

Accurate Laboratory Supplies (ALS) is an authorized Hach dealer that can save you valuable time and money on all your laboratory supplies, chemicals, and equipment needs with one simple phone call. ALS even offers FREE DELIVERY to clients along their routine sample pick-up routes.

Accurate Field Services, with a team of well-trained field service technicians, provides field and sampling services throughout the state for drinking water, wastewater, soil, sludge, and hazardous waste. Accurate Field Services also has weekly sample pick-up routes to provide their clients with a fast, economical, and safer way to get samples to Accurate Labs for analysis.

Accurate Engineering Services (AES) provides expert technical assistance related to municipal and industrial water, wastewater, solid wastes and biosolids, industrial pretreatment, and environmental site assessments. AES is here to help your system meet EPA and DEQ rules and regulations, improve operation performance, and reduce operating costs.