



ACCURATE NEWS

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Training schedule for next 2 months listed on page 2



**Accurate Environmental
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Previous Articles

Dec: Right Training Makes a Difference
Nov: Be Prepared for EPA/DEQ Audit
Oct: Selecting a Crypto Lab
Sep: Environmental Sampling
Aug: Registering for Classes & Exams
Jul: Lack of Training Creates Risk

Access newsletter archive at
www accuratelabs.com

JANUARY 2017

Toxic Blue-Green Algae: Be Prepared!

Cyanobacteria, commonly referred to as blue-green algae, are naturally-occurring photosynthetic bacteria found in surface waters. Warm, still water that is high in nutrients provides the perfect conditions to promote the growth of cyanobacteria. When growth becomes excessive, it is called a Harmful Algal Bloom (HAB). During HABs, algae mats or scum form on the surface of the water. This surface growth has often been described as looking like paint in the water. It is during the growth and destruction stages of the cyanobacteria that the cyanotoxins are released into the water.

The high levels of cyanotoxins produced during HABs can have adverse health effects for humans and animals, which is why it so important to monitor drinking water sources and recreational waters for the presence of cyanobacteria. Microcystins and cylindrospermopsin are two cyanotoxins that are considered harmful and should be monitored. Microcystins is associated with liver toxicity, while cylindrospermopsin is more associated with kidney toxicity. Other toxins produced by HABs have been known to cause skin irritation, gastrointestinal illness, and may sometimes negatively affect the nervous system.

Years before blue-green algae was making headlines, **Accurate Labs** recognized the important role it played in the health of our communities. So much so that they developed a method of testing for the Microcystin toxin before most people even knew what it was. Now that toxic blue-green algae has become a major point of concern across the nation, **Accurate Labs is ready**. Not only have they been **testing for cyanotoxin for years**, but they have recently acquired **new instrumentation to increase their capability and efficiency**, as well as **reducing cost**. **Screening for 10 cyanotoxins will be a requirement of the UCMR4 program that begins 2018, all of which Accurate Labs is equipped to test for.**

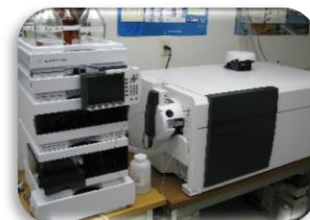
If you have questions or would like more information about testing for cyanobacteria (blue-green algae) contact Danny Chance by email at Danny@accuratelabs.com or call (800) 516-LABS.



Blue-Green Algae
(Cyanobacteria)



Microplate Photometer
for screening of the
microcystin cyanotoxins



LC/MS/MS used to test for
multiple cyanotoxins

STILLWATER CLASSES

JANUARY 2017

03 – 05 "D" Water & Wastewater Oper
06 Open Exam Session #13633
09 – 10 "C" Water Operator
30 – 02/02 "C" Wastewater Laboratory

FEBRUARY

03 Open Exam Session #13636
07 – 09 "D" Water & Wastewater Oper
13 – 16 "C" Water Laboratory
27 – 03/02 "A/B" Water Laboratory

TULSA CLASSES

JANUARY 2017

13 Open Exam Session #13635
18 – 19 "C" Wastewater Operator
24 – 26 "D" Water & Wastewater Oper

FEBRUARY

10 Open Exam Session #13637
21 – 23 "D" Water & Wastewater Oper

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

Convenient Website Registration For Training

The **Accurate Environmental Training Center website** contains many resources for operators and lab technicians, including a **calendar of classes** where you can **view upcoming classes month by month, class descriptions, class/exam numbers, and DEQ exam application deadlines**. You can also **register for classes through the Accurate Training Center webpage**. Check out the training calendar to find a class that you would like to attend and to get the class details. Then click the "Enrollment Form" link in the division menu of the web page. Complete the online form and submit it. Once your enrollment has been processed, you will receive a **confirmation email verifying all of the class details**. The **ODEQ exam application and study guides can also be downloaded** from the **Accurate Environmental Training Center website**. Visit www accuratelabs.com/training-center for more information.

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.