

JUNE 2017

ACCURATE NEWS

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Training schedule for next 2
months listed on page 2



Accurate Environmental
Labs & Training Center Offices:

STILLWATER

505 South Lowry
Stillwater, OK 74074
Ph (800) 516-LABS

TULSA

6558 East 40th St.
Tulsa, OK 74145
Ph (800) 516-LABS

OKLAHOMA CITY

12036 N. Pennsylvania
Oklahoma City, OK 73120
Ph (800) 516-LABS



Previous Articles

May: Annual Renewal Training
Apr: Blue-Green Algae
Mar: Consumer Confidence Rule (CCR)
Feb: Disinfection Byproduct Control
Jan 2017: Blue-Green Algae
Dec: Right Training Makes a Difference

Access newsletter archive at
www.accuratelabs.com

Blue-Green Algae Toxicity

Cyanobacteria, commonly referred to as blue-green algae, occur naturally in surface waters especially during the summer and where high levels of nutrients exist. Several factors including water temperature, pH and an increase in the amount of sunlight may produce very favorable conditions for the cyanobacteria to produce a dangerous Algae bloom. Algae blooms can happen suddenly and cover the surface of the water with a thick blue-green algae mat or scum layer. This high concentration of algae will produce cyanotoxins, which are hazardous compounds produced by blue-green algae. These toxins can cause serious health effects, even at very low concentrations, for people utilizing the water for drinking purposes or recreation.

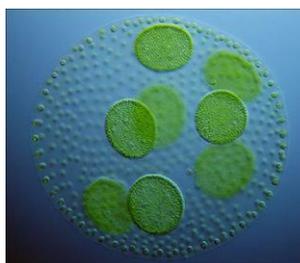
Plant operators need to know if they have these dangerous types of bacteria in their source water and if so, are they adequately treating the water to remove any potential toxins from the finished drinking water. Detection of the compounds is very difficult at such low concentrations and requires very specialized equipment. **Accurate Labs has the ability to not only check the water for the presence of blue-green algae but also check for the concentrations of the individual toxins.** This analysis will also be **required by the EPA for the UCMR4 program** that will begin in 2018. **Accurate Labs has already obtained certification from the EPA for this analysis** and is ready to provide you with any analytical needs that may be needed.

For more information about **Accurate Labs'** blue-green algae testing services, **contact Danny Chance** by phone at **(800) 516-LABS** or email

Danny@accuratelabs.com.



LCMS Analysis



Cyanobacteria (single cell)



Microscopic Identification

STILLWATER CLASSES

JUNE

01 (AM)	Water & Wastewater Refresher*
08 (AM)	Water & Wastewater Refresher*
15 (AM)	Water & Wastewater Refresher*
22 (AM)	Water & Wastewater Refresher*
29 (AM)	Water & Wastewater Refresher*

JULY

07	Open Exam Session #13909
11 – 13	"D" Water & Wastewater Oper
17 – 18	"C" Wastewater Operator
24 – 27	"C" Wastewater Laboratory

TULSA CLASSES

JUNE

06 (PM)	Water & Wastewater Refresher*
13 (PM)	Water & Wastewater Refresher*
20 (PM)	Water & Wastewater Refresher*
27 (PM)	Water & Wastewater Refresher*

JULY

14	Open Exam Session #13910
19 – 20	"C" Water Operator
25 – 27	"D" Water & Wastewater Oper

**All refresher classes will cover water and wastewater treatment process overviews, troubleshooting, and sampling. Laboratory quality assurance and quality control will also be included in the topics of discussion.*

DON'T FORGET YOUR ANNUAL RENEWAL TRAINING!

Accurate Environmental Training Center has 4-hour refresher classes scheduled every Tuesday afternoon in Tulsa and every Thursday morning in Stillwater throughout the month of June. You need to get your annual renewal training done by June 30th so that you do not have a lapse in certification. Renewal fees need to be paid by the end of June, as well. If you have questions about renewal training, or if you need to sign up for a class, contact Jeff Clarke by phone at (800) 516-5227 or email Jeff@accuratelabs.com.

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.