

APRIL 2017

ACCURATE NEWS

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Training schedule for next 2
months listed on page 2



Accurate Environmental
Labs & Training Center Offices:

STILLWATER

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TULSA

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Tulsa, OK 74145
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OKLAHOMA CITY

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Previous Articles

Mar: Consumer Confidence Rule (CCR)

Feb: Disinfection Byproduct Control

Jan 2017: Blue-Green Algae

Dec: Right Training Makes a Difference

Nov: Be Prepared for EPA/DEQ Audit

Oct: Selecting a Crypto Lab

Access newsletter archive at
www accuratelabs.com

Blue-Green Algae (Cyanobacteria)

Cyanobacteria, commonly referred to as blue-green algae, can be expensive for utilities to treat and a danger to people and animals that ingest, or otherwise come in contact with the contaminated water. Cyanobacteria release toxins that are known to cause liver damage in people and kill animals. Therefore, it is important to monitor surface waters and ground water under the direct influence of surface water that are used for drinking water supplies and/or recreation. Monitoring these toxins has become more critical since scientists at Oregon State University have also found that the toxicity of algal blooms appears to be increasing due to nutrient enrichment and rising temperatures.

There are few labs that have the advanced equipment and expertise to provide testing for cyanotoxins, and even fewer that are approved to do so for the EPA's Unregulated Contaminant Monitoring Rule (UCMR). **Accurate Environmental Labs** has been testing cyanotoxins for years and has **recently expanded their capabilities** to include additional **compounds that will be required to monitor under the EPA's fourth UCMR program.**

Below is a list of blue-green algae and cyanotoxin analyses offered by Accurate Environmental Labs:

Compound	Instrumentation
Total Microcystins	ELIZA
Specific Microcystins & Nodularin	LCMS Triple Quadrupole
Anatoxin-A and Cylindrospermopsin	LCMS Triple Quadrupole
Algae/Invertebrate Identification	Microscopy

Accurate Labs is a NELAP certified lab with offices in Stillwater, Tulsa, and Oklahoma City, making sample drop-off convenient for clients. For clients along Accurate's weekly field service routes, **professional Field Technicians can pick up samples** from client facilities, **and can also pull samples for the client** when needed. For more information about **Accurate Environmental Laboratory and Field Services**, contact **Danny Chance** by email at Danny@accuratelabs.com or call **(800) 516-LABS.**



LCMS Triple Quadrupole used
for cyanotoxin analysis



Cyanobacteria viewed
through microscope



Invertebrate identification
by microscopy

STILLWATER CLASSES

APRIL

04 – 06 "D" Water & Wastewater Oper
07 Open Exam Session #13640
24 – 27 "A/B" Wastewater Operator

MAY

02 – 04 "D" Water & Wastewater Oper
05 Open Exam Session #13907
08 – 09 "C" Water Operator
15 – 18 "A/B" Wastewater Laboratory
22 – 25 "C" Water Laboratory

TULSA CLASSES

APRIL

10 – 13 "B" Water Operator
14 Open Exam Session #13641
18 – 20 "D" Water & Wastewater Oper

MAY

12 Open Exam Session #13908
10 – 11 "C" Wastewater Operator
23 – 25 "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.

CERTIFICATION TRAINING FOR LICENSE RENEWAL

All ODEQ Operator and Laboratory licenses expire on June 30th and you must have had at least 4 hours of DEQ approved training during the current fiscal year in order to renew your license. If you have been thinking about upgrading your license, or getting additional certification, doing so now would have several benefits. For one, certification training will fulfill your annual renewal training requirement so you won't have to take a separate renewal class. And, new certifications obtained in April or May do not have to be renewed that June. Doing this can save you time and money, plus you would be upgrading or adding to your current list of certifications. See the schedule above to find out what classes are coming up before June. For more information, or to enroll in Accurate Training Center classes contact Jeff Clarke 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.