

ACCURATE NEWS

Issue 12.14.1

Training schedule for next 2 months listed on page 2



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Previous Articles

Nov: Environmental Insurance
Oct: Environmental Insurance
Sep: Environmental Insurance
Aug: Blue Green Algae Toxin
Jul: Career Advancement thru Training
Jun: Consumer Confidence Reports

Access newsletter archive at
www accuratelabs.com

Quality Assurance and Quality Control

Drinking water and wastewater is tested to determine if treatment requirements are being met and to ensure that the water is safe. But how can you be sure the test results are accurate? Without a good **Quality Control and Quality Assurance** program in place, there is no way of knowing how accurate the data is, nor is it defensible should the results come into question. So what is Quality Assurance and Quality Control? **Quality Assurance (QA)** is a set of operating principles that if strictly followed during sample collection and analysis, will produce data of known and defensible quality. **Quality Control (QC)** is the process of using internal and external control measurements to determine the quality and validity of data produced by the lab. In short, **Quality Assurance aims to prevent problems or deficiencies, while Quality Control exists to identify problems and deficiencies and correct them.**

Last year EPA introduced twelve **Quality Assurance and Quality Control checks** that would be required for all water and wastewater treatment plant labs. In January 2015 the **ODEQ will begin enforcing those requirements**, resulting in violations for systems that are not consistently and properly performing the minimum QA/QC procedures. This will be an unfamiliar process for many labs, and a considerable increase in the amount of time spent running and documenting quality control checks. Therefore, **it is essential that lab technicians understand the requirements and have procedures in place** to be able to meet the recent QA/QC regulations while continuing to operate as efficiently as possible.

Accurate Environmental's nationally certified labs can be an invaluable partner in the process of **preparing, implementing and maintaining a treatment plant lab's QA/QC program**. Accurate's training staff has decades of laboratory experience and are deeply involved in the daily QA/QC activities of EPA, ODEQ, and several other State certified laboratories. Accurate offers 4 tiers of QA/QC support:

1. Prepare QA/QC plan for treatment plant lab
2. QA/QC evaluation of treatment plant lab to assess needs and make recommendations for personnel training, equipment, and SOP's.
3. Provide proficiency and unknown (PT) samples to verify accuracy and precision of lab results
4. Monthly retainer service to control all aspects of the lab QA/QC program, including services listed in support tiers 1, 2, and 3.

If you would like to learn more about **Accurate Environmental's** laboratory QA/QC support program and training, call Jeff Clarke at **(800) 516-LABS** or email

jeff@accuratelabs.com.

STILLWATER CLASSES

DECEMBER

02 – 04 "D" Water & Wastewater Oper
08 – 09 "C" Water Operator
14 Open Exam Session #12152
15 – 18 "C" Wastewater Laboratory

JANUARY 2015

02 Open Exam Session #12367
06 – 08 "D" Water & Wastewater Oper
12 – 13 "C" Wastewater Operator
26 – 29 "C" Water Laboratory

TULSA CLASSES

DECEMBER

05 Open Exam Session #12156
10 – 11 "C" Wastewater Operator
16 – 18 "D" Water & Wastewater Oper

JANUARY 2015

09 Open Exam Session #12368
14 – 15 "C" Water Operator
20 – 22 "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, visit www accuratelabs.com/trainingcenter.php .

Quality Assurance and Quality Control Classes

Accurate Environmental Training Center offers specialized Quality Assurance and Quality Control classes every year for water and wastewater treatment plant lab technicians. In fact, Accurate has offered QA/QC refresher classes every June since 2007. Accurate Environmental has always realized the importance of a rigorous QA/QC program, and given their high levels of certification, they are in an ideal position to help your lab understand and develop its own QA/QC program. Get top notch laboratory Quality Assurance and Quality Control training from a nationally (NELAP) and State (ODEQ) certified laboratory and the largest commercial environmental lab in the state. Accurate Environmental has been in business for a quarter of a century with management staff averaging over 20 years' experience each. Why would you go anywhere else?

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.