

Accurate NEWS



ENVIRONMENTAL SERVICES

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AETC Holds OCC Approved Course for Remediation Consultants

Accurate Environmental Training Center (AETC) in Stillwater, Oklahoma has scheduled an Oklahoma Corporation Commission (OCC) approved "**Sampling**" Class for the Continuing Education Credits for Remediation Consultants. This class is also Oklahoma Department of Environmental Quality (ODEQ) approved for all Water and Wastewater Treatment Plant Operators and Lab Technicians.

The Sampling Class is a one-day, eight-hour class from 8:00 am to 5:00 pm scheduled for October 14, 2005 and December 9, 2005. The tuition is \$95, which includes a 3-ring notebook, hand-outs, refreshments and lunch. The topics covered include Characteristics of Water & Wastewater, Pretreatment, QA/QC, Sampling & Preservation of Water & Wastewater, and Math Calculations.

For further information and enrollment, please call Clarke Hodson at 1-800-516-5227. Enrollment is limited to the first 20 enrollees, so please call early to make your reservations.

Stormwater Rule

Stormwater runoff occurs when precipitation in the form of rain or snowmelt, flows over a surface. Surfaces such as driveways, sidewalks, and streets prevent stormwater from naturally soaking into ground. Stormwater can pickup debris, such as chemicals, dirt, and other pollutants. This runoff can then flow into a storm sewer system, directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the water bodies we use for swimming, fishing, and providing drinking water.

The Stormwater Phase II Final Rule (December 8, 1999) requires operators of regulated small municipal separate storm sewer systems (MS4s) to obtain a National Pollutant Discharge Elimination System (NPDES) permit. They are required to develop a stormwater management program designed to prevent harmful pollutants from being washed by stormwater runoff into the MS4 (or from being dumped directly into the MS4) and then discharged from the MS4 into local water bodies.

Accurate Environmental Services is ready to manage your stormwater program, including design of stormwater collection points and detention basins. Accurate Field Services can provide automatic samplers with rain sensors and flow detection meters for the sampling event. Accurate Environmental Labs, national certified in three locations (Stillwater, Tulsa, and Oklahoma City), can provide quality analysis of your stormwater samples. For more information about Accurate Environmental Services contact us at 800-516-5227.



**AETC
Classes
Are Now
In
Oklahoma
City.
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Out the
AETC Class
Schedule
on AETC
Web Site**



www.accuratetraining.com



Who Needs an ODEQ License?

Almost every week someone calls or asks a question in class about who needs a ODEQ License to work in a water or wastewater treatment plant, rural water district or in a situation where they work on water and/or wastewater lines. The answer is anyone who makes a decision that affects the quality or quantity of water or wastewater to the public.

The following is taken from *Title 252 Oklahoma Department of Environmental Quality Chapter 710 Waterworks and Wastewater Works Operator Certification*. Section 252: 710 – 3 – 31 (a)(1) states: "All persons who make decisions regarding the daily operational activities of: (A) a public water system, water treatment facility and/or distribution system that will directly impact the quality and/or quantity of drinking water, including a nontransient noncommunity water system, or (B) a wastewater system, wastewater treatment facility and/or collection system;..."

This means if you work in a water treatment facility – you **MUST** have a license, if you work in a wastewater facility – you **MUST** have a license, if you are down in a ditch working with or repairing a water or wastewater line – you **MUST** have a license, if you instruct the person doing the work - you **MUST** have a license. There are no questions asked. You **MUST** have a license.

You **CANNOT** work under someone else's license. You **MUST** have your own certification license. Some of the licenses include operator license, lab technician license, distribution and collection license, and temporary license. If you do not have one, you need to get one.

Accurate Training Provides Scholarships

Accurate Environmental Training Center (AETC) is very proud of many of their students' accomplishments who do well in our classes and on the ODEQ Exams. To further promote excellence in the classroom and the job site, AETC is very proud to announce, beginning July 01, 2005, they will begin awarding a \$500 scholarship to one AETC student every six months.

One AETC student will be selected from the "Pool" of students who take their certification training at any of the AETC locations **and** score a 95% or greater on their ODEQ Exams. This student will then receive the \$500 AETC scholarship.

Further information about the scholarships is available in class or by calling Clarke Hodson at 1-800-516-5227.

Accurate Environmental Training Center

STILLWATER Classes

July

12 – 14 "D" W & WW Operator
19 – 21 "C" Water Operator

August

08 "D" Dist & Coll
09 – 11 "C" Dist & Coll
16 – 18 "C" Wastewater Operator
22 – 25 "A / B" Wastewater Oper
29 – 01 "B" Wastewater Laboratory
29 – 02 "A" Wastewater Laboratory

September

06 – 08 "D" W & WW Operator
12 – 15 "C" Wastewater Laboratory
19 – 22 "B" Water Laboratory
19 – 23 "A" Water Laboratory
27 – 01 Short School

TULSA Classes

July

11 "D" Dist & Coll
12 – 14 "D" W & WW Operator
26 – 28 "C" Wastewater Operator

August

09 – 11 "D" W & WW Operator
22 – 25 "C" Wastewater Laboratory
29 "D" Dist & Coll
30 – 01 "C" Dist & Coll

September

06 – 08 "C" Water Operator
27 – 01 Short School

OKLAHOMA CITY Classes

July

11 "D" Dist & Coll
12 – 14 "C" Dist & Coll
26 – 28 "C" Water Operator

August

09 – 11 "D" W & WW Operator
22 – 25 "C" Water Laboratory
29 "D" Dist & Coll
30 – 01 "C" Dist & Coll

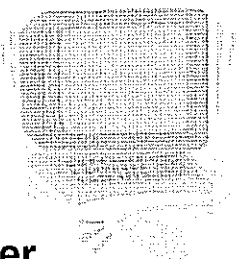
September

06 – 08 "C" Wastewater Operator
27 – 01 Short School

Accurate Field Services Sample Pick-up

Accurate Field Services provides the unique service of (no cost to our clients) route pick-ups and deliveries. What started out as two routes in Oklahoma, now has grown to eight routes throughout Oklahoma and includes Arkansas and Kansas. We not only pick up samples and delivery certified clean analytical containers (also no cost to our clients) but we now also work with Accurate Lab Supplies (ALS) to get ALL your analytical and laboratory needs completed as quickly as possible.

If you are on one of our established routes this service is no cost to you. If we do not have a route in your area please let us know if you are interested in our service. It may help us establish a new route. Until a route in your area is established, we may still be able to pick-up or deliver for you at a minimal fee. If you are interested in Accurate Field Services Routes scheduling, capabilities or pricing, please contact John Russell (Field Services Manager) at 1-800-516-5227 or via email at john@accurateenvironmental.com



New Accurate E-Newsletter

Accurate, Inc. has a new E-Newsletter in production. You will find the same valuable information as you would in our regular newsletter, but you get it by e-mail. If you would like to begin receiving these E-News Publications, please notify Clarke Hodson by phone at 1-800-516-5227, or by e-mail at clarke-atc@accuratelabs.com. We hope to hear from you soon.

Available Cyanide

There are several methods used to test for Cyanide (CN). The most common test is **Total Cyanide**. Some of the other methods are **Available Cyanide (WAD)**, **Amenable to Chlorine Cyanide**, and **Free Cyanide**. These testing methods use specific analytical methodology to determine these forms of cyanide. Therefore it is important that these methods be understood when testing for cyanide.

Total Cyanide testing gives you a concentration for **ALL** the cyanide compounds in the water sample. The total concentration of **Free Cyanide**, **WAD Cyanide**, and the **Metal Complexes** produces the **Total Cyanide** results. The **Metal Complexes** of cyanide are mostly stable and are less soluble in water. **Metal Cyanide complexes** are considered to be less dangerous or less toxic. The **Metal Complexes** pose little threat to the plant and animal life in the rivers and lakes. **Total Cyanide** testing does have some interferences that come from nitrates, sulfates, and fatty acids.

Amenable Cyanide is that which changes or is created after the chlorinating process at the plant. Some organic chemicals will oxidize during chlorinating, which will give higher results after the chlorinating process. This test also has some interferences to watch for similar to total cyanide.

Free Cyanide is always the lowest value. This is the cyanide hydride gas that forms and diffuses into the air in the presents of a low pH level.

Available Cyanide testing values are always less than the **Total** and more than the **Free**. **Available Cyanide** is sometimes referred to as **WAD** (weak acid dissociable).

The **Available Cyanide** informs you how much cyanide is present that can react with other compounds in the water. The **Available Cyanide** is more toxic and is considered to be the more dangerous cyanide form. **Available Cyanide** is becoming a popular testing procedure. This method has fewer interferences and can provide much lower detection limits.

Accurate Environmental Labs currently has the instrumentation to perform all of these cyanide tests. **Accurate Environmental Labs** is the only laboratory in the state with an instrument specific for available cyanide testing.

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Accurate Environmental Labs



Accurate Environmental Labs is an NELAP certified environmental laboratory primarily serving municipal and industrial clients in Kansas, Oklahoma, Texas, Arkansas and Louisiana. We provide analytical support for projects involving wastewater, drinking water, ground water, soil, sediment and sludge. In addition, we offer complete field sampling services. We maintain certifications in Oklahoma, Arkansas and Kansas for wastewater and hazardous waste analysis. Accurate Labs is the only commercial lab in Oklahoma fully certified for drinking water analysis.

Accurate Field Services



Accurate Field Services provides Field Services and Sampling Pick-Up Routes out of Stillwater, Tulsa and Oklahoma City Field Offices. We have routes that extend through out the state of Oklahoma and into southern Kansas, southwest Missouri and northwest Arkansas.

Accurate Environmental Training Center (AETC)



Accurate Environmental Training Center provides ODEQ State Certification Classes and Training for the Water and Wastewater Treatment Facility Operators, Laboratory Technicians, Distribution and Collection Operators and Technicians, Industry and Pretreatment Personnel, Rural Water Districts, Indian Tribes, State Parks, Public and Private Camp Grounds, Mobile Home Parks, and Construction and Contract Personnel.

Accurate Laboratory Supply (ALS)



Accurate Laboratory Services provides laboratory supplies needed by most water and wastewater treatment plant and laboratory facilities, industries, and educational facilities, or any other facility in the Oklahoma, Arkansas and Kansas region. Our pricing is very competitive, but the **real value** of ALS is the **service and convenience** we provide. ALS is prepared to help our customers set up and design a lab from scratch if necessary. Another benefit of ALS is free delivery of supplies along our routine weekly routes. For those not serviced by one of our routes, we will use a courier for delivery and charge a small fee.

Accurate Laboratory Services is an **Authorized HACH Regional Distributor** in the state of Kansas, Oklahoma and Arkansas.

Accurate Environmental Services (AES)



Accurate Environmental Services provides environmental technical services related to municipal and industrial water, wastewater, solid wastes and biosolids, industrial pretreatment and environmental site assessments.