

Accurate NEWS



ENVIRONMENTAL SERVICES

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Cryptosporidium Treatment:

Cryptosporidium is a protozoan parasite that is of particular concern in drinking water because it is resistant to disinfectants like chlorine and it has been associated with water borne disease outbreaks. Ingestion of Cryptosporidium can cause acute gastrointestinal illness, and health effects in sensitive sub-populations (e.g., infants, AIDS Patients, the elderly) may be severe, including the risk of death.

The Long Term 2 Enhanced surface Water Treatment Rules (LT2ESWTR) proposed by USEPA to reduce disease incidence with associated with Cryptosporidium and other pathogenic microorganisms in drinking water.

Under the LT2ESWTR systems initially conduct source water monitoring for Cryptosporidium to determine their treatment requirements. Filtered systems will be classified in one of four risk bins based on their monitoring results. EPA project that the majority of systems will be classified in the lowest risk bin, which carries no additional treatment requirements.

Cryptosporidium monitoring by large systems (serving at least 10,000 people) will begin six months after the LT2ESWTR is finalized and will last for duration of two years. Small systems (serving less than 10,000 people) are on a delayed schedule and will start monitoring when the required large system monitoring is finished. To reduce monitoring costs, small filtered systems will initially conduct one year of monitoring for E.Coli, which is a bacterium that is less expensive to analyze than Cryptosporidium. This system will be required to monitor for Cryptosporidium for one year only if their E.Coli results exceed specified triggering concentrations. Systems must conduct a second round of monitoring beginning six years after the initial bin classification. Systems may grandfather equivalent previously collected data in lieu of conducting new monitoring, and systems are not required to monitor if the maximum level of treatment under the rule.

Accurate Environmental Laboratory is the only provider of Cryptosporidium testing in this region (one out of just sixteen laboratories in the nation).



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



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MTBE Sampling & Analysis Requirement

Duo to recent concerns about MTBE contamination in Ground Water, Oklahoma Corporation Commission (OCC) now required sampling program to address this issue. All site will need to be sampled at least once. Sampling program need to be for an SOR monitoring well or the well nearest the source, of initial, 4-ORBCA Monitoring wells, and should be tested for MTBE.

The sampling plan for the first MTBE sampling event at each site should include the collection of sufficient volume of water to analyzed MTBE with two organic methods (GC method 8021 and GC/MS method 8260). Because GC method 8021 commonly results in false positives, OKDEQ in their UST section on Laboratory Accreditation, only recognizes method 8260, which means, test results from method 8021 analyses can only be used for screening purposes. Therefore to screen each site, the initial analysis for MTBE should be run using method 8021. A non-detected result establishes the absence of MTBE. However, any hit of 20 ppb, or greater, must be followed with another analysis using GC/MS method 8260 protocols.

Accurate Field Services Field Sampling

Accurate Labs has provided Field Services since being founded in 1990. Our Field Services Department was established to help those who were not able, or did not have the time to conduct sampling. Accurate Field Services has the equipment and instrumentation to get it done right, from computerized auto-samplers to field pH meters. We have collected samples for monitoring wells, wastewater, drinking-water, hazardous waste and storm-water. Our technicians can not only collect the samples, but, will complete the Chain-of-Custody and keep custody of the samples till delivery to one of our three analytical laboratories. Having Accurate Field Services and Accurate Labs complete your sampling and analysis assures that the job will be completed right. If you are interested in Accurate Field Services scheduling, capabilities or pricing, please contact John Russell (Field Services Manager) at 1-800-516-5227 or via email at john@accurateenvironmental.com

Accurate Environmental Training Center

STILLWATER Classes

- October**
 03 "D" Dist & Coll
 04 – 06 "C" Dist & Coll
 18 – 20 "C" Water Operator
 24 – 27 "A/B" Water Operator
- November**
 01 – 03 "D" W & WW Operator
 10 Sampling Class
 29 – 01 "C" Wastewater Operator
- December**
 05 "D" Dist & Coll
 06 – 08 "C" Dist & Coll
 09 Sampling Class

TULSA Classes

- October**
 11 – 13 "D" W & WW Operator
 24 – 27 "C" Water Laboratory
 31 "D" Dist & Coll
- November**
 01 – 03 "C" Dist & Coll
 15 – 17 "C" Wastewater Operator
- December**
 06 – 08 "D" W & WW Operator
 12 – 15 "C" Wastewater Laboratory

OKLAHOMA CITY Classes

- October**
 11 – 13 "D" W & WW Operator
 24 – 27 "C" Wastewater Laboratory
 31 "D" Dist & Coll
- November**
 01 – 03 "C" Dist & Coll
 15 – 17 "C" Water Operator
- December**
 06 – 08 "C" W & WW Operator
 12 – 15 "C" Water Laboratory

Accurate Environmental Training Center's \$500 Scholarship Program

AETC strives to provide the best opportunity and learning environment possible for students and operators to better themselves and to learn how to treat water and wastewater to the best of their abilities. We do this by providing the best curriculum and instructors in the state. Our success rate is reflected by how well our students perform on the state exams.

AETC provides several incentives for the operators and students to learn and better themselves in the classroom and work site. Our newest incentive is the

"\$500 Scholarship" Program

Any operator who enrolls in and participates for the full duration of any of the AETC's Certification Classes, and then takes and scores a 90% or better on the corresponding ODEQ Certification Examination, will have the opportunity to receive a **\$500 Scholarship** during that six month period they took the AETC Certification Class and ODEQ Exam.

AETC is providing the \$500 Scholarship twice a year, once in January and once in July, to promote excellence in the classroom and on the job site. We provide quality education to Oklahoma, Kansas and Arkansas Operators and we want to see them exceed in the classroom, on the ODEQ Examinations and then be able to take the information back to their own facilities and be successful there, too. This is AETC's way of rewarding the operators who do well in class and on the job site.

If you have any questions or comments, please do not hesitate to contact Clarke Hodson at 1-800-516-5227.

2006 AETC Class Schedule

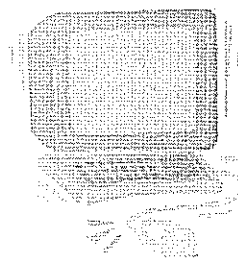
Accurate Environmental Training Center currently has their 2006 Training Schedule ready. We have begun enrollment procedures for many of the classes. As many of you have already experienced, some of AETC classes have filled up rather quickly. Some classes have filled up as soon as 3 to 6 months in advance. So, please plan well ahead for your certification **AND** renewal classes and call Clarke Hodson to get your name on the list. ***Remember, to call and enroll in a class at least three weeks prior the class so you can send in your exam application in the proper time.***

ODEQ Exam Application

Please send in your ODEQ Exam Application, ***with payment***, a minimum of 3 weeks in advance. If you do not get your exam application, ***with payment***, into ODEQ in a timely fashion, you take the chance of not being able to take the examination when requested. ODEQ and AETC are getting too many students not sending in their exam application and payments properly and in a timely fashion, which has caused the students not to be able to take the examinations as requested. Soooo... please do not embarrass yourself and put ODEQ and AETC in the position of not allowing you to take your examination as requested because **YOU** did not send in the exam application and payment properly. ***YOU are the one responsible to get the exam application and fees sent to ODEQ in a timely fashion, a minimum of three weeks before the exam date.***

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.





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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.