

ACCURATE NEWS

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Training schedule for next 3 months listed on page 2



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Previous Articles

Feb: Don't Wait
Jan: The Difference
Dec: Keep Current or Pay Penalty
Nov: QA/QC
Oct: Click Here For More Info!
Sept: Registration for Certification

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Stage 2 DBPR Requirement Overview

What is Stage 2 DBPR?

The U.S. Environmental Protection Agency (EPA) published Stage 2 Disinfectant and Disinfection ByProduct Rule (Stage 2 DBPR) on January 4, 2006. As of October 1, 2013 all schedule systems are required to comply with the new rule. The Stage 2 DBPR builds on the existing Stage 1 DBPR regulations by requiring water systems to meet disinfection byproduct (DBP) maximum contaminant levels (MCLs) at **each monitoring site** in the distribution system to better protect public health.

Why Was Stage 1 DBPR Ammended?

Prior to Stage 2, Stage 1 DBPR required that systems comply with MCLs by calculating a running annual average (RAA) of all samples from all monitoring locations across a given system. This practice failed to protect public health in isolated areas by allowing a single site to continually exceed recommended MCLs while the system remained in compliance by averaging all monitoring locations within the system.

How Will Stage 2 Changes Affect Your System?

As you may know, Stage 2 DBPR required all community water systems and all non-transient non-community water systems serving more than 10,000 people to conduct an initial distribution system evaluation (IDSE), which Accurate Engineering Services was happy to assist many of you with. The goal of the IDSE was to characterize the distribution system and identify monitoring sites where customers were exposed to high levels of TTHM and HAA5.

Now that the Stage 2 DBPR has taken effect you can expect some changes in monitoring and compliance requirements. Under the new rule the total number of monitoring sites is **determined by the system population** rather than by the number of treatment plants.

Additionally, MCL compliance will now be calculated using the **locational RAA (LRAA) for each monitoring site** in the distribution system.

The Stage 2 DBPR also requires public water systems to comply with specific operational evaluation limit (OEL). This will require your system to conduct operational evaluations and **submit a report to the State DEQ if OELs found during Stage 2 monitoring are exceeded**. The operational evaluation requirements of the Stage 2 DBPR are intended as an indicator of operational performance and to allow systems to take steps to remain in compliance with the Stage 2 DBPR MCLs.

How can Accurate Engineering Services (AES) Assist You?

Accurate Engineering Services is very familiar with the new Stage 2 DBPR and is capable of assisting your system in complying with the many complexities of the new rule. AES can assist you in calculating your systems LRAA as well as assist in the determination and preparation of operational evaluations and OEL reports. They can conduct treatability studies for systems exceeding MCLs and help to identify the most cost effective solution to the problem. AES is experienced in reducing TTHM and HAA5 through aeration, alternate disinfection, and carbon studies and are confident that they can solve your system's Stage 2 problems as well.

For more information about **Accurate Engineering Services**
Contact **David Kincannon, P.E.** at **(800) 516-LABS**
or email david@accuratelabs.com

STILLWATER CLASSES

MARCH

04 – 06 "D" Water & Wastewater Oper
14 Open Exam Session #11752

APRIL

01 – 03 "D" Water & Wastewater Oper
11 Open Exam Session #11753
21 – 24 "C" Water Laboratory
28 – 05/01 "A/B" Water Laboratory

MAY

02 Open Exam Session #11754
06 – 08 "D" Water & Wastewater Oper
12 – 13 "C" Water Operator
19 – 22 "C" Wastewater Laboratory

JUNE

05 DW Sampling / WW Sampling
12 Biological Processes
19 Operator Math
26 QA and QC

TULSA CLASSES

MARCH

07 Open Exam Session #11749
12 – 13 "C" Wastewater Operator
18 – 20 "D" Water & Wastewater Oper

APRIL

04 Open Exam Session #11750
09 – 10 "C" Water Operator
14 – 17 "B" Water Operator
22 – 24 "D" Water & Wastewater Oper

MAY

09 Open Exam Session #11751
14 – 15 "C" Wastewater Operator
27 – 29 "D" Water & Wastewater Oper

JUNE

03 Biological Processes
10 DW Sampling / WW Sampling
17 QA and QC
24 Operator Math

Environmental Insurance

Accurate Environmental Services (AES) can provide their engineering and environmental services as part of a **monthly retainer program** that is **based on your needs** and the size of your system. As part of the program, AES can make **monthly visits** to your system, **assist you with correspondence with the ODEQ**, and help you **prepare any reports** they require, such as the monthly discharge monitoring reports, as well as consumer confidence reports. The **Environmental Insurance** program allows you to focus on the day-to-day operation of your system, while AES provides you with the data and assistance to do so as **efficiently and effectively** as possible.

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.