

FREE TCEQ SPECIAL TOPICS TRAINING FOR WATER OPERATORS



Location: Baytown East Plant, 5359 East Grand Parkway, Baytown, Texas 77523

Date: Wednesday, July 30, 2025

Time: 8:00 AM – 5:00 PM

TCEQ's Texas Optimization Program (TOP) looks forward to providing this **FREE** training, with the opportunity to gain up to eight (8) water operator Continuing Education (CE) hours (*specific hours pending approval from TCEQ Occupational Licensing Section*).

Public water system (PWS) operators have spoken, and we have listened! Enjoy these frequently requested Special Topics, with opportunities to discuss your specific issues with our expert instructors.

To register, complete this [form](#).

Time	Special Topic	Instructor
8:00 – 11:00	OPERATOR MATH: Practical Problem Solving Bring your questions! Mark will review the right (and wrong!) ways to approach key math concepts for operating (and exams).	Mark McCasland, PE Mark joined TOP after decades helping PWSs at EPA. His explanations make operator math clear and understandable
11:00 – 12:00	Lead and Copper This presentation will give a brief overview of the history of lead and copper in drinking water, the health effects associated with their ingestion, and the Lead and Copper Rules (LCR) implemented to minimize their release and protect public health.	Wenjie Sun, PhD, PE Wenjie has over 20 years' experience teaching and working with other engineering, scientific, and technical professionals in tackling complex drinking water treatment challenges like lead and copper.
1:00 – 3:00	Emergency Preparedness This presentation will cover the federal and state acts for Emergency Preparedness Plans and Emergency Response and Resiliency Plans. It will highlight Senate Bill 3 (SB3) requirements including the resiliency training requirements for operator licensing, capital improvement, and asset management plans.	Mark McCasland, PE Mark has spent his career at the EPA and TOP helping water systems, for example, pitching in after hurricanes to help PWSs get up and running.

3:00 – 5:00	<p>PFAS: The “Forever” Chemicals</p> <p>While PFAS have been around for years, they have recently become a hot topic of concern. This presentation will address their sources, health effects, current regulations, and current treatment technology available to remove them from drinking water.</p>	<p>Wenjie Sun, PhD, PE</p> <p>Wenjie is a subject matter expert in PFAS exposure in drinking water and wastewater systems and over his career has provided expert insights into their health impacts and risk assessment strategies for their exposure across various communities.</p>
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