



Continuing Education for TCEQ Occupational Licenses

Abbreviation	License	Maximum Hours
W	Water System Operator	9
WW	Wastewater System Operator	10
MSW	Municipal Solid Waste Facility Supervisor	10
LPST	LPST Corrective Action Project Manager	8
UST	UST On-Site Supervisor	8

2024 Environmental Trade Fair & Conference Draft Agenda

(All speakers are TCEQ staff unless otherwise noted)

Tuesday, May 14th

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:15–3:15	4:00–5:00
OFFICE OF AIR: AIR PERMITTING, AIR QUALITY, AIR GRANTS <i>BALLROOM EF</i>	Air Permits Division Updates Overview of current APD issues. <i>Samuel Short</i> <i>Level: Basic</i>	New Source Review (NSR) Permits Step-by-step guide to the NSR case-by-case permitting process. <i>Maryam Rasti</i> <i>Level: Basic</i>	Recent Air Quality Research in Texas Summary of recent air quality research in Texas. <i>Doug Boyer</i> <i>Level: Intermediate</i>	How to Apply for Federal Operating Permits (Title V) Overview of the Title V application process including a discussion of STEERS. <i>Rhyan Stone</i> <i>Level: Basic</i>	Air Grants 101 Discussion of background and goals of TERP and an introduction to TERP grant programs. <i>Bethany Blackstone</i> <i>Level: Basic</i>



ENVIRONMENTAL TRADE FAIR & CONFERENCE

Tuesday, May 14th

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:15–3:15	4:00–5:00
COMPLIANCE ASSISTANCE AND ENFORCEMENT <i>ROOM 17AB</i>	A New Revolution for TCEQ Public Data Learn how TCEQ is revolutionizing data publishing practices and capabilities through a powerful new platform. <i>Grant Cardwell</i> <i>Level: Basic</i>	From the Frontlines of Environmental Compliance and Enforcement An overview of compliance and enforcement trends, new legislation, and initiatives. <i>Craig Pritzlaff</i> <i>Level: Basic</i>	Texas Tier II Chemical Reporting Program Tier II program information, including background and laws, reporting requirements, and program evolution at TCEQ. <i>Luke Furfey</i> <i>Level: Basic</i>	Trending Topics at Petroleum Storage Tank Investigations Current and trending issues at PST Compliance, including investigations, installations, and removals since January 2021. <i>Mike Pace; Steve Zawrotny</i> <i>Level: Basic</i> LPST, UST	Overview of Fill Material Discussing regulatory interpretations for what fill material is and how it can be used. <i>Alec Kana</i> <i>Level: Basic</i>



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Tuesday, May 14th

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:15–3:15	4:00–5:00
<p>ENVIRONMENTAL QUALITY ALONG THE TEXAS BORDER WITH MEXICO</p> <p><i>TUESDAY ONLY</i></p> <p><i>ROOM 15</i></p>	<p>Environmental Quality and Compliance Assistance along the Texas Border with Mexico</p> <p>How the TCEQ protects human health and natural resources along the Texas-Mexico border.</p> <p><i>David Ramirez; Eddie Moderow</i></p> <p><i>Level: Basic</i></p>	<p>Coahuila’s Environmental Agenda: Challenges and Opportunities</p> <p>An overview of Coahuila’s environmental policy on the border and beyond.</p> <p><i>Diana Susana Estens de la Garza, Secretary of Environment, Coahuila</i></p> <p><i>Level: Intermediate</i></p>	<p>Lower Rio Grande Water Quality Initiative: Binational Salinity Study</p> <p>Innovative research addressing salinity spikes and improving water quality through binational collaboration.</p> <p><i>Dr. Jose Luis Fernandez Zayas, Universidad Autonoma de Mexico; Dr. David Eaton, University of Texas - Austin with support from Dr. Dan Sheer and Miguel Pavon</i></p> <p><i>Level: Intermediate</i></p>	<p>Water and Agriculture in the Lower Rio Grande Valley</p> <p>Diverse perspectives from agricultural and community leadership.</p> <p><i>Jim Darling, Region M Chair; Tudor Uhlhorn, Rio Grande Valley Sugar Growers, Inc.; Anthony Stambaugh, Hidalgo County Irrigation District #2</i></p> <p><i>Level: Intermediate</i></p>	<p>Binational Water Treaties Between US and Mexico: Drought, Growing Demographics, and Opportunities for Water Management</p> <p><i>Rosario Sanchez, Senior Research Scientist, Texas Water Research Institute</i></p> <p><i>Level: Intermediate</i></p>



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INTRODUCTION TO ENVIRONMENTAL REGULATIONS <i>ROOM 18AB</i>	PST Rules and Compliance Resources Overview of PST rules and available compliance tools for PST facilities. <i>Rachel McMath, Stephanie Lindgren</i> <i>Level: Basic</i>	Understanding the Enforcement Process Overview of policy used to initiate enforcement and determine penalty amount related to TCEQ orders. <i>Katy Montgomery</i> <i>Level: Basic</i>	Introduction to e-Permits: Petroleum Storage Tank (PST) Registrations How to set up a STEERS account and submit PST registration forms and NOCs. <i>Courtney Yantis</i> <i>Level: Basic</i>	Basic Principles of Waste Determination Basic overview of the industrial and hazardous waste rules for generators. <i>Charles Mortensen, Will Wyman</i> <i>Level: Basic</i>	Pollution Prevention (P2) Planning Overview: How to comply with the Waste Reduction Policy Act and the P2 Planning rule. <i>Shelby Williams</i> <i>Level: Basic</i> RENEW Overview of resource exchange and how to best use renewtx.org. <i>Juliana Sampson</i> <i>Level: Basic</i>
	LPST, UST	W, WW, MSW, LPST, UST	LPST, UST	MSW	MSW



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Tuesday, May 14th

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LAB PRACTICES AND DATA REPORTING <i>ROOM 19B</i>	TCEQ Lab Accreditation Program Update An update on the TCEQ Laboratory Accreditation Program for 2024. <i>D. Jody Koehler</i> <i>Level: Basic</i>	PFAS State of the Union PFAS State of Regulations and Methods. <i>Taryn McKnight, Eurofins Environment Testing America</i> <i>Level: Intermediate</i>	Compliance Monitoring Data Portal (CMDP) for Public Water System Laboratories Discussion on the upcoming release of the CMDP and changes for public water system laboratories. <i>James Stapel</i> <i>Level: Basic</i>	Data and Transparency: Back to the Future Discuss the current state of analytical data and where future monitoring is going. <i>Judy Morgan, Pace Analytical Services, LLC</i> <i>Level: Intermediate</i>	No Session Scheduled
OIL AND GAS <i>BALLROOM G</i>	Environmental, Health, and Safety Audit Privilege Program An overview of the Texas Environmental, Health, and Safety Audit Privilege Program <i>Jenny Torres, Heather Lancour</i> <i>Level: Basic</i>	Navigating the Intersection Between TCEQ and Railroad Commission Authority How to determine whether TCEQ or RRC is responsible for waste, water quality, and emergency response. <i>Diane Goss</i> <i>Level: Basic</i>	Emissions Event Review, Part 1 Overview of TCEQ's emissions event review process, requirements for emissions events, and common violations. <i>Susan Thompson, Keith Sheedy, Kendra Houston</i> <i>Level: Basic</i>	Emissions Event Review, Part 2 Review of common emissions event violations, excessive emissions events, and frequently asked questions. <i>Susan Thompson, Keith Sheedy, Kendra Houston</i> <i>Level: Basic</i>	Oil and Gas Wastewater Permitting An overview of the oil and gas wastewater permitting program. <i>Alyssa Loveday</i> <i>Level: Basic</i>



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<p>TOXICOLOGY UPDATES <i>TUESDAY ONLY</i> ROOM 12AB</p>	<p>TCEQ Screening Levels Explained: A Guide to Effects Screening Levels and Air Monitoring Comparison Values</p> <p>Discussion of screening levels used for air permitting and for comparison to air monitoring data.</p> <p><i>Sabine Lange, Ph.D., DABT; Darrell McCant, MPH, DABT</i></p> <p><i>Level: Intermediate</i></p>	<p>TCEQ’s Development Support Documents: Development of Inhalation and Oral Toxicity Factors for Risk Assessment</p> <p>Explanation of TCEQ’s Development Support Documents in development of toxicity factors used in risk assessment.</p> <p><i>Janet Petruska Hamilton, Ph.D., DABT</i></p> <p><i>Level: Intermediate</i></p> <p>Systematic Review and Its Role in Risk Assessment</p> <p>Introduction to systematic review and its function in support of transparent and robust risk assessments.</p> <p><i>Jonathan D. Urban, Ph.D., DABT, ToxStrategies, LLC</i></p> <p><i>Level: Intermediate</i></p>	<p>Per- and Polyfluoroalkyl Substances (PFAS): Health Effects and Regulatory Updates</p> <p>Brief overview of PFAS toxicology, contamination in Texas, and regulatory updates.</p> <p><i>Caroline Emery, MSc; Allison Jenkins, MPH</i></p> <p><i>Level: Advanced</i></p>	<p>Update on Ambient Air Monitoring of Particulates and Crystalline Silica Near APO Facilities</p> <p>Evaluation of ambient air particulates, including crystalline silica measured near aggregate production and operation facilities.</p> <p><i>Tracie Phillips, Ph.D.</i></p> <p><i>Level: Intermediate</i></p> <p>Occupational Lung Disease (Silicosis)</p> <p>Associated with Engineered Stone Countertop Manufacturing and Fabrication</p> <p>Overview of silicosis associated with engineered stone countertop manufacturing and fabrication in Texas and U.S.</p> <p><i>Ketki Patel, M.D., PhD, MPH, Texas Department of State Health Services</i></p> <p><i>Level: Intermediate</i></p>	<p>TCEQ’s Mobile Monitoring Capabilities and an Update on Mobile Monitoring Comparison Values</p> <p>Capability of mobile air monitoring and an update on fit-for-purpose mobile monitoring comparison values</p> <p><i>Marie Stephensen, MS; Lisa Westbrook, MSc</i></p> <p><i>Level: Intermediate</i></p>



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<p>UNDERGROUND INJECTION CONTROL</p> <p><i>TUESDAY ONLY</i></p> <p><i>ROOM 19A</i></p>	<p>TCEQ UIC Program Updates</p> <p>Updates from the Underground Injection Control Permits Section.</p> <p><i>Bryan Smith</i></p> <p><i>Level: Basic</i></p> <p>EPA Region 6 UIC Section Changes and Updates</p> <p>Updates on recent changes to R6 UIC staffing, projects, duties, and priorities.</p> <p><i>Ken Johnson, U.S. Environmental Protection Agency - Region 6 Office</i></p> <p><i>Level: Basic</i></p>	<p>The Class VI Permitting Process and Updates to Class VI State Primacy: EPA Region 6</p> <p>Overview of the Class VI permitting process and updates to state Class VI primacy.</p> <p><i>Brody Friesenhahn, U.S. Environmental Protection Agency - Region 6</i></p> <p><i>Level: Intermediate</i></p>	<p>Modeling Area of Review (AoR) for CO2 Injection</p> <p>How to define AoR current requirements and best practices to model CO2 injection under Class VI permitting guidelines.</p> <p><i>Dr. Seyyed Hosseini, Bureau of Economic Geology, Jackson School of Geosciences, University of Texas</i></p> <p><i>Level: Advanced</i></p>	<p>21st Century Updates to EPA's No Migration Petition Program</p> <p>Discussion on the digitization of the Class I No Migration Petition program.</p> <p><i>Forrest Frederick, U.S. Environmental Protection Agency - Region 6, Groundwater/UIC</i></p> <p><i>Level: Intermediate</i></p>	<p>Common Class I Application Notice of Deficiencies (NODs)</p> <p>Overview of common NODs during the administrative and technical review of a Class I application.</p> <p><i>Chelsea Brown, Sarah Schreier, Pavan Bairu</i></p> <p><i>Level: Intermediate</i></p>



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<p>WASTE MANAGEMENT: MUNICIPAL SOLID WASTE</p> <p><i>TUESDAY ONLY</i></p> <p><i>ROOM 18CD</i></p>	<p>Insights into Scrap Tire Reports and Solid Waste Grant Success Stories</p> <p>Learn about scrap tire management trends and regional solid waste grant project highlights.</p> <p><i>Melissa Harrison, Marissa Gibbs</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">MSW</p>	<p>Fundamentals of Composting</p> <p>Learn the basic biological, physical, and chemical processes that turn organic residuals into marketable compost.</p> <p><i>Risa Weinberger, Risa Weinberger & Associates, Inc.</i></p> <p><i>Level: Intermediate</i></p> <p>Overview of Composting Requirements</p> <p>Learn about authorization tiers and applicable requirements for composting in Texas.</p> <p><i>Jason Baiocchi</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">MSW</p>	<p>Waste Acceptance Plans and Removing Prohibited Waste</p> <p>Learn how waste acceptance plans prevent prohibited waste from entering landfills and remediation plans.</p> <p><i>Michael H. Smith</i></p> <p><i>Level: Intermediate</i></p> <p style="text-align: right;">MSW</p>	<p>Case Study: Landfill Gas Exceedances</p> <p>Learn the impacts of landfill gas exceedances and real-world examples of successful remediation techniques.</p> <p><i>Chance Robinson, Armando Barrera</i></p> <p><i>Level: Intermediate</i></p> <p style="text-align: right;">MSW</p>	<p>Subchapter T Permits: Life After the Landfill</p> <p>Learn the requirements of using the area over a closed landfill for new activities.</p> <p><i>Arin Anderson, Madison Howard</i></p> <p><i>Level: Intermediate</i></p> <p style="text-align: right;">MSW</p>



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WASTEWATER PERMITTING <i>ROOM 16AB</i>	<p>Water Quality Division Update</p> <p>Update on TCEQ Water Quality Division activities.</p> <p><i>Robert Sadlier</i></p> <p><i>Level: Basic</i></p> <p>Wastewater Treatment System Regionalization: What You Need to Know</p> <p>Explanation of the regionalization requirements using the new guidance document RG-632 approved in August 2023.</p> <p><i>J. Alfonso Martinez III</i></p> <p><i>Level: Basic</i></p>	<p>Online Submissions for Industrial and Municipal Wastewater Individual Permits</p> <p>Application demonstration and best practices for new, renewal, and amended industrial and municipal individual permits.</p> <p><i>Erwin Madrid</i></p> <p><i>Level: Basic</i></p> <p>NeT-MS4: What to Know About the New Electronic Application System for Small MS4 Operators</p> <p>Amended overview of the NeT-MS4 electronic application system for small MS4 operators in Texas.</p> <p><i>Macayla Coleman</i></p> <p><i>Level: Basic</i></p>	<p>TPDES Standards Implementation Review Process and Stream Biological Sampling</p> <p>Presentation on review process for TPDES permits, including stream flow, nutrient screenings, and stream sampling.</p> <p><i>C. Brad Caston</i></p> <p><i>Level: Intermediate</i></p> <p>Critical Conditions for Texas Pollutant Discharge Elimination System (TPDES) Permits</p> <p>Overview of mixing zones and how effluent dilutions are determined for TPDES permits.</p> <p><i>Brian Christman III</i></p> <p><i>Level: Advanced</i></p>	<p>Dissolved Oxygen Modeling of Surface Waters for TPDES Permits</p> <p>Overview of the dissolved oxygen modeling process for surface waters associated with TPDES-permitted discharges.</p> <p><i>Orlando Vasquez, P.E.</i></p> <p><i>Level: Advanced</i></p> <p>Water Quality-Based Effluent Limitations: How They Are Calculated?</p> <p>Overview and discussion on the calculations of water quality-based effluent limits for industrial facilities.</p> <p><i>Cole Gray, Ph.D.</i></p> <p><i>Level: Advanced</i></p>	<p>A Look at the 2024 Small Municipal Separate Storm Sewer General Permit Renewal</p> <p>Comprehensive overview of the upcoming 2024 renewal of the small MS4 general permit.</p> <p><i>Macayla Coleman, Rebecca Villalba</i></p> <p><i>Level: Intermediate</i></p> <p>2023 Stormwater Construction General Permit Requirements and Electronic Application Process</p> <p>Overview of the 2023 general permit requirements and the electronic application process for construction operators.</p> <p><i>Jesse Gress-Alamilla, Leland Moore</i></p> <p><i>Level: Intermediate</i></p>
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WATER ROOM 14	<p>How to Complete Surface Water Right Application</p> <p>Strategies and tips on completing the TCEQ Surface Water Right application.</p> <p><i>Andrew Garcia, Jeremy Walker-Lee, Trent Jennings, George Gable</i></p> <p><i>Level: Intermediate</i></p>	<p>Improving Stormwater Runoff in the Galveston Bay Watershed</p> <p>Finding solutions to nonpoint source pollution through green infrastructure projects in the Galveston Bay watershed.</p> <p><i>Matthew Abernathy</i></p> <p><i>Level: Basic</i></p> <p>The TCEQ Total Maximum Daily Load (TMDL) Program</p> <p>An overview of the TMDL program.</p> <p><i>Lauren Dawson, Daniela Mejia</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">W</p>	<p>Open Channel and Piped Water Flow Measurements</p> <p>Demonstration of water flow measurement equipment.</p> <p><i>Joseph Nichols, Samantha Stillman</i></p> <p><i>Level: Intermediate</i></p> <p style="text-align: right;">W</p>	<p>Texas Surface Water Quality Standards Update</p> <p>An overview of the Texas Surface Water Quality Standards and status of proposed revisions.</p> <p><i>Sarah Whitley</i></p> <p><i>Level: Intermediate</i></p> <p>TCEQ's Surface Water Quality Monitoring Program and the Texas Integrated Report (IR)</p> <p>Overview of surface water quality data collection activities and the development of the Texas Integrated Report.</p> <p><i>Andrew Sullivan</i></p> <p><i>Level: Intermediate</i></p> <p style="text-align: right;">W</p>	<p>How to Update Surface Water Right Ownership and Water Use Reporting</p> <p>Streamlining the water right ownership transfer process and how to report water usage.</p> <p><i>Jazzmin Hernandez, Morgan Cantu</i></p> <p><i>Level: Intermediate</i></p>



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OFFICE OF AIR: AIR PERMITTING, AIR QUALITY, AIR GRANTS <i>BALLROOMEF</i>	<p>Texas Air Quality Update</p> <p>Update on the latest Texas air quality planning activities and federal National Ambient Air Quality Standards (NAAQS).</p> <p><i>Denine Calvin, Mitchell Moreno</i></p> <p><i>Level: Intermediate</i></p>	<p>PSD, NA, and Netting</p> <p>Prevention of significant deterioration and nonattainment requirements, including offsets and netting examples.</p> <p><i>Sandya Bhaskara, P.E.</i></p> <p><i>Level: Advanced</i></p>	<p>Online Air Emissions and Inspection Fee Reporting</p> <p>Overview of new STEERS program currently under development to report air fee data online.</p> <p><i>Lindsey Xiao</i></p> <p><i>Level: Basic</i></p>	<p>Standardized Authorizations: Permits by Rule and Standard Permits</p> <p>Overview of standard authorizations and workbooks.</p> <p><i>Joshua Wheatley, Alexander Hilla</i></p> <p><i>Level: Intermediate</i></p>	<p>Texas Particulate Matter Air Monitoring Network</p> <p>Overview of the particulate matter air monitoring network and anticipated changes.</p> <p><i>Holly Landuyt</i></p> <p><i>Level: Intermediate</i></p>
COMPLIANCE ASSISTANCE AND ENFORCEMENT <i>ROOM 17AB</i>	<p>Emergency Preparedness Plan (EPP) for Public Water Systems</p> <p>Overview of TCEQ's requirements for EPPs, including required documentation.</p> <p><i>Crystal Watkins</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">W, WW</p>	<p>Petroleum Refinery Benzene Fenceline Monitoring</p> <p>Overview of benzene fenceline monitoring requirements and data trends since reporting began.</p> <p><i>Michael Miller</i></p> <p><i>Level: Basic</i></p>	<p>Introduction to the Edwards Aquifer Protection Program</p> <p>Overview of the Edwards Aquifer Protection Program and common issues found in application submittals.</p> <p><i>Lillian Butler</i></p> <p><i>Level: Basic</i></p>	<p>Stack Test Submittals Using STORS</p> <p>Overview of the requirements for using STORS, the stack test notification and report submittal system.</p> <p><i>Elizabeth Smith</i></p> <p><i>Level: Basic</i></p>	<p>Introduction to Stack Testing</p> <p>Purposes, principles, and methods TCEQ uses to investigate stack tests.</p> <p><i>Banks Miller</i></p> <p><i>Level: Basic</i></p>



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INTRODUCTION TO ENVIRONMENTAL REGULATIONS <i>ROOM 18AB</i>	Stormwater: MSGP Permitting Applicability for multi-sector general stormwater permits. <i>Mackenzie Maserang, Lori Palmer</i> <i>Level: Basic</i>	Stormwater: CGP Permitting Applicability for construction general stormwater permits. <i>Katie Cunningham, Yvonne Rodriguez</i> <i>Level: Basic</i>	Wastewater: e-Reporting Update General resources about wastewater treatment plants and a summary of their electronic reporting requirements. <i>Theresa Carr, Rebecca Costigan</i> <i>Level: Basic</i>	New Aboveground Storage Vessel Safety (ASVS) Program Overview Update on how to implement the new legally mandated ASVS program. <i>Rebecca Moore</i> <i>Level: Basic</i> Panel Discussion on the New ASVS Program Discussion about the implementation of the new legally mandated ASVS program. <i>Shannon Frazier, Rebecca Moore, Shelley Naik</i> <i>Level: Basic</i>	No Session Scheduled
	W, WW	W, WW	WW	LPST, UST	



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LAB PRACTICES AND DATA REPORTING <i>ROOM 19B</i>	<p>TCEQ's Quality Assurance Program: How it Benefits You</p> <p>An overview of TCEQ Quality Assurance Program's purpose, how it works, and how it assists other programs.</p> <p><i>D. Jody Koehler</i></p> <p><i>Level: Basic</i></p>	<p>Timeline of Sample and Analytical Methods for Ethylene Oxide</p> <p>An overview and timeline of sampling and analytical techniques to measure airborne ethylene oxide will be presented.</p> <p><i>Rock J. Vitale, CEAC, Environmental Standards, Inc.</i></p> <p><i>Level: Advanced</i></p>	<p>Changes Coming to the 2016 TNI Laboratory Accreditation Standard</p> <p>This presentation will review all the changes to allow laboratories to begin preparing.</p> <p><i>Paul Junio, The NELAC Institute (TNI)</i></p> <p><i>Level: Intermediate</i></p>	<p>Next Generation of Leaching Methods: U.S. EPA's LEAF Methods</p> <p>Presentation provides background on the four LEAF methods and guidance on how they are performed.</p> <p><i>Patricia McIsaac, Eurofins Environment Testing</i></p> <p><i>Level: Basic</i></p>	<p>No Session Scheduled</p>



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<p>NUCLEAR AND RADIOACTIVE MATERIALS</p> <p><i>WEDNESDAY ONLY</i></p> <p><i>ROOM 15</i></p>	<p>What's New in the TCEQ Radioactive Materials Program</p> <p>Latest program developments in low-level radioactive waste and uranium mining in Texas.</p> <p><i>Chance Goodin</i></p> <p><i>Level: Basic</i></p> <p>Texas Low Level Radioactive Waste Disposal</p> <p>Update on the Texas Low Level Radioactive Waste Disposal Compact Commission.</p> <p><i>Stephen Raines, Texas Low-Level Radioactive Waste Disposal Compact Commission</i></p> <p><i>Level: Intermediate</i></p>	<p>2024 Uranium Industry Update</p> <p>Overview of Texas and United States uranium industry.</p> <p><i>Craig Wall, Uranium Energy Corp.</i></p> <p><i>Level: Intermediate</i></p>	<p>Texas Advanced Nuclear Reactor Working Group</p> <p>Panel discussion: How advanced nuclear reactors can provide safe, reliable, and affordable power for Texas.</p> <p><i>Commissioner Bobby Janecka; Commissioner Jimmy Glotfelty, Public Utility Commission; Preeti Patel, Dow X-energy; Doug Robison, Natura Resources</i></p> <p><i>Level: Intermediate</i></p>	<p>Radioactive Waste: Sources, Types and Classes</p> <p>An overview of radioactive waste identification and relevant regulations.</p> <p><i>David Carlson, Waste Control Specialists</i></p> <p><i>Level: Intermediate</i></p>	<p>Texas Department of State Health Services: Radiation Section Overview</p> <p>Radiation protection: From licensing to emergency response.</p> <p><i>Lisa Bruedigan, Texas Department of State Health Services</i></p> <p><i>Level: Intermediate</i></p>



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Wednesday, May 15th

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:30–3:30	3:45–4:45
OCCUPATIONAL LICENSING <i>WEDNESDAY ONLY</i> <i>ROOM 19A</i>	<p>Updates Impacting Occupational Licensing and Registration Division</p> <p>Occupational licensing, upcoming rule making, resiliency training, provisional licenses, and HS programs for water operators.</p> <p><i>Jaya Zyman</i> <i>Level: Basic</i></p> <p>Criminal History Overview</p> <p>An overview of the criminal history review process and occupational license pre-evaluations.</p> <p><i>Kenneth Smith</i> <i>Level: Basic</i></p> <p>W, WW, MSW, LPST, UST</p>	<p>News, Updates, and Frequently Asked Questions About TCEQ Occupational Licensing</p> <p>An overview of news, updates, and FAQs about TCEQ Occupational Licensing.</p> <p><i>Ashley Robledo</i> <i>Level: Basic</i></p> <p>What Happens After My License Expires?</p> <p>Steps required to renew or reobtain an occupational license.</p> <p><i>Teresa Etheredge</i> <i>Level: Basic</i></p> <p>W, WW, MSW, LPST, UST</p>	<p>Training Credit Troubleshooting and Resiliency Updates</p> <p>Troubleshooting training credit issues and new resiliency requirements updates.</p> <p><i>Samantha Royall, Megan Brown</i> <i>Level: Basic</i></p> <p>W, WW, MSW, LPST, UST</p>	<p>Occupational Licensing Training Provider Updates</p> <p>Presentation guiding training providers through training approval and instructor qualification process.</p> <p><i>Paul Munguia</i> <i>Level: Basic</i></p> <p>W, WW, MSW, LPST, UST</p>	<p>No Session Scheduled</p>



ENVIRONMENTAL TRADE FAIR & CONFERENCE

Wednesday, May 15th

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:30–3:30	3:45–4:45
<p>OIL AND GAS <i>(INCLUDES ETHICS FOR PROFESSIONAL GEOSCIENTISTS AND ENGINEERS)</i></p> <p><i>BALLROOM G</i></p>	<p>Texas Board of Professional Engineers and Land Surveyors: Professional Practice Update and Ethics</p> <p>Updates on engineering ethics, code of conduct, and Board activities.</p> <p><i>Michael Sims, P.E., Texas Board of Professional Engineers and Land Surveyors</i></p> <p><i>Level: Basic</i></p>	<p>Ethics Training for Professional Geoscientists 2024</p> <p>Laws, regulations, and examples regarding P.G. licensee ethics in Texas.</p> <p><i>Mark N. Varhaug, P.G., Texas Board of Professional Geoscientists</i></p> <p><i>Level: Basic</i></p>	<p>EPA's Oil and Gas Sector: Greenhouse Gas Final Rulemaking</p> <p>Overview of EPA's final greenhouse gas rules for new and existing oil and gas sources.</p> <p><i>Dan Sims</i></p> <p><i>Level: Intermediate</i></p>	<p>Challenges and Opportunities for Managing Produced Water in the Permian Basin</p> <p>Challenges related to subsurface disposal of increasing volumes of produced water in the Permian Basin.</p> <p><i>Dr. Bridget Scanlon, Bureau of Economic Geology, Jackson School of Geosciences, University of Texas</i></p> <p><i>Level: Intermediate</i></p>	<p>Regulatory Requirements for Engines</p> <p>A high-level overview of rules, regulations, and permit requirements that are applicable to engines.</p> <p><i>Megan Horton</i></p> <p><i>Level: Basic</i></p>
<p>WASTE MANAGEMENT: INDUSTRIAL AND HAZARDOUS WASTE</p> <p><i>WEDNESDAY ONLY</i></p> <p><i>ROOM 18CD</i></p>	<p>In Depth Summary of the Solar Panel Recycling Process</p> <p>Overview of used solar panel recycling, including the implementation of hazardous secondary material programs.</p> <p><i>David Robinson, Ph.D., Solarcycle, Inc.</i></p> <p><i>Level: Advanced</i></p>	<p>Waste Classification Requirements for Compliance with IHW Regulations in Texas</p> <p>Regulatory compliance for the determination and classification of hazardous and nonhazardous industrial waste in Texas.</p> <p><i>Tess Johnston, Yahaira Reyes</i></p> <p><i>Level: Intermediate</i></p>	<p>Current Practices and Issues in Electric Vehicle Battery Recycling</p> <p>Review of large format electric battery end of life management, recycling process, and safety issues.</p> <p><i>Martin Torres</i></p> <p><i>Level: Advanced</i></p>	<p>Exploring the Intricacies of Identifying and Managing HSM</p> <p>Hazardous Secondary Materials: Considering factors such as exemptions and conditional exclusions.</p> <p><i>Anita Mathew</i></p> <p><i>Level: Intermediate</i></p>	<p>Unraveling the Complexities of Universal Waste</p> <p>A survey of universal waste regulations, types of universal hazardous wastes, and management standards.</p> <p><i>Colin Donovan</i></p> <p><i>Level: Intermediate</i></p>
	MSW	MSW	MSW	MSW	MSW



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Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:30–3:30	3:45–4:45
WASTE REMEDIATION <i>WEDNESDAY ONLY</i> <i>ROOM 12AB</i>	Texas Risk Reduction Program: Plume Management Zone Use of a Plume Management Zone as a remedy for affected groundwater. <i>Mike Duffin, Ph.D., PG</i> <i>Level: Intermediate</i>	Required Use of Method 5035 Method SW846-5035 overview for volatile organic compounds. History, requirements, tips, special considerations, and FAQs answered. <i>Marites (Tess) Abbott</i> <i>Level: Intermediate</i>	Voluntary Cleanup Program Sites with Former Unregistered Landfills Approaches for addressing buried waste material at VCP sites with case studies. <i>Krista Brandt</i> <i>Level: Intermediate</i>	Investigating and Reporting Uncommon Petroleum Storage Tank Releases Discuss the appropriate actions for nonroutine spills and releases subject to 30 TAC Chapter 334. <i>James Garner</i> <i>Level: Intermediate</i> LPST/UST	EPA Region 6: Brownfields and Beyond How to use an EPA Brownfields grant and technical assistance to benefit your community. <i>Marsha Lay; SeLena Cosma, U.S. Environmental Protection Agency Region 6</i> <i>Level: Intermediate</i>



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Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:30–3:30	3:45–4:45
WASTEWATER PERMITTING <i>ROOM 16AB</i>	<p>Industrial Wastewater Permitting Process</p> <p>Industrial wastewater permitting process overview, discussion on regulatory updates, and summary of tips for applicants.</p> <p><i>Adam Luvian</i> <i>Level: Intermediate</i></p> <p>Produced Wastewater Permitting</p> <p>Produced wastewater permitting process overview, location considerations, and available options for general and individual permits.</p> <p><i>Alyssa Loveday</i> <i>Level: Intermediate</i></p> <p style="text-align: right;">WW</p>	<p>Introduction to the TPDES Pretreatment Program for Publicly Owned Treatment Works (POTWs)</p> <p>Overview of TPDES Pretreatment Program requirements with an update on important rules.</p> <p><i>Amy Golden-Leddy, Devon Thomas</i> <i>Level: Intermediate</i></p> <p>Identifying Industrial Users: Tools Available to POTWs</p> <p>Review of TPDES permit application requirements and overview of tools available for identifying industrial users.</p> <p><i>Erin Darling, Ph.D.</i> <i>Level: Intermediate</i></p> <p style="text-align: right;">WW</p>	<p>Domestic Reclaimed Water Production Facilities</p> <p>Overview of regulations associated with domestic reclaimed water production facilities and reclaimed water uses.</p> <p><i>Baltazar Lucero-Ramirez, Ph.D., P.E.</i> <i>Level: Intermediate</i></p> <p>Beneficial Reuse Authorizations for Treated Industrial Wastewater</p> <p>Overview of regulations and how to obtain an authorization to beneficially reuse treated industrial wastewater.</p> <p><i>Thomas Starr, P.E.</i> <i>Level: Intermediate</i></p> <p style="text-align: right;">WW</p>	<p>What's New with the Stormwater Multi-Sector General Permit?</p> <p>Overview of the Stormwater Multi-Sector General Permit and the proposed 2024 permit amendments.</p> <p><i>Hannah Cobos, Monica Alba-Garcia</i> <i>Level: Intermediate</i></p> <p>Municipal Wastewater Permits</p> <p>Overview of municipal wastewater permit applications, draft permit development procedures, and the permit issuance process.</p> <p><i>Deba P. Dutta, P.E.</i> <i>Level: Intermediate</i></p> <p style="text-align: right;">WW</p>	<p>Annual Homeland Security Update and Best Management Practices</p> <p>Overview on Homeland Security updates and best management practices for emergency preparedness and disaster response.</p> <p><i>Baltazar Lucero-Ramirez, Ph.D., P.E.</i> <i>Level: Intermediate</i></p> <p>Update on Current Revisions to Design Criteria for Wastewater Treatment Systems</p> <p>Overview of 30 TAC Chapter 217 rule text revisions and update on rulemaking status.</p> <p><i>Louis C. Herrin III, P.E.</i> <i>Level: Intermediate</i></p> <p style="text-align: right;">WW</p>



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WATER <i>ROOM 14</i>	<p>Per- and Polyfluoroalkyl Substances (PFAS) Rule</p> <p>A road map of the PFAS rule including standards, sampling, and treatment requirements.</p> <p><i>Matthew Munro</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">W</p>	<p>Lead and Copper Rule Improvements (LCRI) 101</p> <p>A road map of the LCRI including inventories, sampling, treatment, and line replacement requirements.</p> <p><i>Seth Kramer</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">W</p>	<p>Lead and Copper Rule Revisions (LCRR) Service Line Inventories</p> <p>Discussion of timelines, resources, and tips for completing service line inventories under the LCRR.</p> <p><i>Lillian Johnson</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">W</p>	<p>Public Water System Generator Maintenance</p> <p>Now that you have a generator, learn how to take care of it.</p> <p><i>Clayton Nicolardi</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">W</p>	<p>Public Water System Corrosivity</p> <p>Discussion on common causes of corrosion in drinking water and treatment options for managing it.</p> <p><i>Clayton Nicolardi</i></p> <p><i>Level: Basic</i></p> <p style="text-align: right;">W</p>