



**Continuing Education Key for TCEQ Occupational Licenses**

Abbreviation	License	Maximum Hours
<i>W</i>	Water System Operator	8
<i>WW</i>	Wastewater System Operator	10
<i>MSW</i>	Municipal Solid Waste Facility Supervisor	7
<i>LPST</i>	LPST Corrective Action Project Manager	8
<i>UST</i>	UST On-Site Supervisor	8

# 2022 Environmental Trade Fair & Conference Draft Agenda

(All speakers are TCEQ staff unless otherwise noted)

## Tuesday, May 10

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:15–3:15	4:00–5:00
<b>AIR PERMITTING: NEW SOURCE REVIEW AND OPERATING PERMITS</b> <i>BALLROOM EF</i>	Introduction to Air Permits Division (APD) with Updates Overview of current APD issues. <i>Samuel Short</i> Level: Basic	Introduction to Permits by Rule (PBRs) and Standard Permits with Updates Overview of De Minimis, Permits by Rule, and Standard Permits with updates. <i>Britany Gilman</i> Level: Basic	Introduction to New Source Review (NSR) Permitting Overview of the NSR permitting program and NSR permitting mechanisms. <i>Benjamin Hansen, Ph.D., P.E.</i> Level: Basic	Introduction to Federal Operating Permits (Title V) with Updates Overview of the Title V program with updates. <i>Vasant Chaphekar, P.E.</i> Level: Basic	Impacts Analysis Overview of impacts analysis. <i>Dan Jamieson</i> Level: Basic  Toxicology Updates Updates on toxicology analysis. <i>Stanley Aniaagu</i> Level: Basic
<b>AIR QUALITY</b> <i>TUESDAY ONLY ROOM 19A</i>	Texas Emissions Reduction Plan (TERP) 101 Discussion of the background and goals of TERP and descriptions of the TERP incentive programs. <i>Nate Hickman.</i> Level: Basic	NAAQS and Texas Air Quality Update on the latest Texas air quality planning activities and federal standards. <i>Graham Bates; Kasey Savanich</i> Level: Intermediate	Texas Air Quality: State of the Science Overview of current scientific understanding of air quality issues in Texas. <i>Doug Boyer</i> Level: Intermediate	Emissions Inventory: How the Data is Used Overview of point and nonpoint source emissions inventory data, trends, and reporting/development. <i>Richard Taglienti</i> Level: Intermediate	Toxics Release Inventory Reporting and Data Overview of reporting guidelines and data trend analysis for the Toxics Release Inventory program. <i>Martha Hurley, P.E.</i> Level: Intermediate

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<b>COMPLIANCE ASSISTANCE AND ENFORCEMENT</b> ROOM 17AB	<b>Introduction to Stack Testing</b> Overview of TCEQ stack test investigations touching on rules and common issues observed by investigators. <i>Banks Miller</i> Level: Intermediate	<b>Office of Compliance &amp; Enforcement Overview</b> Updates and overview of current OCE issues. <i>Craig Pritzlaff</i> Level: Basic  <b>W; WW; MSW; LPST; UST</b>	<b>Environmental Audit Act</b> Guide to the Texas EH&S Audit Privilege Act, including a discussion on common deficiencies. <i>Robyn Babyak</i> Level: Advanced  <b>W; WW; MSW; LPST; UST</b>	<b>Stormwater Investigations</b> Overview of the components in TCEQ stormwater investigations. <i>Shelley Anderson</i> Level: Advanced  <b>WW</b>	<b>OCE's Electronic Reporting Update</b> OCE's efforts toward electronic compliance reporting and improving access to information. <i>Anita Keese</i> Level: Basic  <b>W; WW; MSW; LPST; UST</b>
<b>INTRODUCTION TO ENVIRONMENTAL REGULATIONS</b> ROOM 18AB	<b>Understanding the Enforcement Process</b> An explanation of the policy used to initiate enforcement and determine penalty amounts related to TCEQ orders. <i>Katy Montgomery</i> Level: Basic  <b>W; WW; MSW; LPST; UST</b>	<b>Storm Water - CGP Permitting</b> Applicability for construction general stormwater permits. <i>Imelda Peña-Sanchez</i> Level: Basic  <b>WW</b>	<b>Storm Water - MSGP Permitting</b> Permitting applicability for multi-sector general stormwater permits. <i>Mackenzie Maserang</i> Level: Basic  <b>WW</b>	<b>Asset Management for Water and Wastewater Systems</b> Understand the importance of asset management and maintaining the system. <i>Jason Robinson</i> Level: Basic  <b>W; WW</b>	<b>APO Program Updates</b> Updates on new rules and available tools for APO compliance. <i>Rebecca Costigan; Lori Palmer</i> Level: Basic  <b>WW</b>
<b>LAB PRACTICES AND DATA REPORTING</b> ROOM 19B	<b>How a Quality Management System Improves Data Quality and Laboratory Performance "Data You Can Trust"</b> How implementing a Quality Management System (QMS) according to the TNI Standard improves data quality. <i>Jerry Parr, The NELAC Institute (TNI)</i>	<b>Root Cause Analysis</b> Approaches, tools, and techniques to uncover causes of nonconformities. <i>Jody Koehler</i> Level: Intermediate	<b>Common Findings from the Drinking Water Program</b> Common issues that can result in laboratory corrective actions and recommendations to prevent occurrence. <i>Jacqueline Hernandez, Michelle Ross</i> Level: Intermediate	<b>TCEQ Lab Accreditation Program Update</b> Updates regarding the TCEQ Accreditation Program. <i>Jody Koehler</i> Level: Basic	<b>Data Usability: A Realistic Viewpoint</b> Addressing common issues due to matrix interference, instrument performance, analytical techniques, and other potential variables. <i>Judy Morgan, Pace Analytical Services, LLC</i> Level: Intermediate

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<p><b>OCCUPATIONAL LICENSING</b>  <i>TUESDAY ONLY</i>  <i>ROOM 15</i></p>	<p>Updates Impacting Occupational Licensing and Registration Programs</p> <p>Updates on High School programs for operators, Spanish exams, new registration for storage vessels and automation.</p> <p><i>Jaya Zyman, P.E.</i>  <i>Level: Basic</i></p> <p><b>W; WW; MSW; LPST; UST</b></p>	<p>News, Updates, and Frequently Asked Questions about TCEQ Occupational Licensing</p> <p>News, updates, and frequently asked questions about TCEQ Occupational Licensing.</p> <p><i>Jennifer Grossman; Ashley Robledo</i>  <i>Level: Basic</i></p> <p><b>W; WW; MSW; LPST; UST</b></p>	<p>Occupational Licensing Training Updates and Statistics</p> <p>Discussion of exam development and review, training course availability and opportunities.</p> <p><i>Shannon Watson</i>  <i>Level: Basic</i></p> <p><b>W; WW; MSW; LPST; UST</b></p>	<p>What Happens After My License Expires?</p> <p>Steps required to renew or reobtain an occupational license.</p> <p><i>Tamara Calhoun</i>  <i>Level: Basic</i></p> <p><b>W; WW; MSW; LPST; UST</b></p>	<p>No Session Scheduled</p>
<p><b>OIL AND GAS</b>  <i>(INCLUDES ETHICS FOR PROFESSIONAL GEOSCIENTISTS)</i>  <i>BALLROOM G</i></p>	<p>Groundwater Protection for Oil and Gas Wells</p> <p>Overview of groundwater protection practices at the RRC and integration into oil and gas regulations.</p> <p><i>James Harcourt, Railroad Commission of Texas</i>  <i>Level: Basic</i></p>	<p>Untangling the Web: Pipeline Jurisdiction in Texas</p> <p>Identifies categories of pipelines in Texas and the respective laws and agencies that govern them.</p> <p><i>Natalie Dubiel, Railroad Commission of Texas</i>  <i>Level: Intermediate</i></p>	<p>Railroad Commission's Voluntary Cleanup Program (VCP)</p> <p>An introduction to VCP and exploring the differences between RRC and TCEQ's programs.</p> <p><i>Leslie Bruce Etzel, Railroad Commission of Texas</i>  <i>Level: Intermediate</i></p>	<p>HB 2771: Oil and Gas General Permits Update</p> <p>An update on development of oil and gas general permits for discharge to surface waters.</p> <p><i>Chris Linendoll</i>  <i>Level: Intermediate</i></p> <p>Stormwater TPDES Construction General Permit (CGP) (TXR150000)</p> <p>Overview of the permit requirements for stormwater discharges from oil and gas activities and federal exemptions.</p> <p><i>Macayla Coleman</i>  <i>Level: Intermediate</i></p>	<p>Ethics Training for Professional Geoscientists</p> <p>Laws, regulations, and examples regarding P.G. licensee ethics in Texas. Earn 1 Ethics CE credit.</p> <p><i>Becky Johnson, P.G., Texas Board of Professional Geoscientists</i>  <i>Level: Basic</i></p>

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:15–3:15	4:00–5:00
<b>WASTE MANAGEMENT: MUNICIPAL SOLID WASTE</b> ROOM 18CD	<b>Scrap Tire Management in Texas</b> Overview of the Scrap Tire Program and how TCEQ reviews and manages registrations. <i>Melissa Harrison</i> Level: Basic MSW	<b>Medical and COVID-19 Waste Management in Texas</b> Requirements to manage medical waste activities and answers to frequently asked COVID-19 related waste questions. <i>Kristen Hernandez</i> Level: Basic MSW	<b>Texas Recycling Market Development Plan</b> Overview of the key findings and recommendations included in the 2021 Texas Recycling Market Development Plan. <i>Scott Pasternak, Burns &amp; McDonnell</i> Level: Basic MSW	<b>Land Use Over Closed Municipal Solid Waste Landfills</b> How Texas regulates the use of land at closed landfills. <i>Gayatri Bitracanti</i> Level: Basic MSW	<b>Municipal Solid Waste Landfill Liner Construction</b> Construction quality assurance and quality control requirements for ensuring liner integrity and peak performance. <i>Robert Pedersen</i> Level: Intermediate MSW
<b>WASTEWATER PERMITTING</b> ROOM 16AB	<b>Water Quality Division Update</b> Overview of recent updates to the Water Quality Division. <i>Robert Sadlier WQ Division Deputy Director</i> Level: Basic  <b>Homeland Security Disaster Preparation for Wastewater Treatment Plants</b> Items needed and best management practices for handling disasters. <i>Paul Brochi</i> Level: Basic W; WW	<b>Water Quality Investigations</b> What is a wastewater/stormwater investigation and what does TCEQ look for. <i>Jennifer Graves; Javier Anquiano; OCE</i> Level: Intermediate  <b>Design Criteria for Domestic Wastewater Treatment Facilities 30 TAC Chapter 217</b> Discussion of technical issues and procedures for domestic treatment facilities and collection systems. <i>Baltazar Lucero-Ramirez, P.E.</i> Level: Intermediate WW	<b>Uses of Domestic Reclaimed Water</b> Overview of the Chapter 210 regulations for reuse of treated domestic water. <i>Louis C. Herrin III, P.E.</i> Level: Intermediate  <b>Authorization for Beneficial Reuse of Industrial Wastewater (210E Authorization)</b> Process review on how to obtain 210E authorization to beneficially reuse treated industrial wastewater. <i>Thomas Starr, P.E.</i> Level: Intermediate WW	<b>Municipal Wastewater Permits</b> Review of applications for municipal wastewater permits, draft permit applications, and draft permit development. <i>Deba Dutta, P.E.</i> Level: Intermediate  <b>Closure Plans for Municipal Wastewater Treatment Plants (WWTPs)</b> Brief discussion of the closure plan process for Municipal WWTPs. <i>Jose Alfonso Martinez III</i> Level: Basic WW	<b>Procedures to Implement the Texas Surface Water Quality Standards</b> Revisions to the implementation procedures. <i>Peter Schaefer</i> Level: Intermediate  <b>401 Water Quality Certification</b> Updates on federal 401 certification rule changes and the TCEQ 401 certification process. <i>Peter Schaefer</i> Level: Intermediate W; WW

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<p><b>WASTE REMEDICATION</b> <i>TUESDAY ONLY</i> <i>ROOM 12AB</i></p>	<p>Common Issues in Texas Risk Reduction Program (TRRP) Ecological Risk Assessment (ERA) Overview of issues commonly encountered for submitted ERAs and potential solutions to those issues. <i>Greg Zychowski; Michael Smith</i> <i>Level: Intermediate</i></p>	<p>Redeveloping Abandoned Oil and Gas Sites with the Railroad Commission (RRC) Brownfields Response Program How the RRC Response Program assists with the redevelopment of abandoned oil and gas sites. <i>Leslie Bruce Etzel, Railroad Commission of Texas</i> <i>Level: Basic</i></p> <p>Brownfields Revitalization in Texas Discussion of the TCEQ Brownfields Program and the benefits of revitalization through redevelopment. <i>Phylicia Allen</i> <i>Level: Basic</i></p>	<p>Petroleum Storage Tank (PST) Release Determination Requirements for Suspected Releases Procedure for the evaluation of suspected releases at PST facilities and program updates. <i>James Garner</i> <i>Level: Intermediate</i></p> <p>Process for Reviewing Analytical Data and Preparing Data Review Summaries in the PST Program Discussion on PST laboratory data reporting requirements, QC sample information, and data review summary information. <i>Mark Maglitto</i> <i>Level: Intermediate</i></p> <p style="text-align: right;"><i>LPST; UST</i></p>	<p>Calculating Representative Concentrations under the Texas Risk Reduction Program (TRRP) Rules Discussion of representative concentrations in terms of media and current applications. <i>Joseph Bell, P.G.</i> <i>Level: Intermediate</i></p> <p style="text-align: right;"><i>LPST; UST</i></p>	<p>Senate Bill (SB) 900 – Program Standards for Safety at Storage Vessels (PSSSV) Updates Introduce SB 900 and provide information on important dates and registration requirements. <i>Rebecca Moore</i> <i>Level: Basic</i></p> <p>Underground and Aboveground Petroleum Storage Tanks STEER ePermits Updates Provide information regarding the STEERS ePermits updates. <i>Courtney Yantis</i> <i>Level: Basic</i></p> <p style="text-align: right;"><i>LPST; UST</i></p>

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<p><b>WATER</b> <i>ROOM 14</i></p>	<p><b>Preparing Your Public Water System for Severe Weather</b> Building water system resiliency in advance of severe weather: preparation, contacts, mutual aid, and tools. <i>Clayton Nicolardi; Elston Johnson</i> <i>Level: Basic</i></p>	<p><b>Lead and Copper Rule Revisions 101</b> A road map of the LCRR including inventories, sampling, treatment, and line replacement requirements. <i>Laura Higgins</i> <i>Level: Basic</i></p> <p><b>Lead and Copper Rule Revisions Service Line Inventories</b> Discussion of timelines, resources, and tips for completing service line inventories under the LCRR. <i>Lillian Johnson</i> <i>Level: Basic</i></p>	<p><b>Voluntary Lead Testing in School and Child Care Facility Drinking Water</b> A grant program to test for and reduce children's exposure to lead in drinking water. <i>Seth Kramer</i> <i>Level: Basic</i></p> <p><b>Customer Service Inspections: The Missing Link in Many Cross-Contamination Programs</b> The importance of CSIs as the keystone of a good cross connection control program. <i>Katherine McGlaughlin</i> <i>Level: Intermediate</i></p>	<p><b>The TCEQ Total Maximum Daily Load (TMDL) Program</b> An Overview of the TMDL Program. <i>Wyatt Eason; Manashi Paul</i> <i>Level: Basic</i></p> <p><b>Texas Surface Water Quality Standards</b> Update of revisions to the Texas Surface Water Quality Standards. <i>Sarah Eagle</i> <i>Level: Intermediate</i></p>	<p><b>Holding your Laboratory Accountable for Public Water Systems</b> The importance of PWS interactions with their laboratories and strategies to ensure accountability. <i>Paiton Upshaw</i> <i>Level: Basic</i></p> <p><b>Approval Process for Drinking Water Facilities: Plan Review and Exceptions</b> This presentation covers the basics of the plan review process and exceptions for innovative/alternate treatment. <i>Stephanie Escobar; Kamal Adhari</i> <i>Level: Basic</i></p>

# 2022 Environmental Trade Fair & Conference Draft Agenda

(All speakers are TCEQ staff unless otherwise noted)

Wednesday, May 11

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:30–3:30	3:45–4:45
<b>AIR PERMITTING: NEW SOURCE REVIEW AND OPERATING PERMITS</b> <i>BALLROOM EF</i>	Prevention of Significant Deterioration (PSD)/Nonattainment (NA) Review/Netting Introduction to PSD and NA requirements, including offsets and netting examples. <i>Sandya Bhaskara, P.E.</i> <i>Level: Intermediate</i>	Public Notice and Participation Process Update Overview of the public notice process with an update on the new public participation plan. <i>Beryl Thatcher</i> <i>Level: Basic</i>	Emissions Banking and Trading Program Application Tools Overview of EBT tools developed to assist applicants. <i>Jacob Morrison</i> <i>Level: Basic</i>	Permitting Pitfalls Common issues and errors seen in permitting. <i>Mike Coldiron P.E.</i> <i>Level: Basic</i>	No Session Scheduled
<b>COMPLIANCE ASSISTANCE AND ENFORCEMENT</b> <i>ROOM 17AB</i>	Emissions Events Overview of TCEQ's requirements for emissions events, including reportable, recordable, and excessive emissions events. <i>Susan Thompson</i> <i>Level: Intermediate</i>	Edwards Aquifer Protection Program Total Suspended Solids Load Removal Calculations Instructions for EAPP TSS load removal calculations and how to best present results for TCEQ approval. <i>James "Bo" Slone, P.G.;</i> <i>Savannah Finger</i> <i>Level: Advanced</i>	Petroleum Storage Tank Investigations Overview of PST investigations, including applicable rules and common issues observed by TCEQ investigators. <i>Lonnie Gilley</i> <i>Level: Intermediate</i>	Texas Tier II Chemical Reporting at TCEQ Overview of the TCEQ Tier II Chemical Reporting Program. <i>Hoyt Henry</i> <i>Level: Advanced</i>	NetDMR Update on submitting TPDES Discharge Monitoring Reports through the NetDMR application. <i>Asa Bigham</i> <i>Level: Intermediate</i>

W; WW

LPST; UST

WW

Education Tracks	8:30-9:30	10:30-11:30	1:00-2:00	2:30-3:30	3:45-4:45
<p><b>ENVIRONMENTAL QUALITY ALONG THE TEXAS BORDER WITH MEXICO</b>  <i>WEDNESDAY ONLY</i>            ROOM 15</p>	<p>Environmental Quality along the Texas Border with Mexico: How TCEQ Protects Shared Resources</p> <p>Overview of current Border Affairs programs to protect environmental quality binationally.</p> <p><i>Eddie Moderow; Patricia De La Cruz</i>  <i>Level: Basic</i></p>	<p>Protecting the Environment in Nuevo León, Mexico</p> <p>Overview of Nuevo León's environmental quality programs.</p> <p><i>Alfonso Martinez Munoz, Ministry of Environment of Nuevo León</i>  <i>Level: Basic</i></p>	<p>Water Quality and Availability of the Rio Grande: How a Binational Institution Manages a Shared Resource</p> <p>Overview of water quality and availability in the Rio Grande and strengthening binational collaboration.</p> <p><i>Dra. Maria Elena Giner, P.E., International Boundary and Water Commission; Ing. Adriana Beatriz Carolina Reséndez Maldonado, Comisión Internacional de Límites y Aguas entre Mexico y Estados Unidos</i>  <i>Level: Basic</i></p>	<p>The Future of Water in Chihuahua Mexico: Current Research Using Artificial Intelligence to Improve Water Management in the Conchos River Basin and Beyond</p> <p>Overview of UACJ's current research of artificial intelligence applied to precision agriculture to promote the efficient use of water.</p> <p><i>Dr. Alfredo Granados-Olivas, Universidad Autónoma de Ciudad Juárez</i>  <i>Level: Basic</i></p>	<p>Environmental Compliance and Enforcement Along the Texas Border with Mexico</p> <p>Investigations, enforcement, and compliance assistance in the four TCEQ regions.</p> <p><i>David Ramirez</i>  <i>Level: Basic</i></p> <p><b>W; WW; MSW; LPST; UST</b></p>
<p><b>INTRODUCTION TO ENVIRONMENTAL REGULATIONS</b>            ROOM 18AB</p>	<p>PST Rules and Compliance Resources</p> <p>Overview of PST rules and available compliance tools for PST facilities.</p> <p><i>Rebecca Costigan</i>  <i>Level: Basic</i></p> <p><b>LPST; UST</b></p>	<p>Introduction to Managing Pharmaceutical Waste at Healthcare Facilities</p> <p>Overview of streamlined standards for handling hazardous waste pharmaceuticals.</p> <p><i>Kristen Fenati</i>  <i>Level: Basic</i></p>	<p>Basic Overview of IHW Rules for Generators</p> <p>Basic overview of the industrial and hazardous waste rules for generators.</p> <p><i>Vanessa Dueñas</i>  <i>Level: Basic</i></p>	<p>Overview of PWS Compliance Notebooks</p> <p>Overview on how to use the compliance notebooks (Community PWS, Water Hauler, and TNC PWS) as a record keeping tool.</p> <p><i>Hailey Davidson</i>  <i>Level: Basic</i></p>	<p>Pollution Prevention Planning</p> <p>Overview of how to comply with Pollution Prevention Planning requirements in Texas.</p> <p><i>Chris Leahy</i>  <i>Level: Basic</i></p> <p><b>RENEW</b></p> <p>Overview of resource exchange and how to utilize renewtx.org.</p> <p><i>Coleman Nickum</i>  <i>Level: Basic</i></p> <p><b>MSW</b></p>



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<b>LAB PRACTICES AND DATA REPORTING</b> ROOM 19B	<b>How to Prepare and Talk with Assessors</b> Ways to work with assessors for the best possible outcome of your assessment. <i>Mei Beth Shepard, Shepherd Technical Services, LLC</i> Level: Basic	<b>Performing Beneficial Internal Audits and Management Reviews</b> Discussion of how to thoroughly conduct internal audits and management reviews that benefit the laboratory. <i>Michael Shepherd, Shepherd Technical Services, LLC</i> Level: Intermediate	<b>Light Gas Analysis - From Concerns to Solutions</b> The analysis for methane and other hydrocarbon gases in groundwater has become of great regulatory interest. <i>Rock J. Vitale, CEAC Environmental Standards, Inc.</i> Level: Advanced	<b>Characterization of PFAS in Wastewater, A Comprehensive Analysis</b> A comparison of strengths, weaknesses and the utility of various PFAS methods demonstrated through a wastewater study. <i>Taryn McKnight, Eurofins Environment Testing America</i> Level: Intermediate WW	No Session Scheduled
<b>OIL AND GAS</b> (INCLUDES ETHICS FOR PROFESSIONAL ENGINEERS) BALLROOM G	<b>Oil and Gas Permits by Rule and Standard Permits</b> Examples of common projects and issues. <i>Amber Ni</i> Level: Basic	<b>Texas Board of Professional Engineers and Land Surveyors - Professional Practice Update/Ethics</b> Updates on ethics and Code of Conduct, rule and statutory changes, and Board Activities and Initiatives. <i>Michael Sims, P.E., Texas Board of Professional Engineers and Land Surveyors</i> Level: Basic	<b>Past and Projected Produced Water Volumes in the Permian Basin and Related Management Options</b> Will report historical (2009-2019) and projected produced water volumes and management strategies. <i>Bridget Scanlon, Bureau of Economic Geology; University of Texas at Austin</i> Level: Intermediate	<b>Update on TCEQ Oil and Gas Regulatory Activities in Texas</b> Overview of TCEQ emissions event requirements and update on EPA proposed oil and gas rules. <i>Keith Sheedy</i> Level: Intermediate	<b>Authorizing Alternate Operating Scenarios</b> Routine Emissions versus Emissions Events: when to submit a registration for an alternate operating scenario. <i>Dan Sims; Keith Sheedy</i> Level: Intermediate

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<p><b>TOXICOLOGY UPDATES</b>  WEDNESDAY ONLY  ROOM 12AB</p>	<p>Per- and Polyfluoroalkyl Substances (PFAS): A Health Effects and Regulatory Perspective  PFAS toxicology, explanation of regulatory values, and contamination in Texas.  Allison Jenkins, MPH; Darrell McCant, MPH, DABT  Level: Intermediate</p>	<p>Scientific Issues in the Regulatory Assessment of Ethylene Oxide Cancer Risk  Discussion of key data, modeling issues and risk predictions, endogenous doses, and scientific weight-of-evidence.  Cassandra Elizalde, Ph.D.  Level: Advanced</p>	<p>Ambient Air Monitoring Following Natural Disasters and Industrial Accidents  Evaluation of air monitoring data for air quality assessment following natural and industrial events.  Sabine Lange, Ph.D., D.A.B.T  Level: Intermediate</p>	<p>Refinery Sector Rule: Benzene Fenceline Monitoring in Texas  Analysis of petroleum refinery benzene fenceline monitoring data.  Sainath Babu, Ph.D., DABT  Level: Intermediate</p>	<p>Crystalline Silica: Ambient Air Monitoring and Evaluation of Community Health Impacts near Aggregate Production Operations  Review of potential for health effects resulting from emissions of silica from aggregate production operations.  Janet Petruska Hamilton, Ph.D., D.A.B.T.  Level: Intermediate</p> <p>Toxicology Research Program Updates  Research project summaries for Land Application of Sewage Sludge, Cyanotoxins, and Community Health Impact Assessment.  Tracie Phillips, Ph.D.  Level: Basic</p> <p>TCEQ Environmental Health Update  Presentation of data on environmental quality and important health outcomes that may be potentially impacted.  Nnamdi Nnoli, Ph.D.  Level: Basic</p>

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<p><b>UNDERGROUND INJECTION CONTROL AND RADIOACTIVE MATERIALS AND WASTE MANAGEMENT</b> WEDNESDAY ONLY ROOM 19A</p>	<p>Latest Developments in the Radioactive Materials Division Programs Updates from the Division - Radioactive Materials and Underground Injection Control. <i>Ashley Forbes; Tamara Young</i> <i>Level: Basic</i></p> <p>Radioactive Waste Classification Explained Radioactive waste classification from discovery and applications of radioactive materials and nuclear reactor fuel cycle. <i>Hans Weger, Ph.D.</i> <i>Level: Intermediate</i></p>	<p>How to Prepare a Complete Class I Injection Well Permit Renewal Application Renewal applications require updated information and operational data typically generated after the initial permit issuance. <i>Jan Bates, P.E.</i> <i>Level: Advanced</i></p> <p>UIC Class I Well Construction and Completion Report Requirements and Frequent Deficiencies Will discuss well construction and completion report procedures, notification, technical requirements, and frequent deficiencies encountered. <i>Andy Trevino, P.E.</i> <i>Level: Advanced</i></p>	<p>Update on the U.S. Uranium Industry Update on U.S. domestic uranium development in 2022 and beyond. <i>Paul Goranson, CEO, enCore Energy Corp.</i> <i>Level: Intermediate</i></p>	<p>Class V New and Improved Inventory/Authorization Form A summary of the new form and examples of data required for each section. <i>Bryan Smith, P.G.</i> <i>Level: Intermediate</i></p> <p>What's New for Aquifer Storage and Recovery (ASR) in Texas Summary of legislative implementation, new projects, and development of ASR guidance, plus federal initiatives. <i>Lorrie Council, P.G.</i> <i>Level: Intermediate</i></p> <p>Best Practice Guidance for ASR Operators in Texas - A Preview Development of guidance for ASR operators to help mitigate arsenic mobilization and determine recovery efficiency. <i>Dan Hannah, P.G.</i> <i>Level: Intermediate</i></p>	<p>Review of Restoration and Stability Phases of In Situ Uranium Mining in Texas Case histories of restoration efforts at five uranium mines in South Texas, 2009-2015. <i>Fred Duffy, P.G., Retired Geoscientist, Radioactive Materials Division, TCEQ</i> <i>Level: Advanced</i></p>

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:30–3:30	3:45–4:45
<b>WASTE MANAGEMENT: INDUSTRIAL AND HAZARDOUS WASTE</b> ROOM 18CD	<b>IHW Rule update Feb 2022 – What Changed?</b> Discussion on changes to Generator Rules, the Definition of Solid Waste, and more. <i>Martin Torres; Andi Windham</i> Level: Intermediate	<b>Universal Waste Overview</b> Introduction to universal waste management in Texas. <i>Umair Hassan</i> Level: Basic MSW	<b>Review of Hazardous Waste Combustion</b> Review of the hazardous waste combustion program and an overview of related tools and forms. <i>Carol Bao</i> Level: Intermediate	<b>IHW Public Participation and Permit Application Updates</b> Review of the public participation process and new forms for industrial and hazardous waste permit applications. <i>Fabienne Rambaud; Sara Holt</i> Level: Basic	<b>IHW Permit Application Review Guidance</b> Addressing common deficiencies found in IHW applications and overview of process changes in recent years. <i>Manisha Poudyal; Steven Friggel</i> Level: Basic
<b>WASTEWATER PERMITTING</b> ROOM 16AB	<b>Stormwater TPDES Multi-Sector General Permit (MSGP, TXR050000) Overview</b> Overview of the permit requirements for industrial facilities and implementation of electronic reporting. <i>Madison Taylor; Rebecca L. Villalba</i> Level: Basic  <b>NetDMR Reporting</b> How to submit Stormwater MSGP data through NetDMR system; create an account, access permits, data entry, and submit data. <i>Asa Bigham, OCE</i> Level: Basic WW	<b>TPDES Pretreatment Program for Publicly Owned Treatment Works (POTWs).</b> Overview of the TPDES pretreatment program and update on important rules. <i>Jessica Alcoser; Colleen Cook</i> Level: Intermediate  <b>Tools Publicly Owned Treatment Works (POTWs) Can Use to Identify Industrial Users</b> Review of the TPDES permit application components and overview of tools to identify industrial users. <i>Erin Darling; Ph.D.</i> Level: Intermediate WW	<b>Industrial Wastewater Permitting Process</b> Overview of the permitting process including application tips, the review process, and recent updates. <i>Jaspinder Singh</i> Level: Intermediate  <b>Water Quality Based Effluent Limits (WQBELs): How They’re Calculated and Tips for Permittees</b> Determining WQBELs for wastewater permits. <i>Michael Redda, Ph.D.</i> Level: Intermediate WW	<b>Exploring the Options for Land Application of Treated Domestic Wastewater</b> Options for land application of treated domestic wastewater and tips for completing permit applications. <i>April Hoh, P.G.; Alan Barraza; Jose Alfonso Martinez III</i> Level: Intermediate WW	<b>Stormwater TPDES Construction General Permit (CGP, TXR150000) Overview</b> Overview of the permit requirements for construction sites and renewal of the 2023 CGP. <i>Dante Fekete</i> Level: Basic  <b>TPDES Municipal Separate Storm Sewer System (MS4): Phase II Annual Reports</b> Step-by-step guide on how to complete Phase II MS4 Annual Reports to comply with TXR040000 requirements. <i>Macayla Coleman</i> Level: Intermediate WW

<p><b>WATER</b> <i>ROOM 14</i></p>	<p><b>Administrative Aspects of Surface Water Right Applications</b> Strategies and tips on completing the TCEQ Surface Water Right Application. <i>Jennifer Allis; Kenneth Coonrod; Jenna Rollins; Trent Gay</i> <i>Level: Intermediate</i></p>	<p><b>Surface Water Right Transfers and Water Use Reporting</b> Streamlining the transfer process and how to report water usage. <i>Humberto Galvan</i> <i>Level: Intermediate</i></p> <p><b>Watermaster Specialist-Overview of a Day in the Field</b> Overview of the field activities related to watermaster specialists. <i>Angela Sander; Georgina Bermea</i></p>	<p><b>Show me the Money: Grant Funding for Nonpoint Source Projects</b> Nonpoint Source Grant Program, types of eligible projects and how to apply for funding. <i>Faith Hambleton</i> <i>Level: Basic</i></p> <p><b>How We Back the Bay: An Overview of the Galveston Bay Estuary Program</b> An introduction to the Galveston Bay Estuary Program and its accomplishments, current projects, and goals. <i>Christian Rines</i> <i>Level: Basic</i></p> <p style="text-align: right;">W</p>	<p><b>Texas Integrated Report (IR) for Clean Water Act Sections 305(b) and 303(d)</b> Update on the status and activities related to the development and approval of the 2022 Integrated Report. <i>Andrew Sullivan</i> <i>Level: Intermediate</i></p> <p style="text-align: right;">W</p>	<p>No Session Scheduled</p>
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