



Continuing Education Key for TCEQ Occupational Licenses		
Abbreviation	License	Maximum Hours
W	Water System Operator	10
WW	Wastewater System Operator	10
MSW	Municipal Solid Waste Facility Supervisor	10
LPST	LPST Corrective Action Project Manager	9
UST	UST On-Site Supervisor	9

2019 Environmental Trade Fair & Conference Draft Agenda

(All speakers are TCEQ staff unless otherwise noted)

Tuesday, May 14

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:15–3:15	4:00–5:00
AIR PERMITTING: NEW SOURCE REVIEW AND OPERATING PERMITS <i>BALLROOM EF</i>	Air Permits Division Update & Management Introductions Overview of current APD issues. <i>Mike Wilson, P.E.; Air Permits Division Management</i> <i>Level: Basic</i>	Standardized Authorizations: A Journey Introduction to De Minimis, Permits by Rule, and Standard Permits. <i>Dana Johnson</i> <i>Level: Intermediate</i>	New Source Review (NSR) Permits Overview of the NSR permitting program and NSR permitting mechanisms. <i>Justin McClain</i> <i>Level: Intermediate</i>	Prevention of Significant Deterioration (PSD)/ Nonattainment (NA) Review/Netting Introduction to PSD and NA requirements, including offsets and netting examples. <i>Katie Quinlan</i> <i>Level: Intermediate</i>	Advanced Prevention of Significant Deterioration/ Nonattainment In-depth discussion, including use of tables. <i>David Reyna</i> <i>Level: Advanced</i>
AIR QUALITY <i>TUESDAY ONLY ROOM 19A</i>	Funding Opportunities: Volkswagen Environmental Mitigation Trust and Texas Emissions Reduction Plan Update on funding opportunities to upgrade, repower, or replace vehicles and equipment. <i>Kelsey Hopkinson; Jessica Fleming</i> <i>Level: Basic</i>	NAAQS and Texas Air Quality Update on the latest Texas air quality planning activities and federal standards. <i>Brian Foster; Kasey Savanich</i> <i>Level: Intermediate</i>	Texas Air Quality: State of the Science Overview of current scientific understanding of air quality issues in Texas. <i>Mark Estes</i> <i>Level: Intermediate</i>	Texas Emissions Inventory Overview of point and nonpoint source emissions inventory data, trends, and reporting/development. <i>Matthew Southard; Jill Dickey-Hull</i> <i>Level: Intermediate</i>	Toxics Release Inventory Reporting Guidelines and Data Trends Overview of reporting guidelines and data trend analysis for the Toxics Release Inventory program. <i>K. Blake Kidd, Ph.D.</i> <i>Level: Intermediate</i>

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COMPLIANCE ASSISTANCE AND ENFORCEMENT ROOM 17AB	Ambient Air Monitoring Networks Overview of TCEQ's Air Monitoring Network including a discussion of pollutants monitored and monitoring objectives. <i>Sally Klein</i> Level: Basic	Stack Testing Overview of TCEQ stack testing requirements and compliance investigations. <i>Banks Miller; Jason Baksh</i> Level: Intermediate	Emissions Events Overview of TCEQ requirements for emissions events, including reportable, recordable, and excessive emissions events. <i>Susan Thompson</i> Level: Intermediate	Industrial Wastewater Treatment Investigations Discussion on TCEQ investigations related to industrial wastewater treatment operations. <i>Zack Fuqua</i> Level: Intermediate WW	Emergency Response Overview of requirements for the responsible party and a discussion of TCEQ's response to emergency spills. <i>Gary Sinclair</i> Level: Intermediate W, WW, MSW, LPST, UST
INTRODUCTION TO ENVIRONMENTAL REGULATIONS ROOM 18AB	Water Supply - Plan and Technical Review Process Understanding the approval and exception review process with a focus on P.E. prepared submittals. <i>Erin Guerra; David Smith</i> Level: Basic W	Storm Water - CGP Permitting Basic review of permit applicability, general requirements, and an overview of assistance tools available. <i>Chris Leahy</i> Level: Basic WW	Storm Water - MSGP Permitting Basic review of permit applicability, general requirements, and an overview of assistance tools available. <i>Kristen Fenati</i> Level: Basic WW	Storm Water - Phase II MS4s Basic review of permit applicability, general requirements, and an overview of changes made in newly renewed permit. <i>Polly Porter</i> Level: Basic WW	NetDMR How to create an account, and enter, and submit a Discharge Monitoring Report. <i>Lisa Westbrook</i> Level: Basic WW
LAB PRACTICES AND DATA REPORTING ROOM 19B	Laboratory Staff Training Approaches to effective communication of regulatory, technical, and quality information to laboratory staff. <i>Clint David, Environmental Chemistry, Inc.</i> Level: Basic	A Forensic Approach to Common Analytical Methods Presentation of case studies and raw analytical data from several methods. <i>Erin Rodgers, Environmental Standards, Inc.</i> Level: Advanced	Validating Lab Data While Navigating Qualifiers Review of real data and how to keep common excursions in perspective. <i>Judith Morgan, Pace Analytical</i> Level: Intermediate	Changes in the TNI Standard for Detection, Quantitation, and Calibration: Part I Overview of changes from the previous TNI Standard, and a discussion of new requirements. <i>Jerry Parr, The NELAC Institute</i> Level: Advanced	Changes in the TNI Standard for Detection, Quantitation, and Calibration: Part II Continuation of the overview of changes from the previous TNI Standard, and a discussion of new requirements. <i>Jerry Parr, The NELAC Institute</i> Level: Advanced TCEQ Update: Question and Answer Session Summary of updates to TCEQ's Accreditation Program followed by a question and answer forum. <i>Ken Lancaster</i> Level: Basic

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OCCUPATIONAL LICENSING <i>TUESDAY ONLY</i> <i>ROOM 15</i>	Updates Impacting the Environmental Occupational Licensing in Texas Director's update on upcoming and recent program and legislative changes impacting the Occupational Licensing Program. <i>Jaya Zyman, P.E.</i> <i>Level: Basic</i>	Licensing Requirements for Water, Wastewater, MSW, UST, and LPST Specific training, experience, and examination requirements for occupational license holders. <i>Erwin Madrid; Ashley Robledo; Martha Hull</i> <i>Level: Intermediate</i>	New and Improved Exam Registration Process New improvements to the Occupational Licensing online exam registration. <i>Robin Maiorisi</i> <i>Level: Intermediate</i> Demonstration of the New Online Licensing Electronic Application (OLEA) Live demonstration of the new OLEA including common mistakes that can cause application delays. <i>Tamara Calhoun</i> <i>Level: Intermediate</i>	How to Become a TCEQ-Approved Training Provider Discussion of required items to submit, and the approval process for becoming a new TCEQ-approved training provider. <i>James Murphy</i> <i>Level: Intermediate</i> Responsibilities of Approved Training Providers including Audit Preparation Discuss rules and guidance on responsibilities for training providers, with an overview of the audit process. <i>Linda Saladino</i> <i>Level: Intermediate</i>	No Session Scheduled
OIL AND GAS <i>(INCLUDES ETHICS FOR PROFESSIONAL ENGINEERS)</i> <i>BALLROOM G</i>	Oil and Gas Permits by Rule and Standard Permits Examples of common projects and issues. <i>Dan Sims</i> <i>Level: Basic</i>	TexNet/CISR - Monitoring and Analyzing Earthquake Activity in Texas Discussion of recent and ongoing seismic monitoring and geological analyses of earthquake activity in Texas. <i>Michael Young, Ph.D., Bureau of Economic Geology</i> <i>Level: Intermediate</i>	Office of Compliance and Enforcement: Part I Update on Oil and Gas activities in Texas. <i>Susan Jablonski, P.E.</i> <i>Level: Basic</i> Office of Compliance and Enforcement: Part II Update on the use of the Self Audit Privilege Act. <i>Bryan Sinclair</i> <i>Level: Intermediate</i>	Estimating Oil & Gas Exploration and Production Emissions Exploring the history, current state, and future of estimating area source Oil & Gas emissions. <i>Michael Ege</i> <i>Level: Basic</i>	Texas Board of Professional Engineers - Practice Update / Ethics General updates on Board initiatives, information on enforcement statistics, and the engineering Code of Conduct. <i>David Howell, P.E., Texas Board of Professional Engineers</i> <i>Level: Basic</i>
WASTE MANAGEMENT: MUNICIPAL SOLID WASTE <i>ROOM 18CD</i>	Landfill Mining Requirements for Recovering Materials and Land from Closed or Active Landfills Overview of requirements for obtaining authorizations to conduct	Municipal Solid Waste (MSW) 101: Part I Overview of MSW facility types, authorization levels, and applicable rules. <i>Michael Sofijczuk; Gayatri Bitracanti</i> <i>Level: Basic</i>	MSW 101: Part II Synopsis of available forms for MSW applications and use of checklists for application submittal. <i>Garrett Heathman; Chance Goodin</i> <i>Level: Basic</i>	Closure and Post Closure Care for MSW Facilities Closure and post closure care plans and cost estimate requirements for MSW facilities. <i>Armando Barrera</i> <i>Level: Intermediate</i>	Scrap Tire Management in Texas Overview of the Scrap Tire Program and how Waste Permits Division reviews and manages active registrations. <i>Emilee Bell</i> <i>Level: Basic</i>

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:15–3:15	4:00–5:00
	landfill mining at MSW landfills. <i>Chandra Yadav</i> <i>Level: Intermediate</i> MSW				
WASTEWATER PERMITTING <i>ROOM 16AB</i>	<p>Water Quality Division & Legislative Update Overview of new rules, legislation updates, and initiatives that may impact wastewater. <i>David W. Galindo</i> <i>Level: Intermediate</i></p> <p>TPDES Pretreatment Program for Publicly Owned Treatment Works (POTW) & New EPA Rule Overview of the pretreatment program for POTWs & EPA Rule updates including Dental Office Rule. <i>Erika Crespo</i> <i>Level: Intermediate</i></p> <p>WW</p>	<p>Tools POTWs Can Use to Identify Industrial Users Review of the TPDES permit application components and overview of tools to identify industrial users. <i>Jessica Alcoser</i> <i>Level: Intermediate</i></p> <p>Municipal Land Application Permits Exploring the options for land application of treated domestic wastewater. <i>Amanda Pirani; Paul Askenasy, P.E., Ph.D.; Julian Centeno</i> <i>Level: Intermediate</i></p> <p>WW</p>	<p>Municipal Wastewater Permits Review of applications for municipal wastewater permits, draft-permit applications, and draft-permit package-development. <i>Jose Alfonso Martinez III</i> <i>Level: Intermediate</i></p> <p>Chapter 312 Closure Plans for Municipal Wastewater Treatment Plants (WWTPs) Discussion on the process for Municipal WWTP closure and post-closure care. <i>Jose Alfonso Martinez III; Brian Sierant</i> <i>Level: Basic</i></p> <p>Chapter 312 Rule Revisions: Review of the Administrative and Technical issues on Beneficial Use of Sewage Sludge Overview of the new biosolid rule revisions and examples of issues. <i>Brian Sierant</i> <i>Level: Basic</i></p> <p>WW</p>	<p>Design Criteria for Domestic Wastewater Treatment Facilities 30 TAC Chapter 217 Discussion on technical issues and procedures for domestic treatment facilities and collection systems. <i>Louis C. Herrin, III, P.E.</i> <i>Level: Intermediate</i></p> <p>Uses of Domestic Reclaimed Water Overview of the Chapter 210 regulations for reuse of treated domestic wastewater. <i>Baltazar Lucero-Ramirez, P.E.</i> <i>Level: Intermediate</i></p> <p>MSW</p>	<p><i>Procedures to Implement the Texas Surface Water Quality Standards (RG-194)</i> Overview of the publication and how to use it. <i>Peter Schaefer</i> <i>Level: Intermediate</i></p> <p>Whole Effluent Toxicity Overview of whole effluent toxicity in the implementation procedures. <i>Michael Pfeil</i> <i>Level: Basic</i></p> <p>Streams and Wetlands: 401 Water Quality Certification & Mitigation Banks in Texas TCEQ's role in the federal 404 permitting process for impacts to streams and wetlands. <i>C. Brad Caston</i> <i>Level: Intermediate</i></p> <p>MSW</p>
WASTE REMEDIATION <i>TUESDAY ONLY</i> <i>ROOM 12AB</i>	<p>Ecological Risk Assessment (ERA): Case Study An overview of RG-263c, a case study demonstrating TCEQ's ERA process, and program updates.</p>	<p>Railroad Commission of Texas (RRC): Brownfields Response Program</p>	<p>Procedures for Groundwater Notifications Under Texas Water Code 26.408 and 5.236</p>	<p>Innocent Owner/Operator Program (IOP): Case Studies Introduction to the IOP with case studies; discussion of the</p>	<p>Data Usability Reviews and Documentation for Texas Risk Reduction Program and</p> <p>WW</p>

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	<p><i>Mike Smith; Greg Zychowski; Margaret Roy, Centerline Environmental Consulting</i> Level: Intermediate</p> <p style="text-align: right;"><i>LPST</i></p>	<p>How the RRC Brownfields Response Program assists with redevelopment of abandoned oil and gas sites. <i>Ashley Correll, Railroad Commission of Texas</i> Level: Basic</p> <p>Revitalization Through TCEQ Brownfields Discussion of TCEQ's Brownfields Program and the benefits of revitalization through redevelopment. <i>Kristy Livingston</i> Level: Basic</p> <p style="text-align: right;"><i>LPST</i></p>	<p>Overview of the requirements for drinking water surveys and groundwater contamination notices. <i>Prasanthi Bollineni</i> Level: Basic</p> <p style="text-align: right;"><i>LPST</i></p>	<p>interaction with the Voluntary Cleanup Program. <i>Christopher Moore</i> Level: Basic</p> <p style="text-align: right;"><i>LPST</i></p>	<p>Petroleum Storage Tank Projects Discussion of process for conducting data usability reviews and preparing data usability summary reports. <i>Mark Maglitto</i> Level: Intermediate</p> <p style="text-align: right;"><i>LPST</i></p>
<p>WATER ROOM 14</p>	<p>Public Drinking Water Distribution System Optimization Strategies Road map for optimizing multiple-barrier strategies including: sampling, disinfection control, and main flushing. <i>Charlie Middleton</i> Level: Intermediate</p> <p>Can We Help? Resources for Public Water Systems Overview of resources to help strengthen financing, management, and day-to-day operations. <i>Dorothy Young</i> Level: Basic</p> <p style="text-align: right;"><i>W</i></p>	<p>Strategies for Communications to Public Water Systems Effective and timely communications to water system customers in urgent situations. <i>Patrick Kading</i> Level: Basic</p> <p>Drinking Water Questions: Who Should I Ask? Who should public water system consumers ask about drinking water quality questions? <i>Dorothy Young; Brittney Teakell; Patrick Kading</i> Level: Basic</p> <p style="text-align: right;"><i>W</i></p>	<p>Total Coliform Bacteria in your Public Water System Discussion of sanitary defects and causes of bacteria coliforms detected in your system. <i>Kasy Stinson; Alex Hinz</i> Level: Basic</p> <p>Current Status of the Texas Integrated Report for Clean Water Act Sections 305(b) and 303(d) Updates on the 2016, 2018, and 2020 Integrated Reports. <i>Andrew Sullivan</i> Level: Intermediate</p> <p style="text-align: right;"><i>W</i></p>	<p>Texas Surface Water Quality Standards Update on revisions to Texas Surface Water Quality Standards. <i>Joe Martin</i> Level: Intermediate</p> <p>Total Maximum Daily Load (TMDL) Program Overview of the program, with emphases on stakeholder involvement, education, outreach, and sustainability to improve water quality. <i>Roger Miranda</i> Level: Basic</p> <p style="text-align: right;"><i>W</i></p>	<p>No Session Scheduled</p>

2019 Environmental Trade Fair & Conference Draft Agenda

Wednesday, May 15

Education Tracks	8:30-9:30	10:30-11:30	1:00-2:00	2:30-3:30	3:45-4:45
AIR PERMITTING: NEW SOURCE REVIEW AND OPERATING PERMITS <i>BALLROOM EF</i>	Permitting Streamline Initiatives, Including Direct Assistance Guidance Introduction to air permitting and modeling tools. <i>Dianne Anderson; Kate Brown; Kim Strong</i> <i>Level: Intermediate</i>	Readily Available Permits Case study using permitting tools. <i>Amber Huddle; Miranda Duncan</i> <i>Level: Intermediate</i>	Tanks and Permits by Rule Using 30 TAC §106, Subchapter U along with §106.261 and §106.262. <i>Jimmy Nolan; Mark McDonald</i> <i>Level: Intermediate</i>	Site Operating Permits (SOPs) - Initial, Revision, and Renewal Applications Explanation of Title V SOP processes. <i>Brandon Marsh, P.E.</i> <i>Level: Intermediate</i>	How Title V and NSR Permitting Interact Comparing permitting types and how they relate to each other. <i>Ariel Ramirez; Vasant Chaphekar, P.E.</i> <i>Level: Intermediate</i>
COMPLIANCE ASSISTANCE AND ENFORCEMENT <i>ROOM 17AB</i>	Enforcement Division Overview Overview of the responsibilities of the TCEQ Enforcement Division. <i>Melissa Cordell</i> <i>Level: Basic</i> Environmental Audit Act Guide to the Texas Environmental, Health, and Safety Audit Privilege Act including a discussion on common deficiencies. <i>Robyn Babyak</i> <i>Level: Basic</i> <i>W, WW, MSW, UST</i>	Petroleum Storage Tank Rule Summary of recent revisions and why they are important. <i>Lonnie Gilley</i> <i>Level: Intermediate</i> <i>LPST, UST</i>	Landfill Investigations Overview of the components in TCEQ landfill investigations and a discussion of common investigation findings. <i>Jason Adams</i> <i>Level: Intermediate</i> <i>MSW</i>	Unauthorized Wastewater Discharges Overview of required actions for unauthorized wastewater discharges and a discussion on TCEQ's response. <i>Scott Griffith</i> <i>Level: Intermediate</i> <i>WW</i>	Sanitary Sewer Overflow (SSO) Initiative Overview of TCEQ's SSO Initiative and information for prospective participants. <i>Anne Ruthstrom</i> <i>Level: Intermediate</i> <i>WW</i>
ENVIRONMENTAL QUALITY ALONG THE TEXAS BORDER WITH MEXICO <i>WEDNESDAY ONLY ROOM 15</i>	Protecting Environmental Quality Along the Texas Border with Mexico TCEQ's Border Initiative, Border 2020, and examples of cross-border collaboration to protect	U.S. - Mexico Border Wind Power Overview of wind power projects on both sides of the border. <i>Manniti Cummins, Energía Veleta</i> <i>Level: Intermediate</i>	Local Management of Scrap Tires Along the Border Unique challenges in managing scrap tires on the international border and one local solution. <i>Melanie Scruggs; John Ockels, Texas Illegal Dumping</i>	Four TCEQ Regions Sharing One International Border Investigations, enforcement, and compliance assistance in the four TCEQ border regions. <i>David Ramirez</i> <i>Level: Basic</i>	Mexico - Texas Wildlife Conservation in the Age of More Border Barriers Despite challenges along the border region, professionals collaborate for the conservation of shared resources.

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	human health and the environment. <i>Eddie Moderow; Claudia Lozano</i> Level: Basic		<i>Resource Center; Ivan Santoyo, City of Laredo</i> Level: Intermediate W, WW, MSW		<i>Maria Araujo, Texas Parks & Wildlife Department</i> Level: Intermediate
INTRODUCTION TO ENVIRONMENTAL REGULATIONS <i>ROOM 18AB</i>	ePBR & STEERS How to create a STEERS account and obtain a Permit By Rule electronically. <i>Amanda Flint</i> Level: Basic	Waste Reduction Policy Act (WRPA) How to comply with the Texas law for pollution prevention planning, called WRPA. <i>Calen Roome</i> Level: Basic	Understanding the Enforcement Process A basic explanation of the policy used to initiate enforcement and determine penalty amounts related to TCEQ orders. <i>Katy Montgomery</i> Level: Basic W, WW, MSW, LPST, UST	New PST Rules and Compliance Resources Updates on Petroleum Storage Tank related rules and review of available compliance programs and tools. <i>Danielle Cochran; Scott Dickson</i> Level: Basic LPST, UST	Common Questions & Answers about the New PST Rules Complying with the new PST rules and changes to the compliance notebook. <i>Danielle Cochran; Rebekah Stanush</i> Level: Basic LPST, UST
LAB PRACTICES AND DATA REPORTING <i>ROOM 19B</i>	Dredged Material Evaluations from an Environmental Laboratory's Perspective Review of the test program associated with dredged material evaluations. <i>Patricia McIsaac, Test America</i> Level: Intermediate	Calibration – What Changed, Why, and What Next? Discussion of what has changed and what needs to change with calibration requirements. <i>Richard Burrows, Test America</i> Level: Intermediate	Alarming Differences in Dissolved Methane Across Commercial Laboratories - Finding a Fix Discussion of studies related to disparate dissolved methane results in groundwater monitoring. <i>Rock Vitale, Environmental Standards, Inc.</i> Level: Advanced	Public Water Supply Quality Assurance Project Plan Reporting Requirements: Part I Drinking Water Program QAPP requirements for laboratories and impacts on Public Water Systems. <i>Jessica Hoch</i> Level: Intermediate W	Public Water Supply Quality Assurance Project Plan Reporting Requirements: Part II Continuation of Drinking Water Program QAPP requirements for laboratories and impacts on Public Water Systems. <i>Jessica Hoch</i> Level: Intermediate W
OIL AND GAS <i>(INCLUDES ETHICS FOR PROFESSIONAL GEOSCIENTISTS)</i> <i>BALLROOM G</i>	Oil and Gas Injection Wells: Groundwater Protection and Aquifer Exemption Overview of groundwater protection practices for oil & gas wells, including injection wells, and aquifer exemption. <i>James Harcourt, Railroad Commission of Texas; Rick Behal, Railroad Commission of Texas</i> Level: Intermediate	Review of Induced Seismicity: The Delaware Basin Exploring seismic activity in the Delaware Basin, and permitting disposal wells in affected areas. <i>Paul Dubois, Railroad Commission of Texas</i> Level: Intermediate	History and Implementation of the TCEQ and Railroad Commission MOU How Texas became a dual-agency waste management state, and how the MOU benefits Texas. <i>David Cooney, Jr., Railroad Commission of Texas</i> Level: Basic	Practical Lessons from Twenty Years of Environmental Law Practice at the TCEQ and Railroad Commission Legal issues faced as counsel for TCEQ and RRC with an emphasis on practical solutions. <i>David Cooney, Jr., Railroad Commission of Texas</i> Level: Intermediate	Ethics Training for Professional Geoscientists Laws, regulations, and examples regarding P.G. licensee ethics in Texas. <i>Wesley McCoy, P.G., Texas Board of Professional Geoscientists</i> Level: Basic

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UNDERGROUND INJECTION CONTROL AND RADIOACTIVE MATERIALS AND WASTE MANAGEMENT WEDNESDAY ONLY ROOM 19A	<p>Latest Developments in the Radioactive Materials Division Updates on the Division's programs. <i>Ashley Forbes</i> <i>Level: Basic</i></p> <p>Radioactive Materials Section Update Program updates from Radioactive Materials Licensing and Uranium Licensing and Permitting. <i>Tony Gonzalez; Hans Weger, Ph.D.</i> <i>Level: Intermediate</i></p>	<p>Waste Control Specialists (WCS) Update and Overview of Low Activity Waste Disposal Updates on operations at WCS site in Andrews County and description of low activity radioactive waste disposal activities. <i>Chris Shaw, M.S., CHP</i> <i>RRPT, WCS, Waste Control Specialists LLC</i> <i>Level: Intermediate</i></p>	<p>Underground Injection Control (UIC) Program Update on UIC Program activities and issues in Texas. <i>Lorrie Council, P.G.; Tamara Young</i> <i>Level: Intermediate</i></p> <p>Which Type of Facility Represents your Class I Injection Well Operations? Discussion of commercial, non-commercial, captured, off-site, on-site, contiguous, non-contiguous facilities. <i>Jan Bates, P.E.</i> <i>Level: Advanced</i></p>	<p>Recent UIC Class I Well Construction Issues Discussion of recent issues encountered during drilling, construction, and filing of completion reports for Class I Wells. <i>Andy Trevino, P.E.</i> <i>Level: Advanced</i></p> <p>What to Do When Your Well Breaks Down Discussion of the workover process from loss of mechanical integrity to "Back in Service." <i>Rich Heitzenrater</i> <i>Level: Intermediate</i></p>	<p>Concentrate Management related to the Kay Bailey Hutchison Desalination Plant in El Paso Overview of 10 years of plant operation and innovative approaches to manage concentrate. <i>Scott Reinert, El Paso Water</i> <i>Level: Advanced</i></p> <p>A Modeling Approach to Assess the Feasibility of Water Injection, Storage, and Recovery Development plan of application guidelines for entities seeking authorizations for aquifer storage and recovery wells. <i>David Murry, P.G.; Reinaldo E. Alcalde, M.S., Student, U.T., Austin</i> <i>Level: Advanced</i></p>
WASTE MANAGEMENT: INDUSTRIAL AND HAZARDOUS WASTE ROOM 18CD	<p>Industrial and Hazardous Waste Permits Section Overview/Emerging Issues IHW Permits Section updates and discussions regarding new impacts to industry. <i>Bob Patton</i> <i>Level: Basic</i></p> <p style="text-align: right;"><i>MSW</i></p>	<p>Resource Conservation and Recovery Act (RCRA) Rule Description of federal rule revisions, and how the Texas regulated community will be impacted. <i>Jarita Sepulvado</i> <i>Level: Basic</i></p> <p style="text-align: right;"><i>MSW</i></p>	<p>Waste Classification: Part I RCRA hazardous and non-hazardous waste classification overview. <i>Carol Bao; Sheila Meyers</i> <i>Level: Intermediate</i></p> <p style="text-align: right;"><i>MSW</i></p>	<p>Waste Classification: Part II RCRA hazardous and non-hazardous waste classification overview. <i>Carol Bao; Sheila Meyers</i> <i>Level: Intermediate</i></p> <p style="text-align: right;"><i>MSW</i></p>	<p>Industrial and Hazardous Waste Process Enhancements Guidance to changes made to the IHW application and reporting process to facilitate improved permits. <i>Chirag Patel; Fabienne Rambaud</i> <i>Level: Basic</i></p> <p style="text-align: right;"><i>MSW</i></p>
WASTEWATER PERMITTING ROOM 16AB	<p>Industrial Wastewater Permit Application</p>	<p>Industrial Wastewater Permits Overview of the permitting process</p>	<p>Water Quality Based Effluent Limits (WQBEL): How they're calculated and tips for permittees</p>	<p>Municipal Separate Storm Sewer Systems General Permit</p>	<p>Stormwater TPDES Construction General Permit (CGP) (TXR150000)</p>

Education Tracks	8:30–9:30	10:30–11:30	1:00–2:00	2:30–3:30	3:45–4:45
	<p>Revisions, Common Problems, and Information Resources Learn about the new Industrial Wastewater Permit Application, typical application issues, and available tools. <i>Michael Anstice; Shannon Gibson</i> Level: Intermediate</p> <p style="text-align: right;"><i>WW</i></p>	<p>including application tips, the review process, and recent updates. <i>Rebecca Moore</i> Level: Intermediate</p> <p>Industrial 210E Authorization for Beneficial Reuse Process review on how to obtain 210E authorization to beneficially reuse treated industrial wastewater. <i>Monica Baez</i> Level: Intermediate</p> <p style="text-align: right;"><i>WW</i></p>	<p>Determining WQBELS for wastewater permits. <i>Sarah Johnson, Ph.D.</i> Level: Intermediate</p> <p>TCEQ's Electronic Permitting (ePermits) for Stormwater General Permits Overview of ePermits for water quality general permits. <i>Radhika Aduri</i> Level: Intermediate</p> <p style="text-align: right;"><i>WW</i></p>	<p>(MS4) (TXR040000) Phase II and Stormwater Management Programs Overview of the MS4 Phase II renewal and updating of Stormwater Management Programs. <i>Rebecca L. Villalba</i> Level: Intermediate</p> <p style="text-align: right;"><i>WW</i></p>	<p>Overview of the permit requirements for construction sites. <i>Lindsay Garza</i> Level: Intermediate</p> <p>Stormwater TPDES Multi-Sector General Permit (MSGP) (TXR050000) Overview of the permit requirements for industrial facilities. <i>Dan Siebeneicher; Lili Martinez</i> Level: Intermediate</p> <p style="text-align: right;"><i>WW</i></p>
WATER <i>ROOM 14</i>	<p>Changing Owners of Water Rights How to discover water rights and streamlining the resource transfer process. <i>Megan Brown</i> Level: Basic</p> <p>Water Rights Annual Reports Why reporting matters and what information makes the most impact. <i>Joe Nicosia</i> Level: Basic</p> <p style="text-align: right;"><i>W</i></p>	<p>Texas Groundwater Protection Committee Updates on the Texas Groundwater Protection Strategy and the groundwater portion of the 2018 Texas Integrated Report. <i>Leon Byrd; Kathy McCormack</i> Level: Intermediate</p> <p>Watermaster Programs in Texas Overview of the Texas Watermaster Programs and ongoing basin evaluations. <i>Brooke McGregor</i> Level: Basic</p> <p style="text-align: right;"><i>W</i></p>	<p>Water Rights Permitting Process: What Makes Your Application Administratively Complete Overview of the water rights application process, including permitting, hydrology, and conservation. <i>Trent Jennings; Jade Rutledge; Joshua Schauer; Alisa Patterson</i> Level: Intermediate</p> <p style="text-align: right;"><i>W</i></p>	<p>Funding Green Stormwater Infrastructure for Water Quality and Flooding Issues Funding green stormwater infrastructure and low impact development with nonpoint source grants. <i>Jessica Uramkin</i> Level: Basic</p> <p>Enhancing Habitat and Community Engagement in Local Parks Results of the Galveston Bay Estuary Program's successful local habitat enhancement projects. <i>Cynthia Clevenger</i> Level: Basic</p> <p style="text-align: right;"><i>W</i></p>	No Session Scheduled