



# UIC CONFERENCE

February 21-23, 2017 | Austin, Texas

## Preliminary Detailed Agenda

### EVENT SPONSORS



## Tuesday 2/21/2017 – Workshop Day

9:30 – 5:00

**Registration – Mezzanine**

10:00 – 12

**Class I UIC Operator Training – Riverside South Room**

**Jim Bundy**, WSP | Parsons Brinckerhoff

The Class I Operator Training Course is a culmination of topics which have been presented to GWPC for the last 20+ years. See app for further details.

**UIC National Technical Workgroup – IPO Room**

1:00 – 3:00

**Seismic Monitoring & Mitigation Workshop – Riverside South Room**

Dan Arthur & Tom Tomastik, ALL Consulting

This course will focus on understanding the aspects of injection-induced seismicity as it relates to Class II disposal wells and how to develop an effective monitoring and mitigation plan that provides for a proactive approach to the management of injection-induced seismicity. See app for further details.

**State/EPA Only Meeting – Riverside North, East, West Rooms**

Will Begin at 2 p.m.  
Closed Meeting

3:00 – 5:00

**FracFocus Training – Riverside South Room**

**William Blackwell**, GWPC Staff

6:00 – 7:00

**Young Professionals / New Attendee Mixer**

**Speakeasy**


Walking Distance from the Hotel  
412 Congress Ave D, Austin, TX 78701

*Appetizers and Cocktails*

## Wednesday 2/22/2017

7:30 -8:30	Registration & Breakfast - Mezzanine			
8:30-10:20	<p>Opening General Session – <i>Riverside South Room</i></p> <ul style="list-style-type: none"> <li>• Marty Link, Nebraska DEQ, GWPC President – “Introduction &amp; Welcome”</li> <li>• Lori Wrotenbery, TX RRC - Texas UIC</li> <li>• Charles Maguire, TCEQ, Texas UIC – “UIC Priorities”</li> <li>• Bill Honker, US EPA - “EPA Region 6 Update”</li> <li>• Anita Thompkins, US EPA - “UIC Priorities”</li> </ul>			
10:30-12:00	UIC & Gas Storage – <i>Riverside South Room</i>	Produced Water Forum <i>Riverside North/East Room</i>	Class I UIC Session – <i>IPO Room</i>	Class III & V UIC Roundtables – <i>Riverside West</i>
	<p><i>“Wellbore Integrity of Gas Storage Wells – Current Perspectives”</i> Talib Syed, Talib Syed &amp; Associates, Inc.</p> <p><i>“Gas Storage Regulation After Aliso Canyon”</i> Adam Peltz, EDF</p> <p><i>“UIC Program &amp; Gas Storage”</i> Bob Van Voorhees, Bryan Cave StatesFirst - Gas Storage Workgroup Update</p>	<p>Moderator: Linda Capuano, Baker Institute</p> <p><i>“Lines of Evidence for Evaluating Potential Impacts from Produced Water on Groundwater”</i> Lisa Molofsky, GSI Environmental Inc.</p> <p><i>“Produced Water in State-Level Legislative &amp; Regulatory Measures”</i> Anna Mikulska, Rice University’s Baker Institute for Public Policy</p> <p><i>“Produced Water Re-use and Recycling in Oklahoma”</i> Michael Dunkel, CH2M</p>	<p><i>“Update: EPA Region VI &amp; Land Ban Processes”</i> Phil Dellinger &amp; Brian Graves, US EPA Region 6 (Invited)</p> <p><i>“Magnum Scale UIC Class I Injection Well Implementation Program, Miami-Dade County, Florida”</i> Ed Rectenwald, MWH Stantec, Dr. Virginia Walsh, Miami-Dade Water and Sewer Department, &amp; Gerrit Bulman, CH2M</p> <p><i>“An Introduction to Pressure Transient Testing of Injection Wells &amp; Use for UIC Permit and Landban Petition Compliance”</i> Ken Cooper, Petrotek</p>	<p>Class III Roundtable Discussion</p> <p>Class V UIC Roundtable Discussion</p>

12:00-1:30	Lunch on your own		
1:30 – 3:00	Class II & VI UIC Forum – <i>Riverside South Room</i>	Produced Water Forum <i>Riverside North/East Room</i>	Class I UIC Session – <i>IPO Room</i>
	<ul style="list-style-type: none"> <li>• Discussion of aquifer exemption (NRDC petition &amp; EPA response, California’s progress, listing &amp; mapping)</li> <li>• Updates on UIC primacy (Michigan &amp; Kentucky)</li> <li>• Updates on the Class VI program</li> <li>• Commercial vs. non-commercial Class II wells</li> </ul> <p><i>“Oilfield Water Injection: A Summary of Issues”</i> Dan Arthur, ALL Consulting</p> <p><i>“Challenges to the UIC Aquifer Exemption Provision: Facts &amp; Figures on Class II Injection Wells”</i> John Connor, GSI Environmental, LLC</p>	<p>Moderator: Linda Capuano, Baker Institute</p> <p><i>“GWPC Produced Water Report Update”</i> John Veil, Veil Environmental, LLC</p> <p><i>“Beneficial Use of Produced Water – Sounds Simple Enough”</i> Rick McCurdy, Chesapeake Energy</p> <p><i>“Produced Water – Transportation and Logistics Challenges”</i> Kenneth Nichols (invited) Water Management Coordinator, Devon Energy Corporation</p> <p>States discuss the integration of non-fresh water into state water plans</p>	<p><i>“Water Quality Treatment Considerations for Non-Hazardous Disposal Wells Injecting Produced Fluids from Three Different Coal Mines”</i> Chad Milligan, SCS Engineers</p> <p><i>“Seismicity in Texas in Relation to Active Class I Underground Injection Control Wells: Preliminary Observations”</i> David Murry, TCEQ</p>
			Class I Roundtable
			Roundtable Discussion
3:00 – 3:30	Break		
3:30 – 5:00	Aquifer Exemption – <i>Riverside South Room</i>	Produced Water Forum: Wrap Up <i>Riverside North/East Room</i>	RBDMS: Update on State UIC Data Management - <i>IPO Room</i>
	<p><i>“Aquifer Exemptions &amp; Drinking Water Protection: More Attention Needed in Era of Elevated Threats”</i> John Noel, Clean Water Action</p> <p><i>“Review of the Aquifer Exemption Process, History &amp; Implementation”</i></p>	<p>Moderator: Linda Capuano, Baker Institute</p> <p><i>“Brackish Groundwater National Desalination Research Facility”</i> Randall (Randy) Shaw, US Dept. of Interior, Bureau of Reclamation, Brackish Groundwater National Desalination Research Facility</p>	<p>Moderator: Paul Jehn, GWPC</p> <p><i>“California Web Enabling”</i> Thom Kerr</p> <p><i>“Field Inspection Update”</i> Thom Kerr</p>

<p><i>Related to Groundwater Protection &amp; Use"</i> Hal Demuth, Petrotek Engineering Corporation</p> <p><i>"Legal &amp; Regulatory Framework for Identifying USDWs &amp; Exempted Aquifers"</i> Bob Van Voorhees, Bryan Cave</p>	<p><i>"Federal Perspectives"</i> Nancy Johnson, US Dept. of Energy</p>	<p><i>"WellFinder Update"</i> TJ Groves, GWPC Staff</p> <p><i>"State Program Updates (MI/UT) GWPC Staff"</i></p>
<p>5:30 – 6:30 <b>Hotel Evening Reception</b></p> 		

**Thursday 2/23/17**

<p>7:30 – 8:30 8:30-10:00</p>	<p><b>Registration &amp; Continental Breakfast - Mezzanine</b></p>	
	<p><i>Seismic Session: Regulation and Practice- Riverside South Room</i></p> <p><i>"Class II SWD Disposal Well Issues: Induced Seismicity Myth versus Reality"</i> Laura Capper, CAP Resources</p> <p><i>"Managing Injection-Induced Seismicity Through Monitoring &amp; Mitigation"</i> Tom Tomastik, ALL Consulting</p> <p><i>"The Oil &amp; Gas Division's Approach to Reducing the Risk of Induced Seismicity from Oil &amp; Gas Activity"</i> Tim Baker, Oklahoma Corporation Commission</p> <p><i>"TexNet and CISR: An Update on Monitoring and Understanding Seismicity in Texas"</i> Michael Young, University of Texas at Austin</p>	<p><i>Aquifer Storage &amp; Recover / Managed Aquifer Recharge- Riverside North, East, West Room</i></p> <p><i>"San Antonio Water System: ASR Drought Management Operations"</i> Roberto Macias, San Antonio Water System</p> <p><i>"ASR &amp; Desalination Potential of the Saline Edwards Aquifer"</i> Brian Smith, Barton Springs/Edwards Aquifer Conservation District</p> <p><i>"Aquifer Exemptions &amp; Desalination Concentrate Management: The El Paso Texas Story"</i> Brad Cross, LBG-Guyton</p>

10:00-10:30	Break	
10:30-12:00	<b>Seismic Session: Technology and Science-</b> <i>Riverside South Room</i>	<b>Aquifer Storage &amp; Recover / Managed Aquifer Recharge-</b> <i>Riverside North, East, West Room</i>
	<p><i>"Managing Injection Induced Seismicity: Identification of Potentially Active Faults"</i>  Rall Walsh, Stanford University</p> <p><i>"Geomechanical Factors for Assessing the Effects of Subsurface Injection in the Midwestern U.S."</i>  J.R. Sminchak, Battelle</p> <p><i>"Induced Seismicity: Observations, Research, and Oversight in British Columbia"</i>  Stuart Venables, British Columbia Oil &amp; Gas Commission</p>	<p><i>"Aquifer Storage and Recovery in Texas"</i>  Matt Webb, Texas Water Development Board</p> <p><i>"New UIC Aquifer Storage and Recovery Regulations in Texas and Prospective Projects"</i>  Lorrie Council, TCEQ</p> <p><i>"Texas-Brackish Aquifer Mapping"</i>  John E. Meyer, P.G., Texas Water Development Board</p> <p><i>"Planning for ASR in Oklahoma"</i>  Saba Tahmassebi, Oklahoma DEQ</p>
12:00	Conference Adjourns	