

"The Hot Topics in UIC"



GWPC 2012 UIC Conference
January 23-25, 2012
Crowne Plaza Downtown
Houston, TX



Monday, January 23rd Registration Opens 8:00 AM Bluebonnet Foyer

10:00 AM-
4:00 PM

Bluebonnet A

Class I UIC Operator Training Session: Steve King, Subsurface Technologies

Part 1 – Power Point presentation/training, Class overview/basics

- History of Injection and Overview of UIC Program
- Permitting
- Petitioning
- Siting Criteria, Geology, and Reservoir Properties
- New Class I Well Construction Well Repair and Workovers
- Operating Procedures
- Fluid Quality
- Inspections
- Mechanical Integrity Testing
- Reservoir Testing
- This is an interactive course. Questions from the participants are encouraged.

Part 2 – Roundtable well discussion

• We are planning an interactive UIC roundtable discussion and training session to cover areas of interest to each and every person attending. If you have a specific well problem or just an area you may like to get a more thorough understanding, please let us know and we will cover those items. If you do not have a specific item you want covered we also encourage you to attend.

Bluebonnet B

Hydraulic Fracturing Seminar

Welcome: **Mike Nickolaus, GWPC**

Part 1- Regulatory Considerations for Hydraulic Fracturing and Groundwater Protection

- Regulatory Panel - **Leslie Savage**, Railroad Commission of Texas, **Lori Wrotenbery**, Oklahoma Corporation Commission, **Don Drazan**, New York Department of Environmental Conservation, and **Joe Lee**, Pennsylvania Department of Environmental Protection
- Draft Regulatory Development Guide – **Scott Kell**, Consulting Geologist
- Hydraulic Fracturing on Federal Lands – **Michael Nedd**, Bureau of Land Management

Part 2- Technical considerations for Hydraulic Fracturing and Groundwater Protection

- Overview of geology, depositional environments, thickness, areas of gas production- **Eric Potter**, Texas Bureau of Economic Geology
- Geochemistry of Shale gas basins including NORM and trace elements – **J.P. Nicot**, Texas Bureau of Economic Geology
- Water Used for Hydraulic Fracturing: Amounts, Sources and Reuse – **Dan Hardin**, Texas Water Development Board

Lunch on your own

- Casing/ cementing and well integrity - **Tom Tomastik**, Ohio Department of Natural Resources
- Introductory Description of Hydraulic Fracturing - **Lloyd Hetrick**, Newfield Energy
- Ground Water Baseline Testing for New Oil and Gas Activities – Why? What’s Important? How to conduct? - **Wilma Subra**, Subra Company
- Baseline Water Well Testing Standard for Coalbed Methane Operations in Alberta- **Brent Bowerman**, Baseline Water Resource Inc.
- Tracking Water Quality of Wells in the Vicinity of Hydraulic Fracturing Operations in Colorado Using the RBDMS Water System– **Paul Jehn**, GWPC
- Development of “Greener” Alternatives - **Greg Bradley**, Dow Microbial Control
- Open discussion of new technologies, processes related to hydraulic fracturing

Tuesday, January 24th Registration Opens 7:00 AM Bluebonnet Foyer

8:00 AM-9:00 AM	Bluebonnet A Opening General Session Welcome from Stan Belieu , Nebraska Oil & Gas Conservation Commission, GWPC President Ann Codrington –Director, USEPA Drinking Water Protection Division, Office of Ground Water & Drinking Water Dewayne Quertermous , Sierra Club	
	Bayou Ballroom General UIC Issues	Bluebonnet A Hydraulic Fracturing
9:00 AM-10:10 AM	CO ₂ Geosequestration: Updates on federal implementation, state primacy and program needs Moderator: Jimmy Sparks , Mississippi Department of Environmental Quality <ul style="list-style-type: none"> • Status of DI programs and state primacy applications –Lisa McWhirter, USEPA • Advancing GS Projects Under a New Regulatory Regime - Bob Van Voorhees, Carbon Sequestration Council • Class VI UIC Program Implementation and permitting- Molly Bayer, USEPA • A Generic Standard for Underground injection of CO₂- Michael Leering, CSA Standards 	Regulation of hydraulic fracturing Moderator: Stan Belieu , Nebraska Oil & Gas Conservation Commission <ul style="list-style-type: none"> • Chemical disclosure at the state level- John Veil, Veil Environmental • NY SGEIS: Lessons learned, a process for interagency and inter-department collaboration.- Don Drazan, New York Department of Environmental Conservation • Results of the GWPC Research on Alleged Contamination Incidents from oilfield activities: Final Report- Scott Kell, Consulting Geologist

10:10 AM- 10:30 AM Break Bluebonnet Foyer

10:30 AM-12:00 PM	<ul style="list-style-type: none"> • Update on the EPA Class VI Data System- Joe Tiago, USEPA • Methane Farming through Use of Indigenous Microbes - Roland P. DeBruyn, Luca Technologies Inc. • Updates on the activities of the UIC National Technical Workgroup – Susie McKenzie, USEPA Region 6 • Update on the changes to the API Well Numbering System – Donald Drazan, New York Department of Environmental Conservation 	Updates of ongoing and recent hydraulic fracturing studies: Moderator: Mike Paque , GWPC <ul style="list-style-type: none"> • The USEPA Hydraulic Fracturing Study- Bruce Kobelski, USEPA • Methane occurrence in water wells overlying the Marcellus- Lisa Molofsky, GSI Environmental, Inc. • A Geochemical Context for Stray Gas Investigations in the Northern Appalachian Basin: Implications of Analyses of Natural Gases from Quaternary-through-Devonian-Age Strata - Fred Baldassare, ECHELON Applied Geoscience Consulting
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12:00 PM- 1:30 PM Lunch

Bluebonnet B

Guest Speaker
Rich Haut,
 Environmentally Friendly Drilling



Thanks to our lunch sponsor!



Tuesday, January 24th continued

<p>1:30 PM- 2:30 PM</p>	<p>Bayou Ballroom Class I UIC Wells, Moderator: Lindsey Taliaferro Ohio EPA (An open forum on issues related to Class I UIC Wells)</p> <ul style="list-style-type: none"> UIC Class I Program Priorities for 2012- Bob Van Voorhees, Underground Injection Technology Council 	<p>Bluebonnet A</p> <ul style="list-style-type: none"> University of Texas Hydraulic Fracturing Study J.P. Nicot, Texas Bureau of Economic Geology The Parker County, Texas Study- Peter Pope, Texas Railroad Commission Update on GAO’s Plan to Study Unconventional Reservoir Resources and Identify Risks Associated with Hydraulic Fracturing, Jay Spaan, U.S. General Accounting Office Question and answer session
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2:30 PM-3:00 PM Break Bluebonnet Foyer

<p>3:00 PM- 5:00 PM</p>	<p>Bayou Ballroom Class III and V Wells, Moderator: Ben Knape, Texas Commission on Environmental Quality (An open forum on issues related to Class III and V UIC Wells)</p> <ul style="list-style-type: none"> Class V in Texas: Bryan Smith, Texas Commission on Environmental Quality ASR Impediments: John Meyer, Texas Water Development Board <p>General Discussion Topics:</p> <ul style="list-style-type: none"> EPA ASR Studies Flowing Class III and V Date to USEPA Aquifer Exemptions Issues for Class III and V Decentralized Waste Water Initiatives- Implications for Class V programs Stormwater Disposal- Class V Issues 	<p>Bluebonnet A Class II Wells, Moderator: Mark Bohrer, North Dakota Industrial Commission (An open forum on issues related to Class II UIC Wells)</p> <ul style="list-style-type: none"> Propagation of Hydraulic Fractures in the Subsurface: A Multi-basin study- Kevin Fisher, Flotek Induced seismicity resulting from underground injection operations: A UIC National Technical Workgroup study- Susie McKenzie, USEPA Region 6 BLM Legacy Wells: Environmental Hazards and Eyesores – Cathy Foerster, Alaska Oil and Gas Commission
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5:30 PM- 7 PM Reception— Bluebonnet B: Sponsored in part by...



Wednesday, January 25th Registration Opens 7:00 AM Bluebonnet Foyer

8:00 AM-9:00 AM	<p>Bluebonnet Ballroom A</p> <p>State EPA UIC Issues Roundtable Lindsey Taliaferro, MDEQ and a Bruce Kobelski: Moderators <i>(State and EPA Regulators Only Please)</i></p>		
9:00 AM-10:00 AM	<p>Bluebonnet Ballroom A</p> <p>Class VI Permitting: Addressing Specific Rule Requirements: USEPA GS Implementation Team, HQ</p>	9:15 AM – 12:30 PM	<p>Bluebonnet Ballroom B</p> <p>The FracFocus Chemical Disclosure System: Training for Participating Companies</p> <ul style="list-style-type: none"> • The FracFocus system: Its design, features and purposes- Mike Nickolaus, GWPC • Introduction to the Texas rule concerning chemical disclosure- Leslie Savage, Railroad Commission of Texas • How to register a company and manage users in the system- Mark Layne, ALL Consulting • 10:45 AM- 11:00 AM Break: Bluebonnet Foyer • How to download and complete the template and upload records in FracFocus- Brian Woodard, Chesapeake Energy • Managing records and common problems encountered- Mark Layne, ALL Consulting • Question and answer session

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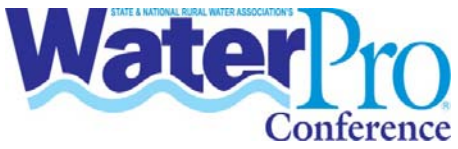
Ground Water Protection Council

<i>Annual Forum</i>		
Groundwater Availability & Sustainability	Groundwater Energy Sustainability	Groundwater Quality

Call for abstracts coming soon... www.gwpc.org



National Rural Water Association



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Gaylord Opryland Resort -- September 23-26, 2012 -- Nashville, Tennessee