

2013 National Ground Water Association Expo

- When:** December 3-6, 2013
- Where:** Nashville, Tennessee
- Cost:** \$150 member/\$275 non-member
- Contact:** Barbette Howell 614-898-7791 x568 telephone, 614-898-7786 fax

The courses for December 3-4 were reviewed April 18; courses for December 5-6 were reviewed June 26, 2014. Continuing Education Credit (CEC) for the courses that comprise this event have been assigned as follows:

- **“Borehole Cameras as a Well Rehabilitation Tool” one (1) hour.** The instructor was Steve Strong, Laval Underground Surveys. **One (1) CEC.**
- **“Mobile Workforce Telecommunications Technology” one (1) hour.** The instructor was Drew Vupaar, Ernst and Young. **One (1) CEC.**
- **“Solar Powered Pump Sizing and “Applications” one (1) hour.** The instructor was Eric Macias, Gicon Pumps & Equipment. **One-half (0.5) CEC.**
- **“Hydraulic Fracturing and Flexible Drop Pipe: How Lay Flat Hoses are Changing the Way Water is Supplied to the Fracking Industry” one (1) hour.** The instructor was Tanner Tryon, Hose Solutions. **one (1) CEC.**
- **“The Grateful Tread” one (1) hour.** The instructor was Jim Wright, National Exploration, Wells, Pumps. **One (1) CEC.**
- **“Components and Benefits of Properly constructed Wells” one (1) hour.** The instructor was Steve Schneider, MGWC, Schneider Water Services. **One (1) CEC.**
- **“Contracts Can Make or Break a Project: ConsensusDocs can Help” one (1) hour.** The instructor was Carrie L. Gillberto, Esq, ConsensusDocs. **One (1) CEC.**
- **“Drilling and Production Thread Compounds” one (1) hour.** The instructors were Mike Melancon, Jet-Lube and Joe Large, Jet-Lub Inc. **one (1) CEC.**
- **“Hours of Service” one (1) hour.** The instructor was Gary LaBrake, On the Road. **One (1) CEC .**
- **“How to Select a Pressure Transducer for Your Groundwater or Surface Water Monitoring” one (1) hour.** The instructor was Bill Mann, In-Situ Inc. **One (1) CEC.**
- **“Ownership Succession Planning” one (1) hour.** The instructor was Kelly Finnell, J.D. CLU, AIF, Executive Financial Services, Inc. **one (1) CEC.**
- **“Reducing Well Life Cycle Pumping Cost with Intelligent Variable Frequency Drives” one (1) hour.** The instructor John Edwards, Motor Controls Inc. **One-half (0.5) CEC.**
- **“Effluent Pumps for Onsite Wastewater Treatment” one (1) hour.** The instructor was Tom Stephan, Goulds Water Technology. **One-half (0.5) CEC.**
- **“Groundwater Well Systems as an Integral Part of Surface Water Planning, one (1) hour.** The instructor was Kathleen M. Wiseman, Water Systems Engineering Inc. **One (1) CEC.**

- **“Innovative Techniques for Conducting a Low-Flow Groundwater Sampling Event” one (1) hour.** The instructor was John Murray, In-Situ Inc., Fort Collins, CO. **One (1) CEC.**
- **“Mud Rotary Drilling” one (1) hour.** The instructor was Roger E. Renner, MGWC, E.H. Renner & Sons, Inc., Elk river, MN. **One (1) CEC.**
- **“OSHA’s Globally Harmonized System of Classification and Labeling of Chemicals” one (1) hour.** The instructor was Denis Crayon, Certified Health & Safety Technician, Experience Safety Institute, Bridgewater, NJ. **One (1) CEC.**
- **“Transporting Hazardous Materials” one (1) hour.** The instructor was Gary LaBrake, On the Road, Branford, CT. **One (1) CEC.**
- **“Air Rotary Drilling” one (1) hour.** The instructor was Richard Thron, MFWC, Mantyla Well Co., Stillwater, MN. **One (1) CEC.**
- **“Aquifer Characterization Test and Pressure Transducer Data Collection” one (1) hour.** The instructor was Bill Mann, In-Situ Inc., Fort Collins, CO. **One (1) CEC.**
- **“Better Wells with Chemicals – Rehabilitation Solutions” one (1) hour.** The instructor was Kevin McGinnis, Cotey Chemical Corp., Lubbock TX. **One (1) CEC.**
- **“Hydrogeology 101” one (1) hour.** The presenter was W. Richard Laton, Ph.D., P.G., CPG., California State University-Fullerton, Santa Ana, CA. **One (1) CEC.**
- **“Submersible and Jet Pump Troubleshooting” one (1) hour.** The instructor was Chris Preston, Xylem Inc., Morton Grove, IL. **One –half (0.5) CEC.**
- **“Treat Your Business Like an Investment and Retire on Your Terms” one (1) hour.** The instructor was Tim McDaniel, Rea & Associates, Dublin, OH. **One (1) CEC.**
- **“Writing an Effective Resume” one (1) hour.** The instructor was Melissa Lenczewski, Ph.D, Northern Illinois University. **One (1) CEC.**
- **“Groundwater Occurrence and Aquifer Types”, December 3, 2013.** The instructor was Thom Hanna, RPG, Johnson Screens, Evergreen CO. **One (1) CEC.**
- **“How to Properly Use Water Quality Instrumentation to Characterize Groundwater Accessed by Direct Push Technologies” one (1) hour.** The instructor was Laura St Pierere, YSI Inc., Yellow Springs OH. **One (1) CEC.**
- **“The Misuse of Chlorine in Wells and Pipelines: Is More Really Better”? one (1) hour..** The instructor was David T. Hanson, Design Water Technologies, Shorewood, MN. **One (1) CEC.**
- **“Understanding Health Care Reform: What Employers Need to Know” one (1) hour.** The instructor was John Friend, the Fedeli Group, Independence, OH. **One (1) CEC.**
- **“VFD Troubleshooting” one (1) hour.** The instructor was Kyle Schoenheit, Goulds Water Technology, A Xylem Brand, Seneca Falls, NY. **One-half (0.5) CEC.**
- **Cost-Effective Tools for Investigations and Remedial Applications – Direct Push ‘Technology’ three and one-half (3.5) hours.** The instructor was Branch Manchon, Janeil Environmental Solutions, Houston, TX. **Four (4) CEC’s.**
- **“Functions and Properties of Drilling Fluids” one (1) hour.** The instructor was Jeff Blinn, Baroid Industrial Drilling Products, Halliburton, Houston, TX. **One (1) CEC.**
- **“Harmonics – Clean Power at the End of the Line” one (1) hour, December 3, 2013.** The instructor was Larry R Stanley, ABB Inc., Fairview, TN. **One-half (0.5) CEC.**
- **“How Using NGWA Business Tools Can Increase Your Profits” one (1) hour.** The

instructor was Jessica Roads, NGWA, Westerville, OH.

One (1) CEC.

- **“NGWA’s Hydrogeologic Guidelines for Large-Scale Geothermal Heat Pump Installations” one (1) hour.** The instructor was Kevin B. McCray, CAE, National Ground Water Association, Westerville, OH. **One (1) CEC.**
- **“U.S. Army Corps of Engineers – What We Do/Who We Are, one (1) hour.** The instructor was Ethan Weikel, PG, Geology & Investigations Section, USACE Baltimore District, Baltimore, MD. **One (1) CEC.**
- **“Vehicle Inspections and Maintenance” one (1) hour, December 3, 2013.** The instructor was Gary LaBrake, On the Road, Branford CT. Angela Garner motioned to assign **1 (one) CEC.**
- **“Geophysical Well Logging for Water Wells (Tools for Downhole Diagnostics)” one (1) hour. One (1) CEC.**
- **“Geothermal Vaults” one (1) hour.** The instructor was Kukhi Dhillon, Sales, KWH Pipe, Mississauga, ON, Canada. **One (1) CEC.**
- **“Proper Cargo Securement for the Groundwater Industry” one (1) hour.** The instructor was Roger E. Renner, MGWC, E.H. Renner & Sons Inc., Elk River MN. **One (1) CEC.**
- **“Specifying Water Pumps, Motors and Pump Panel Controls for Optimal Performance and Lowest Cost” one (1) hour.** The instructor Timothy Albers, Nidec Motor Corporation, St Louis, MO. **One-half (0.5) CEC.**

- **“Groundwater Availability in Karst Aquifers of the Southeastern United States”;** **one and one-half (1.5) hour, December 4, 2013.** The class was divided into four (4) parts, each approximately twenty (20) minutes in length as follows: **Mathematical Model Approach for Karst Aquifers**; the instructor was Eve L. Kuniansky, U. S. Geological Survey;
- **Groundwater Availability Study of the Floridan Aquifer System,** the instructor was Andy O’Reilly, Florida Integrated Science Center, U. S. Geological Survey; or.
- **“Groundwater Development Issues in Complex Aquifers of Tennessee, Alabama, and Kentucky”,** the instructors were Michael Bradley, U.S. Geological Survey and John K Carmichael, Water Resources Division, U.S. Geological Survey; **Microbes, Biogegradation, and Contaminant Transport in Karst Aquifers,** the instructor was Tom Byl, U.S. Geological Survey; **Discussion,** instructor was Eve L. Kuniansky, U.S. Geological Survey. **One and one-half (1.5) CEC’s.**

- **“High Capacity Well Design, one and one-half hour (1.5), December 4, 2013,** the instructor was Donald Hanson, Clear Creek Associates. **One and one-half (1.5) CEC’s.**
- **“NGWA Washington Update”, one and one-half (1.5) hour.** The instructor was Christine Reimer, Director NGAW Government Affairs Program. Warren motioned to assign **one and one-half (1.5) CEC’s.**
- **“Engineering a Better Gravel Pack” one and one-half (1.5) hour.** The instructor was Reomjard A. Klaus, Hydrogeologist, Sigmund Linder. **One and one-half (1.5) CEC’s.**
- **“Properly Conducting a Pump Test” one and one-half (1.5) hour.** The instructor was David L. Kill, ITT, Shoreview, MN. **One and one-half (1.5) CEC’s.**

- **“Protecting and Preserving the Private Well Option: A Success Story”, one and one-half (1.5) hour.** The instructor was Phillip Bednarek, MGWA Board, MGWA, Grand Rapids, MI. **One and one-half (1.5) CEC’s.**
- **“Planned Giving”, one (1) hour.** The instructor was F. David Resch, Resch and Root LLC. **One (1) CEC.**
- **“State Groundwater Management and Policy: A Two-State Scientific Perspective”, one (1.0) hour.** The instructors were Maron Coe, Hydrogeology Group, Geological Survey of Alabama, and David W. “Woody” Hicks, Joseph W. Jones Ecological Research Center, Newton, GA. **One (1) CEC.**
- **“ANSI/NGWA Water Well Construction Standard: Siting to Sampling”, two (2) hours.** The instructors were Jessica Rhoads, Industry Practices Administrator of NGWA, Steven B. Gross, PMA, PE, R&D and Technical Services, CertainTeed, Valley, PA, Kevin McGillicuddy, Roscoe Moss Co, Los Angeles, CA., and Tom Christopherson, Program Manager, Water Well Standards Program, Nebraska. **Two (2.0) CEC’s.**
- **“Driver Qualifications and Fitness – Complying with the FMCSA Program” two (2) hours.** The instructor was Gary LeBrake, On the Road. **Two (2.0) CEC’s.**
- **“Hydrogeologic Logging and Lab” two (2) hours.** The instructor was Thomas Hanna, RPG, Johnson Screens. **Two (2.0) CEC’s.**
- **Innovative Drilling Fluid Concepts for Vertical Drilling Applications” two (2) hours.** The instructor was George M. Dugan, CETCO Drilling Products. **Two (2.0) CEC’s.**
- **“OSHA and Us, Are We There Yet?” two (2) hours.** The instructor was Dennis Crayon, Certified Health & Safety Technician, Experience Safety Institute. **Greg two (2.0) CEC’s** in the safety category.
- **“Hand Protection – One Glove Does Not Fit All (Jobs)” two (2) hours.** The instructor William Glenn Jr., PG, Trihydro Corporation. **Two (2.0) CEC’s** in the safety category.