

2012 Oregon Ground Water Association Spring Technical Seminar

When: March 16-17, 2012

Where: Holiday Inn Portland South
25425 SW 95th Avenue
Wilsonville, Oregon 97070

Cost: \$155 member/\$185 non member

Contact: for more information contact Nancy Sippel at: telephone: 503 390-7080; fax: 503 390-7088; e-mail: nancy@ogwa.org

Application for continuing education credits have been submitted for the following courses that comprise this event:

- **“Update on Ground Water Issues Around the State – City of Mosier and surrounding area, Klamath Basin & Umatilla Basin”** one (1) hour, March 16, 2012. The instructor is Ivan Gall, Oregon Water Resources Department (OWRD). **One (1) CEC in the OR gw/well laws category.**
- **“New Well Log Web Submittal and Online Start Card Purchasing Changes”** one (1) hour, March 16, 2012. The instructor is Ken Smith, OWRD. **One (1) CEC in the OR gw/well laws category.**
- **“Ultraviolet Light 101 – UV disinfection basics”** one (1) hour, March 16, 2012. The instructor is Robert Woodland, VIQUA. **One (1) CEC.**
- **“Borehole Cameras in Action – use of cameras around the world”** one (1) hour, March 16, 2012. The instructor is Steve Strong, Laval Underground Surveys. **One (1) CEC.**
- **“Motor Starter Technology – components of a starter, controlling the starter & motor protection”** one (1) hour, March 16, 2012. The instructor is Ben Song, Cerus Industrial. **0.5 CEC.**
- **“Wire Line Core Drilling – overview of drilling fluids used in exploration drilling and geotechnical investigations”** one (1) hour, March 16, 2012. The instructor is Kirby Donald, Baroid. **One (1) CEC.**
- **“Best Practices for Water Treatment Installation”** one (1) hour, March 16, 2012. The instructor is Allen Hurtado, Water-Right, Inc. **One (1) CEC.**
- **“New Laws for 2012 That May Affect Your Business and Surviving an OSHA Audit”** one (1) hour, March 16, 2012. The instructor is David Davidson, Oregon Home Builders Association. **One (1) CEC.**
- **“Call Before you Dig – know what’s below”** one (1) hour, March 16, 2012. The instructor is Don Patterson, NW Natural. **One (1) CEC.**
- **“Overcoming Iron Bacteria in Wells – a new perspective”** one (1) hour, March 16, 2012. The instructor is Steve Strong, Laval Underground Surveys. **One (1) CEC.**
- **“Earth Shaking Water Well Drilling in Haiti”** one (1) hour, March 17, 2012. The instructor is Arron Swenson. **One (1) CEC.**

- **“Umatilla Basin Aquifer Restoration Effort – using aquifer recharge as a tool for long-term ground water sustainability”** one (1) hour, March 17, 2012. The instructor is J.R. Cook, Umatilla Basin Water Commission. **One (1) CEC.**
- **“Continuing Education Workshop – review of the OWRD continuing education program and the new Construction Contractors Board (CCB) continuing education requirements and how to comply”** one (1) hour, March 17, 2012. The instructor is Jerry Schmidt, Oregon Water Consultants. **One (1) CEC in the OR gw/well laws category.**
- **“Ground Source Heat Pump Boring Rules Come to Oregon”** one (1) hour, March 17, 2012. The instructors are Malia Kupillas, Pacific Hydro Geology and Kevin Gill, Clouser Drilling. **One (1) CEC in the OR gw/well laws category.**
- **“Water Treatment Workshop – an overview of the water treatment licensing requirements”** one (1) hour, March 17, 2012. The instructor is Mark Scheufler, United Pipe & Supply Company. **One (1) CEC.**
- **“Drill Bit Selection and Operation”** one (1) hour, March 17, 2012. The instructor is Roger Mousley, Sandvik Mining and Construction. **One (1) CEC.**
- **“Meters, Megers and Beyond Workshop”** one (1) hour, March 17, 2012. The instructor is Paul Christensen, Christensen Well Drilling. **One (1) CEC.**
- **“Water and the Well – a look back at well construction & customer relations in the 60’s”** one (1) hour, March 16, 2012. This is a video presentation by the OGWA Archives Committee. **One (1) CEC.**