

MINUTES
Well Constructor Continuing Education Committee
Wednesday, May 19, 2009

Committee Members Present: Dennis Daugherty, Mike Waldroop, Kris Byrd
Others Present: Tracy Fox, Juno Pandian

A) Cont. Ed. Committee Meeting Minutes

The draft minutes from the February 20, 2009, meeting were reviewed. Waldroop motioned to approve the draft minutes as is, Daugherty seconded. The vote was all in favor.

B) Other Issues

- Staff informed the Cont. Ed. Committee that a full waiver has been granted to a driller who is on active military duty.

C) Review of Applications

The Cont. Ed. Committee reviewed the course application for the **“Ground Source Heating & Cooling for Residential and Commercial Properties”** workshop held **April 24, 2009, in Wilsonville, Oregon (OR)**. The course was sponsored by the **American Ground Water Trust**. The course was reviewed as follows:

- **“Introduction” 20 minutes**, by Garrett W. Graaskamp. Daugherty motioned **not to assign CEC**, Byrd seconded. The vote was all in favor.
- **“State Energy Initiatives – Ground Source Energy Overview” 30 minutes**. The instructor was Michael Graine, Oregon Department of Energy. Byrd motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.
- **“The Status of the “Geothermal” Industry” 50 minutes**. The instructor was John Dibble, ClimateMaster. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
- **“Ground Source Earth Coupling Design Principles” 50 minutes**. The instructor was Sean Dillon, WaterFurnace International Inc. Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
- **“Ground Source Heat Pumps-The Fundamentals” 50 minutes**. The instructor was Conrad Brown, PAE Consulting Engineers. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
- **“Geexchange Well Construction for Thermal Efficiency and Environmental Protection” 40 minutes**. The instructor was Matthew Winfield, Geodyne. Waldroop motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.
- **“Economic Success Stories – The Payback – Residential, Commercial and Industrial” 50 minutes**. The instructor was John Geyer, Northwest Geothermal. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
- **“Geexchange System Installations The Leed Perspective” 45 minutes**. The

instructor was Chris Forney, Brightworks. Byrd motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

- **“Case Studies in Oregon State – Geoexchange Installations – Prospects for Growth” 45 minutes.** The instructor was Edward Butts, 4B Engineering and Consulting. Byrd motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor. Note: Juno Pandian noted this presentation did not take place.
- **“Geoexchange Installations State and Local Rules and Regulations” 40 minutes.** The instructor was Juno Pandian, Oregon Department of Water Resources. Daugherty motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for the **“Limited Pump Installers Specialty License Course” 30 hours, April 19-22, 2009, in Roseburg, OR.** The course was sponsored by **Umpqua Community College.** Daugherty motioned to assign **15 CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for the **“Regional Excavation Law Update” (aka Dig Safely Oregon) four (4) hours.** The course is sponsored by the **Oregon Utility Notification Center (OUNC).** The course will be held twice a year in various locations. At this time there is no fee, but it is possible that might change. Byrd motioned to assign **four (4) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the following course applications as part of the **2009 Washington Hydrogeology Symposium, held April 28-30, 2009, in Tacoma, Washington:**

- **“Sonic Drilling Method” one (1) hour, April 30, 2009.** The instructors were Pete Larson and Dale Abernathy, Boart Longyear. Byrd motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.
- **“Hollow Stem Auger Drilling Demo” one (1) hour, April 30, 2009.** The instructor was Jim Pender, Cascade Drilling, Inc. Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
- **“Push Probe Drilling” and “Aquifer Pump Testing” together one (1) hour, April 30, 2009.** The instructors were Don Harnden, ESN Northwest and Ken Johnson, USGS. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

D) Review of Documentation

Rick Young Seidemann, #10431, submitted:

- Documentation for a **“UST Systems Overview” webinar (Unit 4), two (2) hours, held March 19, 2009.** The course was sponsored by the **Oregon Department of Environmental Quality (OR DEQ).** Waldroop motioned **not to assign CEC**, Daugherty seconded. The vote was all in favor.
- Documentation for a **“Site Safety” webinar (Unit 2), one (1) hour 30 minutes, held March 17, 2009.** The course was sponsored by the **OR DEQ.** Daugherty

motioned to assign **1.5 CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- Documentation for a **“Closure/Overfills” webinar (Unit 5), two (2) hours, held March 24, 2009**. The course was sponsored by the **OR DEQ**. Waldroop motioned **not to assign CEC**, Daugherty seconded. The vote was all in favor.
- Documentation for a **“Asbestos Inspector Refresher Course” four (4) hours, held April 23, 2009**. The course was sponsored by **PBS**. Byrd motioned **not to assign CEC**, Waldroop seconded. The vote was all in favor.
- Documentation for a **“One-Call Contractor’s Breakfast” one (1) hour 30 minutes, held October 31, 2008, in Roseburg, OR**. The course was sponsored by the **Douglas County Utility Coordinating Council**. Byrd motioned to assign **1.5 CECs**, Waldroop seconded. The vote was all in favor.

Gary Coonse, #1780, submitted:

Documentation for a class sponsored by United Pipe & Supply Inc. held **March 10, 2009, in Boise, Idaho**. The course was reviewed as follows:

- **“Rules & Regulations” two (2) hours**. Waldroop motioned **not to assign CEC**, Daugherty seconded. The vote was all in favor.
- **“Geology & Geothermal Completions” two (2) hours**. Byrd motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.
- **“Bentonite Grouting” two (2) hours**. Daugherty motioned to assign **two (2) CECs**, Byrd seconded. The vote was all in favor.
- **“Casing Advancement Systems for Down the Hole Hammer” two (2) hours**. Waldroop motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.

John Jones, #1617 submitted:

Documentation for the course **“2009 Irrigation Training Seminar” seven (7) hours**, sponsored by **Mitchell, Lewis, & Staver and the Pentair Water Training Institute**, held **March 24, 2009, in Wilsonville, Oregon**. Daugherty motioned to assign **3.5 CECs**, Byrd seconded. The vote was all in favor.

Mike Golberg, #10600, submitted:

Documentation for an **“In-Situ Remediation Technologies Seminar” four (4) hours, February 24, 2009**. The sponsor was **Cascade Drilling, Inc.** Daugherty motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.

Josh Burrows, #10054, submitted:

Documentation from the **Idaho Ground Water Association’s (IGWA) North Idaho Workshop**, held **March 13, 2009, in Post Falls, Idaho**. The courses were reviewed as follows:

- **“New Idaho Well Construction Rules – History of/Necessity for” one (1) hour**. Waldroop motioned **not to assign CEC**, Byrd seconded. The vote was all in favor.

- **“New Idaho Well Construction Rules – Economics of Surface Seals” one (1) hour.** Byrd motioned **not to assign CEC**, Daugherty seconded. The vote was all in favor.
- **“Propane & Fuel Safety” one (1) hour.** Waldroop motioned to **assign one (1) CEC**, Byrd seconded. The vote was all in favor.
- **“Idaho Well Construction Rules Enforcement Policy” one (1) hour.** Daugherty motioned **not to assign CEC**, Waldroop seconded. The vote was all in favor.
- **“New Idaho Well Construction Rules – Sealing & Sand Production” one (1) hour.** Daugherty motioned **not to assign CEC**, Byrd seconded. The vote was all in favor.
- **“New Idaho Well Construction Rules – Economic Impacts of Formation Sealing & Comparison of Rules to DEQ Standards” one (1) hour.** Daugherty motioned **not to assign CEC**, Byrd seconded. The vote was all in favor.
- **“Small Business & Our Current Economic Conditions” one (1) hour.** Byrd motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.
- **“Roundtable on New Idaho Well Construction Rules” one (1) hour.** Byrd motioned **not to assign CEC**, Daugherty seconded. The vote was all in favor.

Sam Kingrey, #1899 submitted:

Documentation from the **Idaho Ground Water Association’s (IGWA) 2008 Annual Summer Retreat, held August 26-28, 2008, in Jackpot, Nevada.** The courses were reviewed as follows:

- **“Understanding Your Well Problems” two (2) hours, August 27, 2008.** The instructor was Dave Hansen, Design Water Technologies. Byrd motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.
- **“All You Need to Know About Pipe Threads” one (1) hour, August 27, 2008.** The instructor was Kyle Widdison. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
- **“Remote Access Technologies for Drilling and Pump Equipment” one (1) hour, August 27, 2008.** The instructor was Rick Patton. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.
- **“Grouting and Placement in Wells-Panel” one (1) hour 30 minutes, August 27, 2008.** Byrd motioned to assign **1.5 CECs**, Waldroop seconded. The vote was all in favor.
- **“The Benefits of Quickbooks for Your Business” one (1) hour, August 27, 2008.** The instructor was staff from Integrity Computer Consulting. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

- **“What’s New In The Pump Industry?” one (1) hour, August 27, 2008.**
Waldroop motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.

E) Public Comment

There was no public comment.

F) Future Meeting

TBA

Adjourn