

MINUTES
Well Constructor Continuing Education Committee
Monday, October 3, 2011

Committee Members Present: Angela Garner, Greg McInnis, Dennis Daugherty, Kris Byrd, (note: Dennis Daugherty was present via teleconference call)
Others Present: Tracy Fox, Juno Pandian, Nancy Sippel

A) Cont. Ed. Committee Meeting Minutes

The draft minutes from the June 3, 2011, meeting were reviewed. McInnis motioned to approve the draft minutes as is, Garner seconded. The vote was all in favor.

B) Other Issues

Staff distributed copies of waivers, that have been granted and denied since the last meeting, to the Committee.

C) Review of Applications

The Cont. Ed. Committee reviewed the courses that will comprise the **“2011 OGWA Fall Convention”** scheduled for **October 7-8, 2011**, in **Warm Springs, Oregon (OR)**. The convention is sponsored by the **Oregon Ground Water Association (OGWA)**. The courses were reviewed as follows:

- **“Diesel Engine Maintenance and Emission Changes” one (1) hour, October 7, 2011.** The instructor is Tom Bittler, Peterson CAT. McInnis motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
- **“Describing Well Cuttings From Bedrock Wells” one (1) hour, October 7, 2011.** The instructor is Karl Wozniak, Oregon Water Resources Department (OWRD). Garner motioned to assign **one (1) CEC in the OR gw/well laws category**, Byrd seconded. The vote was all in favor.
- **“Iron & Manganese Treatment” one (1) hour, October 7, 2011.** The instructor is Allen Hurtado, United Pipe & Supply Company. Garner motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.
- **“Significant Clay Beds (Panel Discussion)” one (1) hour, October 7, 2011.** The panel consists of Ivan Gall & Kris Byrd, OWRD; Greg Kupillas, Pacific Hydro-Geology; and Floyd Sippel, Sippel Well Drilling. Garner motioned to assign **one (1) CEC in the OR gw/well laws category**, McInnis seconded. The vote was all in favor.
- **“Chemical Feed Pump Application” one (1) hour, October 7, 2011.** The instructor is Michael L. Smith, Pulsafeeder, Inc. McInnis motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.
- **“Unemployment Insurance – Understanding Claims” one (1) hour, October 7, 2011.** The instructor is Tina Frolov, Oregon Employment Department. Garner motioned

- to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
- **“Evaluating and Managing Noise in the Workplace” one (1) hour, October 8, 2011.** The instructors are Peggy LaVaque and Andy Haymart, Associated General Contractors. Byrd motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
 - **“Evaluating Your Bidding Process” one (1) hour, October 8, 2011.** The instructor is Bob Petersen, United Pipe & Supply Company. Garner motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.
 - **“Geothermal Grouting” one (1) hour, October 8, 2011.** The instructor is Bob Oliver, CETCO. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
 - **“Remember When Constant Pressure Was Easy” one (1) hour, October 8, 2011.** The instructor is Curt James, United Pipe & Supply Company. Garner motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.
 - **“The Role of Water Well Drillers in the Chile Miners Rescue” one (1) hour, October 8, 2011.** The instructor is Paul Christensen, Christensen Well Drilling. Garner motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the courses that will comprise the **“2011 CGA Fall Convention”** scheduled for **November 2-5, 2011, in Reno, Nevada (NV)**. The convention is sponsored by the **California Groundwater Association (CGA)**. The courses were reviewed as follows:

- **“Well Maintenance & Rehabilitation Workshop” four (4) hours, November 3, 2011.** The instructors are Jim Piasecki and Bob Oliver, CETCO. McInnis motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.
- **“Drilling Fluid Uses & Recycling Workshop” four (4) hours, November 3, 2011.** The instructors are Jim Piasecki, CETCO and Tony Tibban, Tibban Mfg, Inc. Garner motioned to assign **four (4) CECs**, Daugherty seconded. The vote was all in favor.
- **“Septic Pumps & Controls” one (1) hour, November 3, 2011.** The instructor is Kit Rosefield, California Onsite Wastewater Association. McInnis motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
- **“Inexpensive Marketing for Small Businesses” one (1) hour, November 3, 2011.** The instructors are Augie Guardino, Guardino Well Drilling and Mike Mortenson, CGA. McInnis motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
- **“Keeping Your Well Productive and Healthy” one (1) hour and 15 minutes, November 4, 2011.** The instructor is Bob Guardino, Water Well Technology & Welenco. Garner motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.
- **“Bulletin 74 Update (CA Water Well Construction Standards)” one (1) hour and 15 minutes, November 4, 2011.** The instructor is Jeremy Wire, Geoconsultants, Inc. Byrd motioned **not to assign CEC**, McInnis seconded. The vote was all in favor.
- **“Pump Efficiency” one (1) hour and 15 minutes, November 4, 2011.** The instructor is Tim Guishard, Tim Guishard Enterprises. Byrd motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.

- **“Tools of the Trade Demonstration: User Guidelines to Select ALL Water Filters” 30 minutes, November 4, 2011.** The instructor is Randy Delenikos, Lakos Separators. McInnis motioned not to assign CECs, Daugherty seconded. Discussion: might also be screens, more directly wells than pumps. McInnis amended his motion to assign **0.5 CEC**, Garner seconded. The vote was all in favor.
- **“Tools of the Trade Demonstration: Megging Motors and Splicing Techniques” 30 minutes, November 4, 2011.** The instructor is Matt Moore, Franklin Electric. Byrd motioned **not to assign CEC**, Daugherty seconded. The vote was all in favor.
- **“Tools of the Trade Demonstration: How to use the SymCom Informer diagnostic tool to trouble shoot single phase submersible systems in conjunction with SymCom PumpSavers” 30 minutes, November 4, 2011.** The instructor is Bob Pelikan, SymCom. McInnis motioned **not to assign CEC**, Byrd seconded. The vote was all in favor.
- **“Tools of the Trade Demonstration: Deviation Logs – more than meets the eye” 30 minutes, November 5, 2011.** The instructors are Michael Guardino and Ozman Trad, Welenco Inc. Byrd motioned to assign **0.5 CEC**, Garner seconded. The vote was all in favor.
- **“Drill Smart, Drill Safe” one (1) hour, November 5, 2011.** The instructor is Dan Meyer, National Ground Water Association (NGWA). McInnis motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the courses that will comprise the **“WSGWA 2011 Fall Convention”** scheduled for **October 13-15, 2011**, in **Everett, Washington (WA)**. The convention is sponsored by the **Washington State Ground Water Association (WSGWA)**. The courses were reviewed as follows:

- **“Wersbo Certification/Electrical Permitting & Citations” eight (8) hours, October 13, 2011.** The instructors are Roger Chick, WA Department of Labor & Industries; Shawn Waters, Wersbo; and Cal Swift, Swift Plumbing. Note: per WSGWA three of the eight hours are universal and five are pertinent to WA. McInnis motioned to assign **1.5 CECs**, Byrd seconded. The vote was all in favor.
- **“Boosting Your Business with a More Powerful Website” two (2) hours, October 14, 2011.** The instructor is Jim Rosemary, New Web Tech. McInnis motioned to assign **two (2) CECs**, Garner seconded. The vote was all in favor.
- **“Roundtable Working Breakfast” one (1) hour, October 15, 2011.** Note: There will be an assigned topic and moderator at each table. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
- **“Simple Additions That Upgrade Your Rig’s Performance” two (2) hours, October 15, 2011.** The instructor is Fred McAninch, The Rig Doctor. Garner motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.
- **“Piping & Motors for Pump Installers” eight (8) hours, October 15, 2011.** The instructors are Roger Chick, WA Dept. of Labor & Industries and Cal Swift, Swift Plumbing. Byrd motioned to assign **four (4) CECs**, Daugherty seconded. The vote

was all in favor.

The Cont. Ed. Committee reviewed the course **“Ground Source Heating and Cooling” aka “Using the Earth’s Renewable Energy”** scheduled for **November 3, 2011**, in **Portland, OR**. The course is sponsored by the **American Ground Water Trust (AGWT)**. The course was reviewed as follows:

- **“Introduction” 15 minutes** by Jacqueline Daoust, AGWT. **McInnis motioned not to assign CEC**, Byrd seconded. The vote was all in favor.
 - **“State Energy Initiatives – Ground Source Energy Overview” 30 minutes**. The instructor is Maureen Bock, Oregon Department of Energy. McInnis motioned to assign **0.5 CEC**, Garner seconded. The vote was all in favor.
 - **“The Status of the “Geothermal” Industry” 50 minutes**. The instructor is John Dibble, ClimateMaster. Garner motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.
 - **“Ground Source Earth Coupling Design Principles” 50 minutes**. The instructor is Sean Dillon, WaterFurnace International Inc. Garner motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
 - **“Ground Source Heat Pumps – the Fundamentals” 50 minutes**. The instructor will be either Matthew Winfield, Geodyne or David Jennings, Rainier Renewable Energy. McInnis motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
 - **“Geexchange Installations – State and Local Rules and Regulations” 45 minutes**. The instructor is Juno Pandian, OWRD. Byrd motioned to assign **0.5 CEC in the OR gw/well laws category**, McInnis seconded. The vote was all in favor.
 - **“Grouts Formulated for Geothermal Heat Pump Applications” 50 minutes**. The instructor is Alan Skouby, GeoPro Inc. McInnis motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
 - **“Geexchange System Installations The Leed Perspective” 45 minutes**. The instructor is Nichole Isle, Brightworks. Garner motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.
 - **“Geexchange Well/Bore Construction” 45 minutes**. The instructor is David Wilson, Baroid IDP. Byrd motioned to assign **0.5 CEC**, Garner seconded. The vote was all in favor.
 - **“Economic Success Stories – The Payback – Residential Case Study” 40 minutes**. The instructor is John Geyer, Northwest Geothermal. Garner motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.
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The Cont. Ed. Committee reviewed the **“2011 Mud Drilling School”** held **August 23-25, 2011**, in **Parma, Idaho (ID)**. The course was sponsored by **Wyoben Inc.** and **Robertson Supply**. Garner motioned to assign **25.5 CECs**, McInnis seconded. The vote was all in

favor.

The Cont. Ed. Committee reviewed the following **online courses** sponsored by **The International School of Well Drilling**. Note: these were approved previously, that approval has expired.

- **“Well Development” one (1) hour.** McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
- **“Drilling Methods” two (2) hours.** Garner motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.
- **“Well Construction History” one (1) hour.** McInnis motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
- **“Well Abandonment” one (1) hour.** Garner motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
- **“Basic Geology & Groundwater” one (1) hour.** Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.
- **“Aquifer Storage and Recovery” one (1) hour.** Byrd motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
- **“Well Rehabilitation” two (2) hours.** Daugherty motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.
- **“Injection Wells” two (2) hours.** Garner motioned to assign **two (2) CECs**, Byrd seconded. The vote was all in favor.
- **“Geothermal Heating and Cooling Systems” two (2) hours.** McInnis motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.

D) Review of Documentation

- **Jeffrey Randalls #1819:**
 - Mr. Randalls submitted additional information for an **orientation course by Central Oregon Truck Company taken September 13-16, 2010**. Note: at the June 3, 2011, meeting no CECs were assigned to this course, Mr. Randalls was offered the opportunity to submit additional information. Based on the additional information provided, the Cont. Ed. Committee reviewed the course as follows:
 - **“Pre-employment Drug Test” 30 minutes, September 13, 2011.** McInnis motioned **not to assign CECs**, Byrd seconded. The vote was all in favor.
 - **“Safety Procedures” two (2) hours, September 14, 2011.** McInnis motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Daugherty seconded. The vote was all in favor.
 - **“Injury Prevention – Physical Capacities” one (1) hour, September 14, 2011.** Byrd motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Garner seconded. The vote was all in favor.
 - **“Class Room Safety Procedures” two (2) hours, September 14, 2011.** McInnis motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- **“Practical using actual tractor and trailer” one (1) hour, September 14, 2011.** Garner motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.
 - **“Skills Assessment” one (1) hour, September 14, 2011.** McInnis motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
 - **“Log Book Training” one (1) hour and 30 minutes, September 14, 2011.** McInnis motioned to assign **1.5 CECs**, Garner seconded. The vote was all in favor.
 - **“Paperwork” two (2) hours, September 15, 2011. McInnis motioned not to assign CEC, Byrd seconded. The vote was all in favor.**
 - **“Load Securement Skill training” one (1) hour and 30 minutes, September 15, 2011.** McInnis motioned to assign **1.5 CECs**, Garner seconded. The vote was all in favor.
 - **“Safety” 30 minutes, September 16, 2011.** McInnis motioned to assign **0.5 CEC in the safety/first aid/CPR category**, Garner seconded. The vote was all in favor.
 - **“Additional Intensive trainings on a variety of topics” four (4) hours, September 16, 2011.** Garner motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.
- **Donald Harnden #10487**, submitted:
 - Documentation for a **“Contractor Training”** course held **February 11, 2011, in Tumwater, WA**. The course was sponsored by the **WA Dept. of Labor & Industries**. The courses were reviewed as follows:
 - **“Accident Prevention/Safety” one (1) hour and 55 minutes.** The instructor was Jim Szpek, WA Dept. of Labor & Industries. Daugherty motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Garner seconded. The vote was all in favor.
 - **“Surviving as a Subcontractor” one (1) hour and 55 minutes.** Presented by the Linville Law Firm. Garner motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.
 - **“Jobsite Safety Set-up and Your Weeklies” 55 minutes.** The instructor was Randy Guzman, Associated General Contractors. Daugherty motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Garner seconded. The vote was all in favor.
 - **“The Essentials of Small Business Planning” one (1) hour and 25 minutes.** The instructor was Joe Freet, Tacoma SCORE. Garner motioned to assign **1.5 CECs**, Byrd seconded. The vote was all in favor.
 - **“Residential Accident Prevention” one (1) hour and 30 minutes.** Presented by NICA. Garner motioned to assign **1.5 CECs in the safety/first aid/CPR category**, McInnis seconded. The vote was all in favor.

E) Public Comment
None

F) Future Meeting
TBD

Adjourn