

MINUTES

Well Constructor Continuing Education Committee Thursday, February 24, 2011

Committee Members Present: Kris Byrd, Angela Garner, Dennis Daugherty (Dennis Daugherty was present via teleconference call)

Others Present: Tracy Fox, Nancy Sippel

A) Cont. Ed. Committee Meeting Minutes

The draft minutes from the October 7, 2010, meeting were reviewed. Garner motioned to approve the revised draft minutes as is, Byrd seconded. The vote was all in favor.

B) Other Issues

Staff informed the Committee that two waivers have been granted since their last meeting.

C) Review of Applications

The Cont. Ed. Committee reviewed the courses that comprise the **“2011 OGWA Spring Technical Seminar”** scheduled for **March 3-5, 2011, in Silverton, Oregon (OR)**. The convention is sponsored by the **Oregon Ground Water Association (OGWA)**. The courses were reviewed as follows:

- **“Frontline Safety” four (4) hours, March 3, 2011.** The instructor is Don Fleck. Byrd motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Garner seconded. The vote was all in favor.
- **“Describing Well Cuttings in Sedimentary Aquifers” one (1) hour, March 4, 2011.** The instructor is Karl Wozniak, Oregon Water Resources Department. Daugherty motioned to assign **one (1) CEC in the OR gw/well laws category**, Byrd seconded. The vote was all in favor.
- **“Basic Pump Hydraulics” one (1) hour, March 4, 2011.** The instructors are Stan Withee and John Large, Willamette Valley Pump Company. Byrd motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.
- **“Well Construction and the Mosier Groundwater Story and Misc. Business...” one (1) hour, March 4, 2011.** The instructors are Doug Woodcock and other Oregon Water Resources Department Staff. Garner motioned to assign **one (1) CEC in the OR gw/well laws category**, Byrd seconded. The vote was all in favor.
- **“Integrating Wireless Technology Into Your Pump Automation System” one (1) hour, March 4, 2011.** The instructor is Ron Reeves, Banner Engineering Corp. Garner motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.
- **“Drilling Practices, Fluids and Grouts for the Geothermal Heat Loop Industry”**

- one (1) hour, March 4, 2011.** The instructor is Jack Sowers, Baroid IDP. Byrd motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
- **“Why a VFD and How to Apply Them in Pumping Applications” one (1) hour, March 4, 2011.** The instructor is Ron Reeves, Yaskawa America, Inc. Daugherty motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.
 - **“I-5 SW Iowa Street Viaduct Bridge Replacement Project – Slope Stability in the Urban Environment – how geotechnical drilling pertains to the construction industry” one (1) hour, March 4, 2011.** The instructor is Stephen Hay, Oregon Department of Transportation. Garner motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
 - **“Pump and Water Treatment Product Showcase” one (1) hour, March 4, 2011.** M & S Representatives. Garner motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.
 - **“Truck Safety/Truck Size & Weight – load securement, size & weight requirements, driver qualification (federal/state regulations)” one (1) hour, March 5, 2011.** The instructor is Chuck Adams, Oregon Department of Transportation. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
 - **“The Nebraska Grout Task Force Research: Unexpected Results – New Solutions” one (1) hour 30 minutes, March 5, 2011.** The instructor is Tom Christopherson. Byrd motioned to assign **1.5 CECs**, Garner seconded. The vote was all in favor.
 - **“Cost Management and Your Paycheck” two (2) hours, March 5, 2011.** The instructor is Steve Kaser, Forge Pacific. Garner motioned to assign **two (2) CECs**, Byrd seconded. The vote was all in favor.
 - **“Dealing with Bacteria-Contaminated Ground Water – down the well and at the surface” one (1) hour, March 5, 2011.** The instructors are Allen Hurtado, United Pipe & Supply Co. and Paul Christensen, Christensen Well Drilling. Garner motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
 - **“Advances in the Water-Well Industry Over the Last 25 Years” one (1) hour, March 5, 2011.** The instructor is Thom Hanna, Johnson Screens. Daugherty motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the **“Bentonite Drilling Fluids, Grouting, and Well Rehabilitation Seminar”** held **November 17, 2010, in Prosser, Washington (WA)**. This course was sponsored by **CETCO**. Byrd motioned to assign **eight (8) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the courses that comprised the **“2011 IGWA Annual Convention”** held **January 26-28, 2011, in Boise, Idaho (ID)**. The convention is sponsored by the **Idaho Ground Water Association (IGWA)**. The courses were reviewed as follows:

- **“What’s Happening Down the Hole?” two (2) hours, January 27, 2011.** The

instructor is Steve Kaser, Forge Pacific LLC. Daugherty motioned to assign **two (2) CECs**, Garner seconded. The vote was all in favor.

- **“Advances in the Water-Well Industry Over the Last 20 Years” one (1) hour, January 27, 2011.** The instructor is Thom Hanna, Johnson Screens. This course was just reviewed for the OGWA Seminar, thus did not need to be reviewed here.
- **“Salesmanship, Innovation & Strategies” one (1) hour, January 27, 2011.** The instructor is Henry Baker, APEX Drilling. Byrd motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
- **“VFD’s 5-hp and Smaller” one (1) hour, January 27, 2011.** The instructors are Charlie Fox, Franklin Electric and Scott Christie, Goulds Pumps – ITT Corporation. Garner motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.
- **“Geothermal Systems Heat Loop, Drilling and Grouting” one (1) hour, January 27, 2011.** The instructor is Jack Sowers, Baroid IDP. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
- **“Business Innovation & Strategies” one (1) hour, January 27, 2011.** The instructor is Henry Baker, APEX Drilling. Daugherty motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
- **“VFD’s 7.5-hp and Larger” one (1) hour, January 27, 2011.** The instructors are Charlie Fox, Franklin Electric and Scott Christie, Goulds Pumps – ITT Corporation. Garner motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.
- **“Oil Additives for Friction Control in The Drilling Industry” one (1) hour, January 27, 2011.** The instructor is David Baker, Fluid Assets LLC. Garner motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
- **“Issues Dealing with the Sealing of Artesian Wells – Methods as They Pertain to Idaho’s Rules and Regulation/Specific Problems by Region/Remedies to Those Problems” two (2) hours, January 28, 2011.** The instructors are Roger Buchanan and Tony Hackett, IGWA; Chad Hersley, Rob Whitney, and Dennis Dunn, Idaho Department of Water Resources. Garner motioned **not to assign CECs**, Byrd seconded. The vote was all in favor.
- **“Profit Mastery – Creating Value and Providing Wealth for Your Business” two (2) hours, January 28, 2011.** The instructor is Steve Leffever, Business Resource Services. Byrd motioned to assign **two (2) CECs**, Garner seconded. The vote was all in favor.
- **“Crane & Safety Regulations Pertaining to Well Drilling” two (2) hours, January 28, 2011.** The instructor is Dale Stephenson, Boise State University. Byrd motioned to assign **two (2) CECs in the first aid/safety/CPR category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the following **online courses** submitted by **All Star Professional Training, Inc.:**

- **“Sinkholes”** this course is designed to take **one (1) hour**. Garner motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
- **“Abandonment of Water Wells”** this course is designed to take **one (1) hour**. Byrd

- motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
- **“Seals, Liners, Injection Wells and Water Wells”** this course is designed to take **three (3) hours**. Byrd motioned to assign **three (3) CECs**, Daugherty seconded. The vote was all in favor.
 - **“Drilling Topics”** this course is designed to take **four (4) hours**. Garner motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.
 - **“Drinking Water Topics”** this course is designed to take **two (2) hours**. Daugherty motioned to assign **two (2) CECs**, Garner seconded. The vote was all in favor.
 - **“Water Topics”** this course is designed to take **three (3) hours**. Byrd motioned to assign **three (3) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the following courses from the **“2010 NGWA Ground Water Expo”** held **December 7-10, 2010**, in **Las Vegas, Nevada (NV)**. The convention is sponsored by the **National Ground Water Association (NGWA)**. The courses were reviewed as follows:

- **“Environmental Remediation Drilling Safety Guideline Review” one (1) hour, December 7, 2010**. The instructor is Jim Wright, WDC Exploration & Wells. Garner motioned to assign **one (1) CEC in the first aid/safety/CPR category**, Daugherty seconded. The vote was all in favor.
- **“Shocking: Using Proper Electrical Safe Practice” one (1) hour, December 7, 2010**. The instructor is Jim Wright, WDC Exploration & Wells. Byrd motioned to assign **one (1) CEC in the first aid/safety/CPR category**, Daugherty seconded. The vote was all in favor.
- **“Challenges to Exempt Wells: An Update” two (2) hours, December 8, 2010**. The instructor is Christine L. Reimer, NGWA. Byrd motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.
- **“CDC Launches Major Initiative Focused on Private Well Systems” one (1) hour 30 minutes, December 9, 2010**. The instructor is Christine L. Reimer, NGWA. Garner motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the courses that comprise the **“WSGWA Spring 2011 CEU Seminar”** scheduled for **March 25, 2011, in Tacoma, WA; March 26, 2011, in Kelso, WA; April 1, 2011, in Pasco, WA and April 2, 2011, in Spokane, WA**. The seminar is sponsored by the **Washington State Ground Water Association (WSGWA)**. The courses were reviewed as follows:

- **“Pump Installers” eight (8) hours**. The instructor is Roger Chick. Garner motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.
- **“What Happens Down the Hole” two (2) hours**. The instructor is Steve Kaser, Forge Pacific LLC. This class was just reviewed for the IGWA Convention, thus did not need to be reviewed here.
- **“What in the Weld?” one (1) hour**. The instructor is Paul Anderson, Anderson Drilling. Garner motioned to assign **one (1) CEC**, Byrd seconded. The vote was all

in favor.

- **“What’s New in Geothermal” two (2) hours.** The instructor is John Lower, Total Energy Concepts. Byrd motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the following courses as part of the **“Washington Hydrogeology Symposium”** scheduled for **April 28, 2011, in Tacoma, WA.** The courses were reviewed as follows:

- **“Oregon Rules” two (2) hours.** The instructors will be Oregon Water Resources Department Staff. Garner motioned to assign **two (2) CECs in the OR gw/well laws category**, Byrd seconded. The vote was all in favor.
- **“Drilling Demonstration” four (4) hours.** The instructors will be from Cascade Drilling, Boart Longyear E & I, and Major Drilling. Byrd motioned to assign **four (4) CECs**, Daugherty seconded. The vote was all in favor.

D) Review of Documentation

- **Teresa Danovich #10245**, submitted:
 - Documentation from an online course titled **“Use and Measurement of Mass Flux and Mass Discharge”**. The course was **two (2) hours 15 minutes** and taken **November 18, 2010**. Garner motioned to assign **2.5 CECs**, Byrd seconded. The vote was all in favor.
- **Gary Newman #1798**, submitted:
 - Documentation from a **“Conducting an Accident Investigation”** course and a **“Workplace Safety Meetings and Committees”** course, both taken January 19, 2011. The courses are sponsored by **Oregon OSHA**. It was determined by the Cont. Ed. Committee that per OAR 690-205-0075(4)(c) the Committee does not need to review the courses, rather they have to determine if the courses pertain to the well construction industry. Byrd motioned that both courses do pertain to the well construction industry and would automatically receive **CECs in the first aid/CPR/safety category**, Daugherty seconded. The vote was all in favor.
 - Documentation from **“2011 Pipeline Emergency Response and Damage Prevention Training Program” held February 15, 2011**. Byrd motioned to table this until/unless Mr. Newman provides documentation from the sponsor indicating the timeframe of the course, Garner seconded. The vote was all in favor.
- **Robert Miller #10230**, submitted:
 - Documentation from training sponsored by the **Washington Department of Labor & Industries** held **November 19, 2010**. The courses were reviewed as follows:
 - **“Bidding, Estimating and the Bottom Line” two (2) hours.** The instructor was Kris Alberti, Northwest Independent Contractors Association. Daugherty motioned to assign **two (2) CECs**, Garner seconded. The vote was all in favor.

- **“Contracts & Warranties” two (2) hours.** The instructor was David Linville, Linville Law Firm PLLC. Garner motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.
- **“Protecting Your Assets” one (1) hour.** The instructor was David Linville, Linville Law Firm PLLC. Garner motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

E) Public Comment
None

F) Future Meeting
TBD

Adjourn