

MINUTES

Well Constructor Continuing Education Committee

Friday, June 3, 2011

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

Others Present: Tracy Fox, Juno Pandian

A) Cont. Ed. Committee Meeting Minutes

The draft minutes from the February 24, 2011, meeting were reviewed. Byrd motioned to approve the draft minutes as is, Garner seconded. The vote was all in favor.

B) Other Issues

Juno Pandian informed the Committee that she is retiring at the end of June.

Staff informed the Committee that one waiver has been granted since their last meeting.

C) Review of Applications

The Cont. Ed. Committee reviewed the course **“Continuing Education 2011”** held **March 8, 2011, in Idaho Falls, Idaho (ID) and March 9, 2011, in Boise, ID**. The course was sponsored by the **H. D. Fowler Company**. The course was reviewed as follows:

- **“new geothermal products and techniques” two hours 30 minutes.** The instructor was Bob Oliver, Cetco Drilling Products. Byrd motioned to assign **1.5 CECs**, Garner seconded. The vote was all in favor.
- **“geothermal drilling operations” one hour 30 minutes.** The instructor was Louis Capuano Jr., ThermaSource Inc. Garner motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.
- **“cementing” three (3) hours.** The instructors were Louis and Marc Breenan, ThermaSource Inc. Garner motioned to assign **three (3) CECs**, McInnis seconded. The vote was all in favor.
- **“Idaho Rules and Regulations” one (1) hour.** The instructor was Idaho Water Resources Department Staff. Byrd motioned **not to assign CEC**, Garner seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course **“Managed Aquifer Recharge”** scheduled for **June 7, 2011, in Olympia, Washington (WA)**. The course is sponsored by the **American Ground Water Trust (AGWT) and Layne Christensen**. The course was reviewed as follows:

- **“Aquifer Recharge: National Review of Projects, Progress and Prospects” 30 minutes.** The instructor is Andrew Stone, AGWT. McInnis motioned to assign **0.5 CEC**, Garner seconded. The vote was all in favor.
- **“Groundwater Recharge and Aquifer Management in the Northwest” 40 minutes.** The instructor is Jack Wittman, Layne Christensen. Garner motioned to

- assign **0.5 CEC**, McInnis seconded. The vote was all in favor.
- **“Managing ASR Systems Through New Technologies” 40 minutes.** The instructor is Kent Madison, 3R Valve. McInnis motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.
 - **“The Role of the AKART Analysis in ASR Permitting in Washington State” 40 minutes.** The instructor is Phillip Brown, Golder Associates Inc. Garner motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.
 - **“Water Right Permitting Strategy for ASR” 40 minutes.** The instructor is Tim Flynn, Aspect Consulting. McInnis motioned **not to assign CEC**, Byrd seconded. The vote was all in favor.
 - **“Umatilla Basin Recharge” 40 minutes.** The instructor is Jeff Barry, GSI Water Solutions, Inc. Garner motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.
 - **“City of Pendleton ASR Project – Status Updates” 40 minutes.** The instructor is Bob Patterson, City of Pendleton. Garner motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.
 - **“Aquifer Recharge & Thermal Storage Recovery” 50 minutes.** The instructor is Kevin Lindsey, GSI Water Solutions Inc. Garner motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.
 - **“Rules, Regulations and Policy Issues in the Northwest” one (1) hour.** The instructor is Dave Nazy, WA Department of Ecology for the **“Aquifer Storage and Recovery in Washington”** portion and Jennifer Woody, Oregon Water Resources Department for the **“Update on Oregon Recharge Programs and Regulations”** portion. McInnis motioned **not to assign CEC for the Washington portion**, Byrd seconded. The vote was all in favor. Garner motioned to assign **0.5 CEC to the Oregon portion**, Daugherty seconded. The vote was all in favor.
 - **“How to Accelerate the Development and Implementation of Recharge Projects” 25 minutes.** This is a presenter & participant discussion. McInnis motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.

D) Review of Documentation

- **Gary Newman #1798**, submitted:
 - Documentation from a **“Care and Feeding of Your Well & Septic System” one (1) hour** class taken **March 10, 2011, in Medford, OR**. The class was sponsored by the **Oregon Department of Environmental Quality (DEQ)**. It was noted that the DEQ has and is sponsoring this class at various times and locations, some are one (1) hour and some are one (1) hour and 30 minutes. McInnis motioned to assign **one (1) CEC for the one (1) hour class**, Byrd seconded. The vote was all in favor. McInnis motioned to assign **1.5 CECs for the one (1) hour and 30 minute class**, Garner seconded. The vote was all in favor.
 - Additional documentation from **“2011 Pipeline Emergency Response and Damage Prevention Training Program” two (2) hours, held February 15, 2011**. The

- course was sponsored by **Paradigm Training**. At the February 24, 2011, meeting, this was tabled pending additional information. Mr. Newman provided additional documentation for this meeting. McInnis motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.
- Mr. Newman requested reconsideration of the classification of two courses, **“Conducting an Accident Investigation”** and **“Workplace Safety Meetings and Committees”**, that were assigned to the safety/first aid/CPR category at the February 24, 2011, meeting. McInnis motioned to **keep them in the first aid/CPR/safety category**, Byrd seconded. The vote was all in favor.
 - **Doug Aiken #1255**, submitted:
 - Documentation for a **“Backflow Assembly Tester Certification”** course taken **March 28, 2011 – April 1, 2011, in Portland, OR**. The sponsor is **Backflow Management Inc.** McInnis motioned to assign **20 CECs**, Byrd seconded. The vote was all in favor.
 - **Ed Duffy #10389**, submitted documentation for the following courses, all sponsored by ODOT:
 - **“Blood Borne Pathogens” one (1) hour**, taken **March 22, 2011**. McInnis motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.
 - **“Back Safety” four (4) hours**, taken **March 22, 2011**. Byrd motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Daugherty seconded. The vote was all in favor.
 - **“Hearing Conservation” one (1) hour**, taken **March 23, 2011**. McInnis motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Garner seconded. The vote was all in favor.
 - **“Fire Extinguisher Safety” one (1) hour**, taken **March 22, 2011**. Garner motioned to assign **one (1) CEC in the safety/first aid/CPR category**, McInnis seconded. The vote was all in favor.
 - **“Job Hazard Assessment” two (2) hours**, taken **March 23, 2011**. Byrd motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.
 - **“First Responder OPS” four (4) hours**, taken **March 22, 2011**. McInnis motioned to assign **four (4) CECs in the hazmat category**, Byrd seconded. The vote was all in favor.
 - **“Lock Out/Tag Out” two (2) hours**, taken **March 22, 2011**. McInnis motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Garner seconded. The vote was all in favor.
 - **“Work Zone Traffic Control” one (1) hour**, taken **March 23, 2011**. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.
 - **“Rattle Snake Awareness” two (2) hours**, taken **March 23, 2011**. McInnis motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- **Robert Miller #10230**, submitted:
 - Documentation from the **“Washington Hydrogeology Symposium”** held **April 26-28, 2011, in Tacoma, WA**. Only the courses that Mr. Miller attended were reviewed. The courses were reviewed as follows:
 - **“Quantifying Flow and Reactive Transport in the Heterogeneous Subsurface Environment: From Pores to Porous Media and Facies to Aquifers” (Keynote 1) one (1) hour**. The instructor was Timothy D. Scheibe, Pacific Northwest National Laboratory. McInnis motioned to assign **one (1) CEC**, Garner seconded. The vote was all in favor.
 - **“Flow and Transport Modeling” two (2) hours**. The instructors were Brad Bessinger, S.S. Papadopulos & Associates; Joseph Caggiano, WA State Department of Ecology; B. Todd Hoffman, Golder Associates; and Anurag Srivastava, WA State University. Garner motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.
 - **“Predicting Climate Change” one (1) hour and 30 minutes**. The instructors were John Vaccaro, U.S. Geological Survey and Robert Mitchell, Western Washington University. McInnis motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.
 - **“Biogeophysics: A Novel Approach for Imaging Subsurface Biogeochemical Processes” (Keynote 2) one (1) hour**. The instructor was Estella Atekwana, Oklahoma State University. Garner motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.
 - **“Water Resources Groundwater Availability” one (1) hour and 30 minutes**. The instructors were Joel Purdy, GeoEngineers, Inc.; Bridget August, Associated Earth Sciences, Inc.; Ken Johnson, U.S. Geological Survey; and Mike Krautkramer, Robinson Noble, Inc. McInnis motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.
 - **“New Frontiers in the use of Isotopes of Water: Climate, Atmospheric Circulation, and Oxygen 17” (Keynote 3) one (1) hour**. The instructor was Eric Steig, University of Washington. Garner motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.
 - **“Reclaimed Water” two (2) hours**. This was a panel, panel members were: Jim McCauley, Karla Fowler, Heather Trim, and Ken Alexander, the moderator was Laurie Morgan. McInnis motioned to assign **two (2) CECs**, Garner seconded. The vote was all in favor.

- **Jeff Randalls #1819**, submitted:
 - Documentation for a **four day orientation course by Central Oregon Truck Company**. Discussion: The documentation did not include timeframes for the training nor was there anything from the sponsor stating Mr. Randall was in attendance. McInnis motioned to **withhold assignment of CEC and offer the driller an opportunity to submit additional information**, Garner seconded. The vote was all in favor.

- **Scott Tunison #10531**, submitted:
 - Documentation for a **“OSHA 30 Hour Construction”** course. This is an **online** course, completed **February 23, 2011**. McInnis motioned to assign **30 CECs in the safety/first aid/CPR category**, Garner seconded. The vote was all in favor.

- **Joel Jeffery #10074**, submitted:
 - Documentation for a **“Injection/Vapor Intrusion Seminar”** held **May 19, 2011, in Portland, OR**. The course was sponsored by **Cascade Drilling LP**. The seminar was reviewed as follows:
 - **“Pace Analytical Services, Inc.” 45 minutes**. The instructor was Kris Buckles. Garner motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.
 - **“Cascade Drilling , LP and Geoprobe Systems” 45 minutes**. The instructors were John Murnane and Ryan Galbreth. McInnis motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.
 - **“Regenesis” 45 minutes**. The instructor was Jack Peabody. McInnis motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.
 - **“ISOTEC (In-Situ Oxidative Technologies, Inc.)” 45 minutes**. The instructor was Stan Haskins. Garner motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.
 - **“Adventus Americas, Inc.” 45 minutes**. The instructor was Fayaz Lakhwala. McInnis motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.
 - **“TRS Group, Inc.” 45 minutes**. The instructor was David Fleming. Garner motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.
 - **“Outside Demonstration of Cascade’s Subsurface Logging System Van and Tooling” one (1) hour**. Garner motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

E) Public Comment
None

F) Future Meeting
TBD

Adjourn