

MINUTES
Well Constructor Continuing Education Committee Meeting Minutes
Thursday April 27, 2006

Committee Members Present: Terry Daugherty, Greg McInnis, Mike Waldroop, Kris Byrd
Others Present: Juno Pandian, Tracy Eichenlaub, Nancy Sippel

The meeting was called to order at 9:50 a.m. by Chairman McInnis.

A) Cont. Ed. Committee Meeting Minutes

The draft minutes from the January 25, 2006, meeting were reviewed. Byrd motioned to approve the draft minutes as is, Waldroop seconded. The vote was all in favor.

B) Other Issues

- Washington sent their new sponsor application forms and requested a review to see if the Cont. Ed. Committee would accept them. The Cont. Ed. Committee agreed they would if they add space for how the sponsor plans to advertise the course.

C) Review of Applications

The Cont. Ed. Committee reviewed the course application for **“Response of Aquifer Levels to Precipitation, Streams, Pumping and Injection with Reference to the Willamette Basin Study”** submitted by the **Oregon Ground Water Association (OGWA)**. The instructor is Terrence Conlon, U.S. Geological Survey (USGS). This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Review of Basic Pump Hydraulics”** submitted by the **OGWA**. The instructor is Lloyd Hygelund, CPS, Inc. This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Waldroop motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Overview of Marine Sedimentary Formations in Oregon and the Pacific Northwest”** submitted by the **OGWA**. The instructor is Dan Mumford, Bergeson-Boese & Associates. This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. McInnis motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Overview of Centrifugal, Sub Turbine & Line Shaft Pumps**” submitted by the **OGWA**. The instructor is Don Weiblen, Ferguson Enterprises. This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Daugherty motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Marketing Your Business - Tapping Your Greatest Resource**” submitted by the **OGWA**. The instructor is Jimmie Wilkins, Chemeketa Small Business Development Center. This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Business Insurance Trends for 2006 and How They May Benefit the Ground Water Industry (general liability/health insurance)**” submitted by the **OGWA**. The instructors are Michael Smith and Rick Abrahamson, Fullerton & Company Insurance. This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

Byrd recused himself from the following class since he was an instructor:

The Cont. Ed. Committee reviewed the course application for “**Review of Licensing & Bond Changes for Drillers and Online Submittal of Well Logs & Changes to GRID**” submitted by the **OGWA**. The instructors are Kris Byrd and Ken Smith, Oregon Water Resources Department (OWRD). This two hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. McInnis motioned to assign **two (2) CECs in the Oregon gw/well laws category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Constant Pressure Pump Control Valves**” submitted by the **OGWA**. The instructor is Rob Smith, Cycle Stop Valves. This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Waldroop motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Basic Methods of Water Filtration**” submitted by the **OGWA**. The instructor is Mark Scheufler, United Pipe & Supply Company. This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Byrd motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Well Chlorination Techniques for Drillers and Pump Installers**” submitted by the **OGWA**. The instructor is Paul Querna,

PQ Products. This one hour course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Five Things to Know for Your Family Business - Balancing Work & Family, Succession Planning, Letting Go of Your Business, Developing the Next Generation, Keys to Success - Communication, Communication, Communication”** submitted by the **OGWA**. The instructor is Mark Green, Austin Family Business Program, OSU. This one hour 15 minute course was given March 3, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Daugherty motioned to assign **1.5 CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Hammer & Bit Maintenance”** submitted by the **OGWA**. The instructor is Judy Herndon, Drillmaster Int'l. This two hour course was given March 4, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Waldroop motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“VFD & Drive Technology”** submitted by the **OGWA**. The instructor is Terry Borsch, Ferguson Enterprises. This one hour course was given March 4, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Daugherty motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Pump & Motor Product Showcase”** submitted by the **OGWA**. The instructors are Bill Brown, Pentair Water; Jay Hoiland, Goulds Pumps; Rick Hicklin, Franklin Electric and James Edwards, Grundfos Pumps. This two hour course was given March 4, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Applying GPS (Global Positioning System) in the Field to Locate Wells - How to Obtain Good Data”** submitted by the **OGWA**. The instructors are Greg & Malia Kupillas, Pacific Hydro-Geology and Paul Christensen, Christensen Well Drilling. This one hour course was given March 4, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. McInnis motioned to assign **one (1) CEC in the Oregon gw/well laws category**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“The Use of Foam in Drilling”** submitted by the **OGWA**. The instructor is Bob Oliver, CETCO. This one hour course was given March 4, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Water Treatment Licensing Round Table Discussion”** submitted by the **OGWA**. The moderators are Tim Weaver and Jerry Schmidt. This one hour course was given March 4, as part of their **2006 OGWA Spring Technical Seminar, March 3-4, 2006, in Wilsonville, Oregon**. Waldroop motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“IDWR Update”** submitted by the **Idaho Ground Water Association (IGWA)**. The instructor is Director Karl Dreyer. This 55 minute course was given January 5, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho**. Daugherty motioned to assign **zero CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Legislative Options”** submitted by the **IGWA**. The instructors are Daniel Steenson, and National Ground Water Association (NGWA) President Tom Downey. This one hour course was given January 5, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho**. McInnis motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Flood Institute”** submitted by the **IGWA**. The instructor is Jeff Murray, Ice Age Floods Institute. This 55 minute course was given January 5, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho**. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Idaho Geology”** submitted by the **IGWA**. The instructor is Virginia Gillerman, Boise State University. This estimated 30 minute course was given January 5, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho**. McInnis motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“High Tech Tools”** submitted by the **IGWA**. The instructor is Paul Christensen, Christensen Well Drilling. This two hour course was given January 5, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho**. Byrd motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Electric”** submitted by the **IGWA**. The instructor is Electrical Bureau Chief Gary L. Malman. This one hour course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho**. McInnis motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Plumbing”** submitted by the

IGWA. The instructor is Plumbing/HVAC Bureau Chief Ted Hogander. This one hour course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** Waldroop motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Professionalism”** submitted by the **IGWA.** The instructors are Bill Mills, 2M Company, and Henry Baker. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** McInnis motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Round Table”** submitted by the **IGWA.** This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho** and was under the “Associates” heading. McInnis motioned to assign **zero CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Franklin Hot Line”** submitted by the **IGWA.** The instructor is Mark Reeder, Franklin Electric Company. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** Daugherty motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Profit/Loss”** submitted by the **IGWA.** The instructor is Richard Vycital, Region II, Small Business Development Center. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** Waldroop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Safety”** submitted by the **IGWA.** The instructor is Guy O’Tierney. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** 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 course application for **“Franklin Hot Line”** submitted by the **IGWA.** The instructor is Mark Reeder, Franklin Electric Company. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** McInnis motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Pipe Market”** submitted by the **IGWA.** The instructor is Keith Hardy, Layne Pumps, Inc. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** Waldroop motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Safety” (2)** submitted by the

IGWA. The instructor is Guy O'Tierney. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** Byrd motioned to assign **one (1) CEC in the safety/first aid/CPR category,** McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **"Idaho Power"** submitted by the **IGWA.** The instructor is John Roholt. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** Byrd motioned to assign **zero CEC and provide the sponsor the opportunity to submit additional information,** McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **"Protecting Assets"** submitted by the **IGWA.** The instructor is Stephanie Bonney, Moore, Smith, Buxton and Turcke. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** McInnis motioned to assign **one (1) CEC,** Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **"Fall Protection"** submitted by the **IGWA.** The instructor is Guy O'Tierney. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** McInnis motioned to assign **one (1) CEC in the safety/first aid/CPR category,** Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **"Pump Curves"** submitted by the **IGWA.** The instructor is Dale Pippitt, Floyd Lilly Company. This 55 minute course was given January 6, as part of their **2006 IGWA 57th Annual Convention, January 5-6, 2006, in Boise, Idaho.** McInnis motioned to assign **0.5 CEC,** Waldroop seconded. The vote was all in favor.

D) Review of Documentation

Daniel Mumford, #10213, submitted additional information for the **11th Annual Oregon Water Law Conference held November 14-15, 2002, in Portland, Oregon.** In a December 9, 2003, letter the Cont. Ed. Committee assigned zero CECs and offered Mumford the opportunity to provide additional information for review. The Course was reviewed as follows:

▶ **Day One (November 14):**

"Introduction and Overview" by David E. Filippi, Stoel Rives LLP, 10 minutes. McInnis motioned to assign **zero CEC,** Byrd seconded. The vote was all in favor.

"Water Law Primer - An Overview" the instructors are Janet Neuman, Northwestern School of Law, Lewis and Clark College, and Susan L. Smith, Willamette University School of Law, 35 minutes. Waldroop motioned to assign **0.5 CEC,** McInnis seconded. Waldroop amended his motion to **0.5 CEC in the Oregon gw/well laws category,** Daugherty seconded. The vote was all in favor.

"2002 Federal Water Legislation and 2003 State Water Legislative Concepts" by Representative Jan Lee, Oregon State Legislature, 30 minutes.

Waldroop motioned to assign **zero CEC**, McInnis seconded. The vote was all in favor.

“Exploring the Legal Intersection between Clean Water and Water Supply” the instructor is J. Mark Morford, Stoel Rives LLP, 45 minutes.

Daugherty motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

“Hydrology 101 - The Science Behind State Water Law” the instructors are Jeff M. Barry, Groundwater Solutions, Inc. and Bob Fuller, CH2M Hill, 45 minutes. Byrd motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.

“Keynote Address: Vision for Oregon’s Water Supply and Quality” the instructor is Catherine Vandemoer, WaterWatch of Oregon, Inc., 30 minutes. Daugherty motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

“The Klamath Basin Revisited” the instructors are Todd Olson, PacifiCorp; Robert G. Hunter, WaterWatch of Oregon, Inc. and Paul S. Simmons, Somach Simmons & Dunn, one hour 30 minutes. Waldroop motioned to assign **1.5 CECs**, McInnis seconded. The vote was all in favor.

“Deschutes Basin Update” the instructors are Gail L. Achterman, Deschutes Resources Conservancy; Neil R. Bryant, Bryant Lovlien & Jarvis PC; Kate Kimball, 1000 Friends of Oregon and Meg Reeves, OWRD, one hour. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“Ethical Considerations for Water Practitioners” the instructors are Stephen M. Bloom, Kottkamp & O’Rourke LLP, Mark J. Fucile, Stoel Rives LLP and A. Reed Marbut, OWRD, one hour. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

► **Day Two (November 15):**

“Introduction and Overview of Day Two” by Richard M. Glick, Davis Wright Tremaine LLP, 10 minutes. McInnis motioned to assign **zero CEC**, Daugherty seconded. The vote was all in favor.

“Water Right Transfers” the instructors are Benjamin Lombard, Jr, Lombard Knudsen & Holtey LLP; Douglas W. MacDougal, Schwabe Williamson & Wyatt PC and Tom Paul, OWRD, 50 minutes. Byrd motioned to assign **0.5 CEC**, Daugherty seconded, then Byrd amended the motion to assign **0.5 CEC in the Oregon gw/well laws category**, McInnis seconded. The vote was all in favor.

“Community Water Supplies” the instructors are Richard M. Glick and Karen A. Russell, WaterWatch of Oregon, Inc.; Lorna Stickel, City of Portland, Bureau of Water Works and Adam Sussman, OWRD, one hour. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

“The Future of Water Development” the instructors are Martha O. Pagel, Schwabe Williamson & Wyatt PC and Peter S. Test, Oregon Farm Bureau Federation, 45 minutes. Waldroop motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.

Bernard Kleutsch, #10274 submitted:

documentation for “**GINT Software Training**” a two day, (14 hour) course taken **April 4-5, 2006**, through the **Oregon Dept. of Transportation in Salem, Oregon**. McInnis motioned to assign **14 CECs**, Daugherty seconded. The vote was all in favor.

Jody Carpenter, #1669 submitted:

documentation for “**Drilling Fluids Training**” a seven (7) hour course taken **September 24, 2004**, through **United Pipe & Supply Inc and CETCO Drilling Products**. The instructor is Bob Oliver, CETCO. McInnis motioned to assign **seven (7) CECs**, Daugherty seconded. The vote was all in favor.

C) Review of Applications (continued)

The Cont. Ed. Committee reviewed the course application for “**DTH Hammer & Bit Maintenance**” submitted by **Drillmaster Int’l and United Pipe & Supply**. The instructor is Judy Herndon, Drillmaster Int’l. This two hour course is scheduled for **April 27, 2006**, in conjunction with a four hour class sponsored by United Pipe & Supply and CETCO, **in The Dalles, Oregon**. Daugherty motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Basics for Using Drilling Muds, Foams, Polymers, and Bentonite Grouts**” submitted by **CETCO and United Pipe & Supply**. The instructor is Bob Oliver, CETCO. This four hour course is scheduled for **April 27, 2006**, in conjunction with a two hour class sponsored by United Pipe & Supply and Drillmaster Int’l, **in The Dalles, Oregon**. Waldroop motioned to assign **four (4) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Underreamers/Hole Openers**” submitted by the **Washington Department of Ecology (WA DOE)**. The instructor is Gary Barnett. This one hour 30 minute course was given December 7, 8, 13, and 14, 2005, as part of their **2005 Ecology Sponsored Training, December 7, in Pasco, Washington (WA); December 8, in Spokane, WA; December 13, in Tacoma, WA,; and December 14, in Marysville, WA**. Daugherty motioned to assign **1.5 CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Construction/Licensing Regs Update**” submitted by the **WA DOE**. This two hour course was given December 7, 8, 13, and 14, 2005, as part of their **2005 Ecology Sponsored Training, December 7, in Pasco, Washington (WA); December 8, in Spokane, WA; December 13, in Tacoma, WA,; and December 14, in Marysville, WA**. McInnis motioned to assign **zero CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Pumping Tests for Water Supply Wells**” submitted by the **WA DOE**. This two hour course was given December 7, 8, 13, and 14, 2005, as part of their **2005 Ecology Sponsored Training, December 7, in Pasco, Washington (WA); December 8, in Spokane, WA; December 13, in Tacoma, WA,; and**

December 14, in Marysville, WA. Waldroop motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Reserve Water Rule Update”** submitted by the **WA DOE**. This one hour course was given December 7, 8, 13, and 14, 2005, as part of their **2005 Ecology Sponsored Training, December 7, in Pasco, Washington (WA); December 8, in Spokane, WA; December 13, in Tacoma, WA,; and December 14, in Marysville, WA.** Byrd motioned to assign **zero CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Well Log Imaging System Update”** submitted by the **WA DOE**. This one hour course was given December 7, 8, 13, and 14, 2005, as part of their **2005 Ecology Sponsored Training, December 7, in Pasco, Washington (WA); December 8, in Spokane, WA; December 13, in Tacoma, WA,; and December 14, in Marysville, WA.** Byrd motioned to assign **zero CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Basic Crane & Rigging Safety”** submitted by **Cascade Drilling Inc.** This two day, (16 hour) course was given **January 30-31, 2006, in Richland, WA.** Daugherty motioned to assign **16 CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“In-Situ Remediation Technology”** submitted by **Cascade Drilling Inc.** This four (4) hour 45 minute course was given **February 28, 2006, in Santa Ana, CA; March 2, 2006, in Sacramento, CA; March 7, 2006, in Woodinville, WA; and March 9, 2006 in Portland, OR.** McInnis motioned to assign **4.5 CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Grants Pass Geology Workshop”** submitted by the **Oregon Department of Geology and Mineral Industries (DOGAMI)** and the **OWRD**. The instructors are Tom Wiley, DOGAMI and Ivan Gall, OWRD. This two day, (15 hour) course is scheduled for **May 17-18, 2006, in Grants Pass, OR.** For the **first day**, McInnis motioned to assign **eight (8) CECs**, Daugherty seconded. The vote was all in favor. For the **second day**, Daugherty motioned to assign **seven (7) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“21st Century Well Supplies”** submitted by the **NGWA**. This 30 minute exposition demonstration was presented February 4, 2006, as part of the 2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon. McInnis motioned to assign zero CEC, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Are You Missing the Drive Advantage?”** submitted by the **NGWA**. This 30 minute exposition demonstration was presented February 3, 2006, as part of the 2006 NGWA Pacific Northwest Ground Water Expo, February 3-

4, 2006, in Portland, Oregon. Daugherty motioned to assign zero CEC, Waldroop seconded. The vote was all in favor.

Discussion: Regarding the 30 minute time-frame, were these pump related?, exhibition?, appears the intent is a commercial demonstration. The Cont. Ed. Committee agreed that these 30 minute exposition demonstrations would be in the exhibition category.

Byrd motioned to rescind the previous votes for **“21st Century Well Supplies”** and **“Are You Missing the Drive Advantage?”** submitted by the NGWA as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon** and assign **one (1) CEC in the exhibition category**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Chlorine vs ChloroPal”** (aka **“Field Designs for Well Problems”**) submitted by the NGWA. This 30 minute exposition demonstration was presented February 3, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. Daugherty motioned to assign **one (1) CEC in the exhibition category**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Learn How to Avoid Trenching to Replace Faulty Wire by Using Remote Control Tech Products”** (aka **“Remote Control Technology”**) submitted by the NGWA. This 30 minute exposition demonstration was presented February 3, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. Waldroop motioned to assign **one (1) CEC in the exhibition category**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Bentonite’ 101 Uses”** submitted by the NGWA. This 30 minute exposition demonstration was presented February 3, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. McInnis motioned to assign **one (1) CEC in the exhibition category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Alternative to Standard and Buried Pressure Tanks”** submitted by the NGWA. This 30 minute exposition demonstration was presented February 3, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. McInnis motioned to assign **one (1) CEC in the exhibition category**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Hydraulic/Mechanical Training”** submitted by the NGWA. This 30 minute exposition demonstration was presented February 3, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. Waldroop motioned to assign **one (1) CEC in the exhibition category**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Why Haven’t I Been Told That Before?”** submitted by the NGWA. The instructor is Paul W. Querna, PQ Products. This one

hour 30 minute course was presented February 4, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. Waldroop motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Continuing Education Requirements in the Pacific Northwest States**” submitted by the **NGWA**. The instructors are Tracy Eichenlaub, OWRD; Gary Duspiva, IGWA and Dick Szymarek, WA DOE. This one hour course was presented February 3, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. McInnis motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**USDA Oregon Rural Development - Home Improvement Grants and Loans**” submitted by the **OWRD**. The instructor is Patty Good, USDA, Oregon Rural Development. This one hour course is scheduled **May 17, 2006, as part of their OWRD Sponsored Training May - Pendleton**. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Water Quality Concerns in the Lower Umatilla Basin Groundwater Management Area**” submitted by the **OWRD**. The instructor is Phil Richerson, Oregon DEQ. This one hour course is scheduled **May 17, 2006, as part of their OWRD Sponsored Training May - Pendleton**. Waldroop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Techniques in Air Rotary Drilling**” submitted by the **OWRD**. The instructors are Kirby Donald and/or Jack Sowers, Baroid Industrial Drilling Products. This one hour course is scheduled **May 17, 2006, as part of their OWRD Sponsored Training May - Pendleton**. Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**OWRD Continuing Education and Rules Update**” submitted by the **OWRD**. The instructor is Tracy Eichenlaub, OWRD. This 30 minute course is scheduled **May 17, 2006, as part of their OWRD Sponsored Training May - Pendleton**. McInnis motioned to assign **0.5 CEC in the Oregon gw/well laws category**, Waldroop seconded. The vote was all in favor.

It was noted that the rest of the courses scheduled for the OWRD Sponsored Training May - Pendleton have previously been approved. Those are: “Dept. Of Agriculture, Pesticides Division: Backflow Prevention and Chemigation” for one (1) CEC; “Online Submittal of Well Logs” for 1.5 CECs in the Oregon gw/well laws category; and “Basic of Basalt Hydrogeology” for one (1) CEC.

The Cont. Ed. Committee reviewed the course application for “**Failure In Not an Option**” submitted by the **NGWA**. This 30 minute exposition demonstration was presented February 3, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. McInnis motioned to assign **one (1) CEC in the exhibition category**,

Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Water Quality = Water Right”** submitted by the **NGWA**. This 30 minute exposition demonstration was presented February 3, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. Daugherty motioned to assign **one (1) CEC in the exhibition category**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Variable Speed Drives Packaging Options”** submitted by the **NGWA**. This 30 minute exposition demonstration was presented February 4, 2006, as part of the **2006 NGWA Pacific Northwest Ground Water Expo, February 3-4, 2006, in Portland, Oregon**. Byrd motioned to assign **one (1) CEC in the exhibition category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Washington State Well Drilling Regulation update”** submitted by the **Washington State Ground Water Association (WSGWA)**. The instructors are Dick Szymarek and Marian Bruner, WA DOE. This one hour course was given **March 24, 2006, in Tacoma, Washington (WA); March 25, 2006, in Marysville, WA; March 31, 2006, in Spokane, WA; and April 1, 2006, in Ellensburg, WA** as part of their **2006 WSGWA Spring Series Seminar**. McInnis motioned to assign **zero CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Electrical Safety for Construction Workers” (aka “Electrical Safety for Drillers”)** submitted by the **WSGWA**. The instructor is Greg Parkinson, Puget Sound Energy. This one hour course was given **March 24, 2006, in Tacoma, Washington (WA); March 25, 2006, in Marysville, WA; and April 1, 2006, in Ellensburg, WA** as part of their **2006 WSGWA Spring Series Seminar**. Daugherty motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Effective Air Drilling Techniques”** submitted by the **WSGWA**. The instructors are Kirby Donald and/or Jack Sowers, Baroid Industrial Drilling Products. This one hour course was given **March 24, 2006, in Tacoma, Washington (WA); March 25, 2006, in Marysville, WA; and April 1, 2006, in Ellensburg, WA** as part of their **2006 WSGWA Spring Series Seminar**. McInnis motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Effective Air Drilling Techniques”** submitted by the **WSGWA**. The instructors are Kirby Donald and/or Jack Sowers, Baroid Industrial Drilling Products. This one hour 30 minute course was given **March 31, 2006, in Spokane, WA** as part of their **2006 WSGWA Spring Series Seminar**. Daugherty motioned to assign **1.5 CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Overhead & Underground Power Line Safety for the Construction Industry” (aka “Electrical Safety for Drillers”)** submitted by the **WSGWA**. The instructor is Grant VanBuren, Inland Power. This one hour

course was given **March 31, 2006, in Spokane, WA** as part of their **2006 WSGWA Spring Series Seminar**. Daugherty motioned to assign **one (1) CEC in the safety/first aid/CPR category**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Geology/Hydrogeology of the State” (aka “Geology/Hydrogeology of the Region”)** submitted by the **WSGWA**. The instructor is Bob Derkey, Washington Department of Natural Resources. This one hour course was given **March 31, 2006, in Spokane, WA** as part of their **2006 WSGWA Spring Series Seminar**. Waldrop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Water Resource Inventory Areas (WRIA): An Overview”** submitted by the **WSGWA**. The instructors are William M. Neal and Craig Gresham, WSGWA. This one hour course was given **March 24, 2006, in Tacoma, Washington (WA); March 25, 2006, in Marysville, WA; March 31, 2006, in Spokane, WA; and April 1, 2006, in Ellensburg, WA** as part of their **2006 WSGWA Spring Series Seminar**. Byrd motioned to assign **one (1) CEC**, Waldrop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Well Rehabilitation - Diagnosing the Problem”** submitted by the **WSGWA**. The instructor is Joel Purdy, GeoEngineers, Inc. This one hour course was given **March 24, 2006, in Tacoma, WA** as part of their **2006 WSGWA Spring Series Seminar**. Daugherty motioned to assign **one (1) CEC**, Waldrop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Safety in the Workplace” (aka “Safety and Health Issues in the Drilling Industry”)** submitted by the **WSGWA**. The instructor is Darren M. James, WISHA Safety and Health Consultant. This one hour course was given **March 25, 2006, in Marysville, WA** as part of their **2006 WSGWA Spring Series Seminar**. 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 course application for **“Well Completion and Testing”** submitted by the **WSGWA**. The instructors are Burt G. Clothier and Mike Krautkramer, Robinson, Noble, & Saltbush. This one hour course was given a **March 25, 2006, in Marysville, WA and April 1, 2006, in Ellensburg, WA** as part of their **2006 WSGWA Spring Series Seminar**. Waldrop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Technology Update: Downhole Video Technology in 2006”** submitted by the **WSGWA**. The instructor is Steve Strong, Laval Underground Surveys. This one hour course was given **March 24, 2006, in Tacoma, WA and March 25, 2006, in Marysville, WA** as part of their **2006 WSGWA Spring Series Seminar**. Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Types of Aquifers**” submitted by the WSGWA. The instructor is Doug Dillenberger, NW HydroGeo Consultants. This one hour course was given **March 25, 2006, in Marysville, WA** as part of their **2006 WSGWA Spring Series Seminar**. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Downhole Video - Video inspection of water Wells and borehole geophysics**” (aka “**Down Hole Video Technology**”) submitted by the WSGWA. The instructor is Douglas C. Dow, Well Scan, Inc. This one hour course was given **April 1, 2006, in Ellensburg, WA** as part of their **2006 WSGWA Spring Series Seminar**. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Construction Worksite Safety: Worksite/Well Site Hazards**” submitted by the WSGWA. The instructors are Russ Poage and Debra Kellard, LNI. This one hour course was given **March 31, 2006, in Spokane, WA** as part of their **2006 WSGWA Spring Series Seminar**. McInnis motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Daugherty seconded. The vote was all in favor.

D) Review of Documentation (continued)

Chris Christensen, #10465, submitted:

- ▶ documentation for the “**2005 NDA Annual Meeting**” This was held **March 17-18, 2005, in Las Vegas, Nevada**, and sponsored by the **National Drilling Association**. The classes were reviewed as follows:

“**Mud Course**” the instructor is Joe Dobry, Baroid Industrial Drilling Products, one hour. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“**Setting Up an Effective Safety Training Program**” the instructor is Dan Dunn, Boart Longyear Company, one hour. McInnis motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

“**How to Establish DOT Compliance**” the instructor is Cindy McInnis, Boart Longyear Company, one hour. McInnis recused himself since his wife is the instructor. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“**Integrating Direct Push Methods with Geotechnical Applications**” the instructor is Thomas M. Christy, Geoprobe Systems, one hour. Waldroop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“**Analyzing Sampling Procedure Case Histories**” the instructor is Nicholas R. Hild, Arizona State University, one hour. Byrd motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“**Diamond Core Bit Selection**” the instructor is Caoimhin Armnstrong, Boart Longyear Company, one hour. Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

Roger Smith, #10225, submitted:

documentation for the **“Groundwater Under the Pacific Northwest”** conference held **November 2-3, 2005, in Stevenson, WA**, sponsored by the **Washington State University (WSU)**. The classes were reviewed as follows:

Day 1 (November 2):

“Keynote Speaker” Dr. Thomas Winter, USGS, one hour. McInnis motioned to assign **zero CEC and provide the sponsor the opportunity to submit additional information**, Daugherty seconded. The vote was all in favor.

“Panel Discussion: Challenges to Addressing Groundwater-Surface Water Interaction” moderator: David Tuthill, IDWR, one hour. McInnis motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

“Session 1 - Groundwater-Surface Water Interaction” the presenters are Randal Leek, WSU; Jenny Brown, The Nature Conservancy; and Patricia Olson, Pacific Watershed Institute, one hour and 15 minutes. Daugherty motioned to assign **1.5 CECs**, Waldroop seconded. The vote was all in favor.

“Session 2 - Groundwater Quality” the presenters are Phil Richerson, Oregon Department of Environmental Quality (ODEQ); Katharine Cupps, WA DOE and Laurie Morgan, WA DOE, one hour and 15 minutes. McInnis motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.

“Session 3 - Hydrogeology: General” the presenters are Farida Leek, WSU; Terry Tolan, Kennedy/Jenks Consultants; and Terrence Conlon, USGS, one hour and 15 minutes. Waldroop motioned to assign **1.5 CECs**, McInnis seconded. The vote was all in favor.

“Session 4 - Groundwater Policy” the presenters are Todd Jarvis, Oregon State University (OSU); Akram Hossain, WSU; and Robert Simmons, WSU Mason County Extension, one hour and 15 minutes. Byrd motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.

“Session 5 - Hydrogeology: Cascade Mountains” the presenters are Anne Jefferson, OSU; Gordon Grant, USDA Forest Service; and Floyd Hodges, WA DOE, one hour and 15 minutes. McInnis motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.

“Session 6 - Groundwater Policy” the presenters are John DeVoe, WaterWatch of Oregon; Dibakar Goswami, WA DOE; and Trish Carroll, USDA Forest Service, one hour and 15 minutes. Waldroop motioned to assign **1.5 CECs**, McInnis seconded. The vote was all in favor.

“Poster Session” two hours. Byrd motioned to assign **one (1) CEC in the exhibition category**, McInnis seconded. The vote was all in favor.

Day 2 (November 3):

“Keynote Speaker” Dr. Robert Glennon, Rogers College of Law, University of Arizona, one hour. Waldroop motioned to assign **zero CEC and provide the sponsor the opportunity to submit additional information**, McInnis seconded. The vote was all in favor.

“Panel Discussion: Challenges to Addressing Groundwater Sustainability” the moderator is Gail Achterman, OSU, one hour. McInnis

motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

“Book Signing” by Robert Glennon, one-half hour. McInnis motioned to assign **zero CEC**, Daugherty seconded. The vote was all in favor.

“Session 7 - Walla Walla Groundwater” the presenters are Bob Bower, Walla Walla Basin Watershed Council; Kevin Lindsey, Kennedy/Jenks Consultants; and John Warinner, Fountainhead, one hour and 15 minutes. Byrd motioned to assign **1.5 CECs**, Waldroop seconded. The vote was all in favor.

“Session 8 - South Willamette Valley Groundwater” the presenters are Gail Andrews, OSU; Glenn Mutti, OSU; and Jeremy Craner, OSU, one hour and 15 minutes. McInnis motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.

“Book Signing” by Robert Glennon, one-half hour. McInnis motioned to assign **zero CEC**, Daugherty seconded. The vote was all in favor.

“Session 9 - Umatilla Groundwater” the presenters are Kate Ely, Confederated Tribes of the Umatilla Indian Reservation; Tamra Mabbott, Umatilla County Department of Resource Services and Development; and Douglas Woodcock, OWRD, one hour and 15 minutes. Byrd motioned to assign **1.5 CECs**, McInnis seconded. The vote was all in favor.

“Session 10 - La Pine Groundwater” the presenters are Stephen R. Hinkle, USGS; David S. Morgan, USGS; and Barbara J. Rich, Deschutes County Environmental Health Division, one hour and 15 minutes. Waldroop motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.

“General Session: Solving Groundwater Challenges In the Pacific Northwest by Integrating Research, Policy and Education, Conference wrap-up” 30 minutes. Waldroop motioned to assign **0.5 CEC**, McInnis seconded. The vote was all in favor.

Arthur Fry, #1355, submitted:

documentation for a **“Oregon DEQ Onsite Wastewater Installer”** course taken **October 24, 2005**, 8 hours, through **Chemeketa Community College in Salem, Oregon**.

Daugherty motioned to assign **zero CEC**, McInnis seconded. The vote was all in favor.

Kevin Skinner, #1697, submitted:

documentation for the (2005) **“IGWA 56th Annual Convention”** held **January 6-8, 2005**, in **Boise, Idaho**. The Cont. Ed. Committee decided to review all of the classes on the agenda, as opposed to just the ones Skinner had submitted for review. Those are as follows:

Day 1 (January 6):

“Welcome” by IGWA President Brett McCarty, 30 minutes. McInnis motioned to assign **zero CEC**, Daugherty seconded. The vote was all in favor.

“Update and Report on Idaho Dept. Of Water Resources Activities” by Director Karl Dreyer, 15 minutes. Daugherty motioned to assign **zero CEC**, McInnis seconded. The vote was all in favor.

“Well Efficiency is Not a Myth” the instructor is David Kill, NGWA McElhiney Lecture series, one hour 45 minutes. McInnis motioned to assign **1.5**

CECs, Waldroop seconded. The vote was all in favor.

“IDWR Rules & Regulations” the instructor is Director Karl Dreyer, 30 minutes. Byrd motioned to assign **zero CEC**, Daugherty seconded. The vote was all in favor.

“Earthquakes and their Effect on Groundwater” the instructor is Evelyn Roeloffs, USGS, one hour. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“Basic Computers for Business Use” one hour. Byrd motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Computer Models for Water Management” one hour. McInnis motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

Day 2 (January 7): “GPS as a Field Tool” one hour. Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Pump Sizing and Installation” one hour. Byrd motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.

“Navigation the IDWR Website” one hour. Byrd motioned to assign **zero CEC**, McInnis seconded. The vote was all in favor.

“Dealing With Disaster Roundtable” one hour. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“DOT - Old and New Regulations” one hour. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“Hydrogen Peroxide as an Option” the instructor is Randy Navratil, one hour. Waldroop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Bioremediation” one hour. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“Well Design” one hour. Byrd motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Aquifer Storage and Recovery” one hour. Waldroop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Chemistry & Biology of Well Systems” one hour. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“Business Succession” one hour. Byrd motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

Day 3 (January 8): “Constant Pressure Systems” one hour. Waldroop motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.

“Chemical Application” one hour. Waldroop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Profit and Loss” one hour. Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Water Well Conditioning” one hour. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“Case Histories” one hour. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

Bernard Kleutsch, #01274, submitted:

documentation for **“Introduction to Arcview: Geographic Info.”** 18 hours, taken **August 3, 2004, and February 2, 2005.** McInnis motioned to assign **zero CEC and provide the sponsor the opportunity to submit additional information,** Daugherty seconded. The vote was all in favor.

“Microsoft Access Level 1: Relational Database” 16 hours, taken **September 27-28, 2004.** Daugherty motioned to assign **zero CEC and provide the sponsor the opportunity to submit additional information,** McInnis seconded. The vote was all in favor.

“Microsoft Access Level 2” 16 hours, taken **October 6-7, 2004.** McInnis motioned to assign **zero CEC and provide the sponsor the opportunity to submit additional information,** Waldroop seconded. The vote was all in favor.

“Geohydro Concrete Training” 8 hours, taken **February 27, 2003.** Waldroop motioned to assign **zero CEC and provide the sponsor the opportunity to submit additional information,** McInnis seconded. The vote was all in favor.

“Fall Protection & Rescue” 16 hours, taken **December 10-11, 2002.** Daugherty motioned to assign **16 CECs in the safety/first aid/CPR category,** McInnis seconded. The vote was all in favor.

“Assessment & Mitigation of Liquefaction Hazards” 12 hours, ended **April 29, 2003.** McInnis motioned to assign **zero CEC and provide the sponsor the opportunity to submit additional information,** Byrd seconded. The vote was all in favor.

“Assessment & Mitigation of Liquefaction Hazards to Bridge Approach Embankments” 16 hours, ended **April 29, 2003.** Waldroop motioned to assign zero CECs, Daugherty seconded. Discussion: have additional information for this class that don't have for the others, agree have approved similar classes in the past dealing with geotechnical holes. Waldroop rescinded his motion. McInnis motioned to assign **16 CECs in the safety/first aid/CPR category,** Byrd seconded. The vote was all in favor.

“Rappelling Safety” 13 hours, taken **December 10-11, 2002.** McInnis motioned to assign **zero CECs,** Waldroop seconded. The vote was all in favor.

F) Public Comment

No public comments were received.

G) Future Meeting

Next meeting scheduled for June 13, 2006.

Adjourn.