

MINUTES
Well Constructor Continuing Education Committee Meeting Minutes
Thursday March 10, 2005

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

The meeting was called to order at 9:30 a.m. by Chair McInnis.

A) Cont. Ed. Committee Meeting Minutes

The draft minutes from the October 12, 2004, meeting were reviewed. Daugherty motioned to approve the draft minutes, Waldroop seconded. The vote was all in favor.

B) Justin Wirth, Assistant Attorney General, Dept of Justice addressed the group. Mr. Wirth reviewed the basic purpose and duties of the Cont. Ed. Committee as outlined in law. He also went over the public meetings law, general procedures used by boards and commissions, and ethical issues. Mr. Wirth provided an informational hand-out for the Cont. Ed. Committee.

C) Other Issues

From the October 12, 2004, meeting: it was pointed out that the NGWA 8-Hour OSHA Refresher course was put in the safety/first aid/CPR category and is really a hazmat class. Byrd made a motion that the **NGWA 8-Hour OSHA Refresher course be changed from the safety/first aid/CPR category to the hazmat category.** Waldroop seconded the motion. The vote was all in favor.

From the October 12, 2004, meeting: it was pointed out that **Ken McClanahan**, who was an **instructor at the International Association of Foundation Drilling Anchor and Micropile Installation School** for 2 years and was assigned double CECs of 160, should receive 80 CECs, not 160 CECs (was 40 hours each). OAR 690-205-0075(3)) states that the licensee who is also the instructor of an approved course, shall receive CECs for the course once during a single renewal period, regardless of the number of times a course is presented. Waldroop motioned to **amend from 160 CECs to 80 CECs to comply with rule.** Byrd seconded the motion. The vote was all in favor.

Comments from Fred Scalise, monitor well constructor license were distributed to the Cont. Ed. Committee. After review of Mr. Scalise's two suggestions, the Cont. Ed. Committee determined that both are outside of their scope of authority. One would require a statute change. Juno Pandian noted that the Department is working on the other, mainly that the Department offer 7-8 CEC courses.

Staff question if the documentation for a course that has previously been assigned CECs is submitted and the course documentation is for a different length of time or CECs, which should be entered? Pandian stated it should be for what the Cont. Ed. Committee assigned while allowing the licensee the opportunity to submit additional information.

Staff informed the Cont. Ed. Committee that the Idaho Ground Water Association has requested that Idaho be removed from the “Course Application Form” and “Evaluation Form.” This has been done, it now has just Oregon and Washington.

Staff requested guidance from the Cont. Ed. Committee regarding individuals who take courses prior to receiving a license. Should those courses be counted toward their first renewal after they obtain a license or should it just be courses that are taken while they are licensed? The Cont. Ed. Committee agreed that courses taken prior to the individual receiving a license can be counted.

The Cont. Ed. Committee voted for a Vice -Chair. Byrd motioned that Daugherty be the Vice-Chair, McInnis seconded the motion. The vote was all in favor.

D) Review of Applications

The Cont. Ed. Committee reviewed the course application for **“Profit” is not a bad word - don’t give away your professionalism & knowledge**” submitted by the Oregon Ground Water Association (OGWA) as part of their 2004 Fall Convention, October 15-16, 2004. Daugherty motioned to assign two (2) CECs. Discussion regarding if it is related to pumps, was on ‘pump side’ of break-out session. Daugherty amended his motion to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Jobsite Safety”** submitted by the OGWA, the course to be held March 19, 2005. Waldroop motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Pump Product Showcase”** (1¼ hours) submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Waldroop motioned to assign **0.5 CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Pump Product Showcase”** (1 hour) submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Daugherty motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Drilling Product Showcase”** submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Water Treatment Licensing & Limits of Authority”** submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Waldroop motioned to assign 0.5 CEC. Discussion: regarding how have

previously assigned water treatment courses Previous consensus was that if the treatment occurred downhole it is more “well” and if it occurs aboveground it is more “pump.” Cont. Ed. Committee agrees like to not be too restrictive. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Minor Labeling Program & Other Electrical Q&A”** submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Daugherty motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Safety 101 Through Grad School: Overall Safety Refresher”** submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Waldroop motioned to assign **2.5 CECs in the safety/first aid/CPR category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Variable Frequency 101 (VFD’s)”** submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Daugherty motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Formation Identification: Its Not Just Rocks & Dirt”** submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Daugherty motioned to assign **1.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Missoula Floods: Transformation of the West”** submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Well Efficiency is Not a Myth”** submitted by the OGWA as part of their 2005 Spring Technical Seminar, March 4-5, 2005. Waldroop motioned to assign **1.5 CEC**, Daugherty seconded. The vote was all in favor.

Staff had question regarding a course that has been pre-approved for CECs, if the course is given another day for a different length of time, does the course need to come back to the Cont. Ed. Committee? Pandian said yes. Cont. Ed. Committee suggests adding to sponsor approval letter (if not already there) that if the length of the course changes the sponsor needs to submit notice to that effect in writing. Was also concluded that if the length of a course that has been approved after the fact changes it also needs to go back to the Cont. Ed. Committee.

Sippel questioned the Cont. Ed. Committee whether the OGWA’s “Ground Water Day at the Capitol” would be eligible for CECs. After an explanation of what that entails, reaction was mixed from the Cont. Ed. Committee. The OGWA could definitely submit applications for review.

The Cont. Ed. Committee reviewed the course application for **“Septic System Locating”** submitted by the OWRD (from Mayer) scheduled for May 18, 2005, as part of their OWRD Spring 2005 Continuing Education for Well Constructors. Byrd motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Alluvial Aquifer Systems”** submitted by the OWRD (from Mayer) scheduled for May 18, 2005, as part of their OWRD Spring 2005 Continuing Education for Well Constructors. Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Groundwater to Surface Water Interference, An overview of 690-09 and Determining Water Right Permit Conditions”** submitted by the OWRD (from Mayer) scheduled for May 18, 2005, as part of their OWRD Spring 2005 Continuing Education for Well Constructors. Byrd motioned to assign **one (1) CEC in the Oregon gw/well laws category**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Basic Basalt Stratigraphy”** submitted by the OWRD (from Mayer) scheduled for May 18, 2005, as part of their OWRD Spring 2005 Continuing Education for Well Constructors. Waldroop motioned to assign **1.5 CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“24-Hour Mine Safety and Health Administration (MSHA) Initial Training”** submitted by Layne Christensen Company as an ongoing course. Daugherty motioned to assign **24 CECs in the safety/first aid/CPR category**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“8-Hour Mine Safety and Health Administration (MSHA) Refresher”** submitted by Layne Christensen Company as an ongoing course. Waldroop motioned to assign **8 CECs in the safety/first aid/CPR category**, Daugherty seconded. The vote was all in favor. Discussion: Layne Christensen will need to notify the Department when they schedule courses. Department will then put them on their web site.

The Cont. Ed. Committee reviewed the course application for **“HM-126F”** submitted by Layne Christensen Company as an ongoing course. Daugherty motioned to assign **8 CECs in the safety/first aid/CPR category**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “Layne Safe Driver Training Program” submitted by Layne Christensen Company as an ongoing course. The application does not say how long the course is. Staff will contact Layne Christensen to complete application, the Cont. Ed. Committee will review at a future meeting.

The Cont. Ed. Committee reviewed the course application for **“Session 1A: Groundwater-Surface Water Interactions: Chemistry, Models, and Regulations”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Daugherty motioned to assign **1.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 1B: Aquifer Storage and Recovery**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign **1.5 CEC**.

Discussion: Byrd questioned whether would credit since is Washington. Cont. Ed. Committee agreed it would since it is a study that could pertain to anywhere. McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Poster Session**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign 0.5 CEC. Discussion: regarding whether would count or not, Cont. Ed. Committee agreed poster session would count for 1 CEC in the exhibit category. Waldroop amended the motion to assign **one (1) CEC in the exhibit category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 2A: Point Source Contaminants In The Subsurface**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Daugherty motioned to assign **1.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 2B: Changing Climate, Retreating Glaciers, and Groundwater Availability**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Byrd motioned to assign **1.5 CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 3A: Remediation - I**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Daugherty motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 3B: Non-Point Source Contamination**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Byrd motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.

As part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **1 CEC in the exhibit category**, for an attendee who provides documentation of attending either **Poster Session or the exhibit**. Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 4A: Data Analysis and Exchange**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign **1.5 CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 4B: Effects of Heterogeneity**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Byrd motioned to assign **1.5 CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 5A: Contaminant Fate and Transport Studies**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **1.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 5B: Hydrostratigraphy**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign **1.5 CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 6A: Watershed Management Problems and Plans**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Byrd motioned to assign **1.5 CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 6B: Groundwater/Surface Water - I**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign **1.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 7A: Remediation - II**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **1.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 7B: Groundwater/Surface Water - II**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Daugherty motioned to assign **1.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 8A: Emerging Contaminants and Public Exposure**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Session 8B: Groundwater Modeling**” submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **all three Keynote Speakers** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **one (1) CEC for each speaker**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Field Trip #1 ‘Geohydrology of Hanford Site’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis suggested for the field trips that the Cont. Ed. Committee consider them per day with an 8 hour per day upper limit. McInnis motioned to assign **16 CECs**, Daugherty seconded. Discussion: Byrd would like more information. In favor: McInnis, Daugherty, Waldroop; opposed: Byrd.

The Cont. Ed. Committee reviewed the course application for **“Field Trip #2 ‘Hydrogeology of Mount St. Helens’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign **eight (8) CECs**, McInnis seconded. Discussion: Byrd would like more information. In favor: McInnis, Daugherty, Waldroop; opposed: Byrd.

The Cont. Ed. Committee reviewed the course application for **“Field Trip #3 ‘Coastal Cliff Geology Dinner Cruise’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **three (3) CECs**, Daugherty seconded. In favor: McInnis, Daugherty, Waldroop; opposed: Byrd.

The Cont. Ed. Committee reviewed the course application for **“Field Trip #4 ‘Fort Lewis Groundwater and Source Remediation’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Daugherty motioned to assign **four (4) CECs**, McInnis seconded. In favor: McInnis, Daugherty, Waldroop; opposed: Byrd.

The Cont. Ed. Committee reviewed the course application for **“Field Trip #5 ‘Geohistory of Floods in the Columbia Gorge’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **12 CECs**, Waldroop seconded. Discussion: question as to how come up with 12. Because first day is full day, second is half day. In favor: McInnis, Daugherty, Waldroop; opposed: Byrd.

The Cont. Ed. Committee reviewed the course application for **“Harbor Dinner Cruise”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **zero CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Workshop #1 ‘FRAMES Software for Contaminant Transport’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Workshop #2 ‘Ecology EIM Database Import Module’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **zero CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Workshop #3 ‘Seawater Intrusion Panel’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Byrd motioned to assign **1.5 CECs**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Workshop #4 ‘Using Geochemistry to Evaluate Sources of Contamination’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign **two (2) CECs**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Workshop #5 ‘GeoDatabase and New Geologic Maps: Applications, Better Geologic Maps, and Communication (cool findings)’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Workshop #6 ‘Excel Spreadsheets for 30 Hydrologic Calculations’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. Waldroop motioned to assign **2.5 CECs**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Workshop #7 ‘Seawater Intrusion Modeling’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **four (4) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Workshop #8 ‘Subsurface Heterogeneity: Why It Is Important, Why We Usually Ignore It, and What to Do About It’”** submitted by Robert Miller as part of the 5th Washington Hydrogeology Symposium, scheduled for April 12-14, 2005. McInnis motioned to assign **2.5 CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the amended course application for **“Basic Electrical Refresher”** submitted by Eric J. Freimuth as an ongoing course. This course had previously been approved for 3 CECs, Freimuth expanded the length of the course and submitted an amended application. McInnis motioned to assign eight (8) CECs. Discussion: regarding should be half credit like pump courses. McInnis amended his motion to assign **four (4) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the amended course application for **“Basic Pneumatic Refresher”** submitted by Eric J. Freimuth as an ongoing course. This course had previously

been approved for 6 CECs, Freimuth expanded the length of the course and submitted an amended application. Daugherty motioned to assign **eight (8) CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the amended course application for “**Basic Mechanical Refresher**” submitted by Eric J. Freimuth as an ongoing course. This course had previously been approved for 6 CECs, Freimuth expanded the length of the course and submitted an amended application. Waldroop motioned to assign **eight (8) CECs**, Daugherty seconded. The vote was all in favor.

McInnis motioned to make the assignment of **eight (8) CECs to the courses from Freimuth retroactive to December 1, 2004, except the Basic Electrical which would be 4 CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the amended course application for “**Basic Electrical Course**” submitted by Eric J. Freimuth as an ongoing course. This course had previously been approved for 3 CECs, Freimuth expanded the length of the course and submitted an amended application. McInnis motioned to assign eight (8) CECs. Discussion: regarding should be half credit like pump courses. McInnis amended his motion to assign **four (4) CECs per day of attendance**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the amended course application for “**Basic Hydraulic Refresher**” submitted by Eric J. Freimuth as an ongoing course. This course had previously been approved for 6 CECs, Freimuth expanded the length of the course and submitted an amended application. Byrd motioned to assign **eight (8) CECs**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the amended course application for “**Basic Hydraulic 4.1 Course**” submitted by Eric J. Freimuth as an ongoing course. This course had previously been approved for 6 CECs per day of attendance, Freimuth expanded the length of the course and submitted an amended application. Daugherty motioned to assign **eight (8) CECs per day of attendance**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the amended course application for “**Basic Mechanical Course**” submitted by Eric J. Freimuth as an ongoing course. This course had previously been approved for 6 CECs per day of attendance, Freimuth expanded the length of the course and submitted an amended application. Daugherty motioned to assign **eight (8) CECs per day of attendance**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the amended course application for “**Basic Pneumatics Course**” submitted by Eric J. Freimuth as an ongoing course. This course had previously been approved for 6 CECs per day of attendance, Freimuth expanded the length of the course and submitted an amended application. Waldroop motioned to assign **eight (8) CECs per day of attendance**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Washington State Ground Water Association’s 2005 Technical Seminar”** submitted by the WSGWA, scheduled for April 2, 2005. Waldroop motioned to assign **eight (8) CECs**, Daugherty seconded. The vote was all in favor.

A flyer for a course on **“Accelerated Bioremediation & Other Techniques for Indoor Air Toxic & Contaminated Groundwater Control”** had been received by the Department. The Cont. Ed. Committee agreed to review it if requested by a licensee, but not at this time.

The Cont. Ed. Committee reviewed the course application for **“2005 NGWA Conference on MTBE and Perchlorate: Assessment, Remediation, and Public Policy”** submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled for May 26-27, 2005, in San Francisco, California. McInnis motioned to assign **eight (8) CECs per day attended**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Environmental Geochemistry of Metals: Investigation and Remediation (#576)”** submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled for March 9-11, 2005, in Denver, Colorado. McInnis motioned to assign **eight (8) CECs per day attended**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Environmental Forensics: Methods and Applications (#183)”** submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled for July 19-20, 2005, in Chicago, Illinois. McInnis motioned to assign **eight (8) CECs per day attended**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Analysis and Design of Aquifer Tests Including Slug Tests and Fracture Flow”** submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled for June 6-8, 2005, in Dublin, Ohio. Waldroop motioned to assign **eight (8) CECs per day attended**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Natural Attenuation for Remediation of Contaminated Sites (#147)”** submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled for April 27-29, 2005, in San Francisco, California. McInnis motioned to assign **eight (8) CECs per day attended**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Artificial Recharge of Ground Water”** submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled for April 25-26, 2005, in Baltimore, Maryland. Daugherty motioned to assign **eight (8) CECs per day attended**, McInnis seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“The MODFLOW Course Theory & Hands-on Applications using MODFLOW-2000, MODPATH, MT3D &**

WinPEST (#258)” submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled for April 26-29, 2005, in Houston, Texas. McInnis motioned to assign **eight (8) CECs per day attended**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Isotopic and Hydrogeological Characterization of Fractured Rock Settings: Current and Novel Approaches”** submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled for April 25-26, 2005, in Baltimore, Maryland. Waldroop motioned to assign **eight (8) CECs per day attended**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Low-Cost Remediation Strategies for Contaminated Soil and Ground Water (#146)”** submitted by the NGWA. This course may be offered multiple times, the first offering is scheduled April 25-26, 2005, in San Francisco, California. McInnis motioned to assign **eight (8) CECs per day attended**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“2005 Ground Water Summit”** submitted by the NGWA. This course is scheduled for April 17-20, 2005, in Houston, Texas. Waldroop motioned to assign **eight (8) CECs per day attended**, McInnis seconded. The vote was all in favor.

E) Review of Documentation

McInnis recused himself from review of his documentation.

Greg McInnis, #10011 & #1464, submitted:

documentation for **“How to Conduct Effective Safety Meeting,”** December 9, 2002.

Waldroop motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Daugherty seconded. The vote was all in favor.

documentation for **“NDA Shallow Exploration Drillers Clinic,”** October 18, 2003.

Waldroop motioned to assign **12.5 CECs**, Byrd seconded. The vote was all in favor.

documentation for **“Slope Stability for Transportation Systems,”** April 8-10, 2003.

Byrd motioned to assign **5.5 CECs**, Waldroop seconded. The vote was all in favor.

Jon Fife, #1485, submitted:

documentation from the IGWA 2005 Annual Convention, January 7-8, 2005, in Boise, Idaho:

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

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

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

“Improving Your Image” Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

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

“Hydrogen Peroxide Alternative” Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

“GPS As A Field Tool” Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

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

“From Conflict to Collaboration” Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

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

documentation from the IGWA Course held February 8, 2005, in Boise, Idaho:

“IDWR Rules & Regs” McInnis motioned to assign **zero (0) CEC**, Daugherty seconded. The vote was all in favor.

“Idaho Geology” Waldroop motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.

“Down Hole Tools” Daugherty motioned to assign **2.5 CECs**, McInnis seconded. The vote was all in favor.

“New Innovations in Down Hole Tech” Byrd motioned to assign **2.5 CECs**, McInnis seconded. The vote was all in favor.

Ted Ogilvie #10333 & 1681, submitted:

documentation for **“One Call System/Excavator Safety Expo”** Discussion: regarding how many hours, if safety category or not. McInnis motioned to assign 4.5 CECs and one (1) CEC in the exhibit category, Daugherty seconded. The vote was all in favor.

(*this motion changed little further on)

documentation for **“Wyo-Ben, Inc Mud School”** Daugherty motioned to assign **eight (8) CECs**, Waldroop seconded. The vote was all in favor.

documentation for **“Wyo-Ben & Western Hydro Well Grouting School”** Waldroop motioned to assign **four (4) CECs**, Daugherty seconded. The vote was all in favor.

Robert Sheldon #10289, submitted:

documentation for **“December 2003, Washington Dept. Of Ecology Sponsored Training”** Discussion: Cont. Ed. Committee agreed appears to be on WA rules and regulations. McInnis motioned to **allow the licensee the opportunity to provide additional information**, Byrd seconded. The vote was all in favor.

documentation for an **8-Hour Hazardous Waste Operations and Emergency Response Refresher** course. Daugherty motioned to assign **eight (8) CECs in the hazmat category**, Byrd seconded. The vote was all in favor.

documentation for **“First Aid/CPR”** training. Byrd motioned to request documentation of the number of hours before assigning CECs, Daugherty seconded. The vote was all in favor. Discussion: card does not say how long the training was. Byrd made a new motion amending the above motion that **if the documentation provided shows the course was four hours or more then the course is approved for four (4) CECs in the safety/first aid/CPR category, if it shows less than four hours then the documentation is to be brought back to the Cont. Ed. Committee for review**. McInnis seconded. The vote was all in favor.

documentation for the **“ASCE Seattle Section Geotechnical Groups’ annual one-day Spring Seminar”** held April 3, 2004 in Seattle, Washington. McInnis motioned to assign **eight (8) CECs**, Daugherty seconded. The vote was all in favor.

documentation for the **“IGWA North Idaho Workshop”** held March 5, 2004, in Post Falls, Idaho:

“Inter-Agency Cooperation” McInnis motioned to assign **zero (0) CEC**, Byrd seconded. The vote was all in favor.

“IDWR Rules & Regulations” Daugherty motioned to assign **zero (0) CEC**, McInnis seconded. The vote was all in favor.

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

“Industry Issue Roundtable” Waldroop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Casing Hammer Selection” Byrd motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Look Up and Live” Waldroop motioned to assign **one (1) CEC in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

“Arsenic In North Idaho” Daugherty motioned to assign **1.5 CEC**, McInnis seconded. The vote was all in favor.

*Ted Ogilvie #10333 & 1681,

The Cont. Ed. Committee returned to the documentation for the **“One Call System/Excavator Safety Expo”** and McInnis made a new motion to replace the previous motion. New motion is to assign **4.5 CECs in the safety/first aid/CPR category and 1 CEC in the exhibit category**, Byrd seconded. The vote was all in favor.

Robert Sheldon #10289, continued:

from the IGWA **“North Idaho Workshop”** March 7, 2003, in Coeur d’Alene, Idaho:

“Round Table Discussion - All Topics” Daugherty motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Truck Diesel Repair (Part Two)” Waldroop motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

“Idaho Drilling Rules & Regulations” Byrd motioned to assign **zero (0) CEC**, Daugherty seconded. The vote was all in favor.

“Hands on Welding” Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

“Cable Rigging Safety” Waldroop motioned to assign **one (1) CEC**, McInnis seconded. The vote was all in favor.

“Notice of Disclosure Statement-Idaho Code 45-52” Daugherty motioned to assign **zero (0) CEC since it pertains to Idaho rules**, McInnis seconded. The vote was all in favor.

“Water Rights” Byrd motioned to assign **zero (0) CEC**, Waldroop seconded. The vote was all in favor.

Matthew Call #10507, submitted:

documentation for Washington **“Ecology Sponsored Training”** held March 2004:

“Screen Install/Maint” McInnis motioned to assign **three (3) CECs**, Daugherty seconded. The vote was all in favor.

“Hydraulic Cont/Seawater” Waldroop motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

“Metering” Discussion: Cont. Ed. Committee agreed more to do with pumps. Daugherty motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.

“Leg Update/Licensing” McInnis motioned to assign **zero (0) CEC since it pertains to Idaho rules**, Byrd seconded. The vote was all in favor.

F) Public Comment

No public comments were received.

G) Future Meeting

Next meeting is scheduled for May 19, 2005.

Adjourn.