

MINUTES  
Well Constructor Continuing Education Committee Meeting Minutes  
Tuesday October 12, 2004

Committee Members Present: Greg McInnis, Terry Daugherty, Mike Waldroop, Kris Byrd  
Others Present: 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 June 15, 2004, meeting were reviewed. Daugherty motioned to approve the draft minutes, Byrd seconded. The vote was all in favor.

B) Other Issues

The two new Cont. Ed. Committee members, Mike Waldroop and Kris Byrd, were acknowledged.

It was unanimously agreed to review the course applications for the Oregon Ground Water Association's 2004 Fall Convention first then come back to 'Other Issues.'

C) Review of Applications

The Cont. Ed. Committee reviewed the course application for "**Drilling With Underreaming Systems**" submitted by the Oregon Ground Water Association (OGWA) for their 2004 Fall Convention, October 15-16, 2004. Daugherty motioned to assign **two (2) CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for "**Introduction and Overview of Basic Hydraulic - Pneumatic, Electrical & Mechanical Courses Offered for CECs - Q&A**" submitted by the OGWA for their 2004 Fall Convention, October 15-16, 2004. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for "**Well Rehabilitation 101 - Restoring a Well to its Maximum Efficiency by Mechanical and/or Chemical means**" submitted by the OGWA for their 2004 Fall Convention, October 15-16, 2004. Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for "**Application of Basic Rubber Drilling Products - Pipe Wipers, K-packers, Swivel, etc**" submitted by the OGWA for their 2004 Fall Convention, October 15-16, 2004. 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 Well Screens and Casing Material Selection**” submitted by the OGWA for their 2004 Fall Convention, October 15-16, 2004. Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Motor Review - Troubleshooting & Meters**” submitted by the OGWA for their 2004 Fall Convention, October 15-16, 2004. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

#### B) Other Issues

1) Eichenlaub distributed a sample ‘Course Application’ that had been modified to include both Washington and Idaho. Sponsors would be able to use the one form to apply for CECs with all three states. The Cont. Ed. Committee liked the idea.

2) Pandian informed the Cont. Ed. Committee that the Enforcement Section is fully staffed now. Also, that Phil Ward, OWRD Acting Director, would be the lunch speaker at the OGWA’s Fall Convention.

#### C) Review of Applications

The Cont. Ed. Committee reviewed the course application for “**Current Issues Effecting Our Industry**” submitted by the Washington State Ground Water Association (WSGWA) for their Fall Convention, October 29-30, 2004. Discussion: Cont. Ed. Committee agreed appears to be Washington issues, rules. Byrd motioned **not to assign CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Tax Workshop**” submitted by the WSGWA for their Fall Convention, October 29-30, 2004. Discussion: Cont. Ed. Committee agreed appears to be Washington State tax issues. Daugherty motioned **not to assign CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Industry Happenings**” submitted by the WSGWA for their Fall Convention, October 29-30, 2004. Discussion: Cont. Ed. Committee agreed appears to be specific to Washington. Byrd motioned **not to assign CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Instream Flow Assessment/Watershed Planning**” submitted by the WSGWA for their Fall Convention, October 29-30, 2004. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**On-Site Emergency Management**” submitted by the WSGWA for their Fall Convention, October 29-30, 2004. Daugherty 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 “**Rig Maintenance and A Brief Look At Cable Tool Fishing**” submitted by the WSGWA for their Fall Convention, October 29-30, 2004. Byrd motioned to assign **1.5 CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Geothermal Panel Discussion**” submitted by the WSGWA for their Fall Convention, October 29-30, 2004. Daugherty motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Non-Domestic Pump Tests: Why Consultants Run Them Differently**” submitted by the WSGWA for their Fall Convention, October 29-30, 2004. Discussion: It was explained to the new Cont. Ed. Committee members that pump classes are credited at half. Daugherty motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Round Table Discussion - Cable Tool, Rotary, County Regs**” submitted by the WSGWA for their Fall Convention, October 29-30, 2004. Discussion: Regarding amount of time that would be spent on county regs, agreed no way of knowing. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**OWRD Sponsored Course 2004**” submitted by the Oregon Water Resources Department (OWRD) (from Byrd). October 25, 2004, in Salem, October 27, 2004, in Roseburg, and November 1, 2004, in Bend. Byrd recused himself. Discussion: There was quite a bit of discussion regarding the time frame and how much of the course should be in the Oregon gw/well laws category. Byrd agreed to amend the agenda to show four hours of class since the course is scheduled for four hours. The Cont. Ed. Committee agreed to assign CECs to each of the four one hour sections separately. For the section on ‘**Well Construction Program**’ Daugherty motioned to assign **one (1) CEC in the Oregon gw/well laws category**, Waldroop seconded. The vote was all in favor. For the section on ‘**Regional Groundwater**’ Waldroop motioned to assign **one (1) CEC in the Oregon gw/well laws category**, Daugherty seconded. The vote was all in favor. For the section on ‘**Effects of Earthquakes**’ Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor. For the section on ‘**Water Rights**’ Daugherty motioned to assign **one (1) CEC in the Oregon gw/well laws category**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Drilling with overburden tools - in the Pacific Northwest**” submitted by the Forge Welkin Co. as part of a class held July 28, 2004. Discussion: This is the same course that was just assigned 2 CECs to for 2004 OGWA Fall Convention.

The Cont. Ed. Committee reviewed the course application for “**Down the hole hammer bits - all you should know**” submitted by the Forge Welkin Co. as part of a class held July 28, 2004. Waldroop motioned to assign **1.5 CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Down the hole hammers - their use and maintenance**” submitted by the Forge Welkin Co. as part of a class held July 28, 2004. Daugherty motioned to assign **3.5 CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Well Reports in Hydrology/ Natural Variations in Groundwater Composition**” submitted by Dennis Nelson, Dept. of Human Services/Drinking Water Program for a one day class scheduled for January 20, 2005. Daugherty motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Drillmaster: Drill Rigs/Bits/Hammers**” submitted by the Washington Dept. of Ecology for their ‘Ecology Sponsored Training.’ November 29, 2004, Olympia, WA; November 30, 2004, Marysville, WA; December 2, 2004, Spokane, WA; December 3, 2004, Tri-Cities, WA. Waldroop motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Building Your Business, Balancing Your Personal Life**” submitted by the Washington Dept. of Ecology for their ‘Ecology Sponsored Training.’ November 29, 2004, Olympia, WA; November 30, 2004, Marysville, WA; December 2, 2004, Spokane, WA; December 3, 2004, Tri-Cities, WA. Daugherty motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Nitrates Movement and Occurrence**” submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton.’ Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Nitrates and their affects. Municipal wells plan review process**” submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton.’ Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Basic Sedimentary Hydrogeology**” submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton.’ Byrd motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

Pandian recommended that Byrd recuse himself since he is with the OWRD. Byrd recused himself. The course for “**Nitrates Movement and Occurrence**” submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton’ was re-done. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor. The course for “**Basic Sedimentary Hydrogeology**” submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton’ was re-done. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Basic of Basalt Hydrogeology”** submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton.’ Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“Oregon Well Construction Rules”** submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton.’ Daugherty motioned to assign **one (1) CEC in the Oregon gw/well laws category**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“G.P.S. and you”** submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton.’ Discussion: regarding whether this should/would be in the Oregon gw/well laws category. Waldroop motioned to assign **one (1) CEC in the Oregon gw/well laws category**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for **“How to use GRID (Well Logs on the Web)”** submitted by the OWRD (from Mayer) scheduled for November 3, 2004, as part of their ‘OWRD Sponsored Course 2004- Pendleton.’ Discussion: regarding whether this should/would be in the Oregon gw/well laws category, decided yes based on the presenter. Daugherty motioned to assign **one (1) CEC in the Oregon gw/well laws category**, Waldroop seconded. The vote was all in favor.

#### D) Review of Documentation

Ken McClanahan, #727, submitted:

Certificates showing he was the **instructor at the ADSC’s (The International Association of Foundation Drilling) Anchor and Micropile Installation School**, November 3-9, 2002 and November 2-8, 2003. Daugherty motioned to assign 80 CECs per certificate, for a total of **160 CECs**, since he was the instructor, Byrd seconded. The vote was all in favor. (*\*this needs to be corrected at the next meeting*)

Gary Coonse, #1780, submitted:

documentation for **“Drilling Equipment and Fluids Training,”** February 8, 2004. Discussion: the date on the agenda included in the documentation is different than the date on the “Continuing Education Summary.” For the Cetco portion, **“Bentonite Drilling Fluids & Grouting Seminar”** 3.5 hours, Byrd motioned to assign 3.5 CECs, Daugherty seconded. For the **“United Pipe”** portion, discussion: Cont. Ed. Committee agrees to **request that Mr. Coonse provide proof of attendance** and they suggest requesting additional information. No vote was taken. For courses shown on the “Continuing Education Summary Form” as being taken at the Idaho Ground Water Association’s August 2003 meeting, more information is requested.

Patrick Clark, #1781, submitted:

documentation for **“Drilling Equipment and Fluids Training,”** February 8, 2004. See notes on Gary Coonse above.

Robert W. Gestrin, #1231, submitted:

documentation for “**Cetco Drilling Products**” taken January 28, 2004, sponsored by the Cetco Drilling Products and Techline Drilling Equipment. Daugherty motioned to assign **four (4) CECs**, Waldroop seconded. The vote was all in favor.

documentation for “**Techline Drilling Equipment**” taken January 28, 2004, sponsored by the Cetco Drilling Products and Techline Drilling Equipment. Daugherty motioned to assign **four (4) CECs**, Waldroop seconded. The vote was all in favor.

#### C) Review of Applications

The Cont. Ed. Committee reviewed the course application for “**Improving Your Welding Skills**” submitted by the National Ground Water Association (NGWA) as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Byrd motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Mud Rotary Drilling: A Definition of Terms**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Wouldn't It Be Nice If...**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Conducting Simple Well Disinfection Tests in the Field**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Hydrogen Sulfide Removal By Oxidizing Under Pressure**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Hydrolysis: Understanding & Predicting the Degradation of Organic Compounds in Water**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **1.5 CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Testing the Waters**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**The Water of Your Life**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15,

2004. Waldroop motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Well Servicing and Maintenance**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Well Water Testing: What the Water Professional Needs to Know**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Constant Pressure as a Tool for Ground Water Preservation**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Byrd motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Large Horse Power Pumping**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **0.5 CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Motors and Electricity**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **0.5 CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Submersible Pumps Primer**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**America’s Dependence on Ground Water & Usage Trends and Forecasts**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**CMT Multilevel System Installer Certification**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Discussion: McInnis gave a brief explanation of what CMT systems are. Daugherty motioned to assign **four (4) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Drilling of Last Domestic Water Well in United States Draws Record Crowd!**” submitted by the NGWA as part of their

2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**The Economics of Well Drilling**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Loss Control Through Leadership**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**NGWA’s Legislative Horizon**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Reducing Risk & Liability From the First Phone Call to Project Completion**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Air Rotary Drilling**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Cable Tool Drilling**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**The Containment of Cuttings Using Sediment Filter Bags**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Byrd motioned to assign **one (1) CEC**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Down-hole Video 101**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Drilling Fluids, Grouts and Sealants**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Hole Collapse: What Can We Do to Prevent It Roundtable**” submitted by the NGWA as part of their 2004 NGWA Ground



Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Hydrogeologic Classification System for Water Well Borehole**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Results of the 2003 Farm and Ranch Irrigation Survey**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Savvy Selling - Connecting with your Customers**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **two (2) CECs**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Succession Planning**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **one (1) CEC**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Using Your Financial Statements to Uncover Hidden Profits**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Byrd motioned to assign **3.5 CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Using Your Team and Income Statement to Manage Costs, Increase Profits, and Plan for Expansion**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **2.5 CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Complying with the Current DOT Regulations and Catching Up to the New Ones**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**The Cost Effective Use of Insurance as a Risk Management Tool**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Drivers and Vehicles - DOT has Regulations for Both**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Eight - Hour OSHA Refresher Course**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor. (*\*since this is OSHA training it does not require pre-approval, in addition, it should be in the Hazmat category. This will be re-reviewed at the next meeting.*)

The Cont. Ed. Committee reviewed the course application for “**Electrical Safety**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **1.5 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 “**Living With OSHA -OSHA and Your Business**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Waldroop 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 “**What Does That Pesky MSDS Sheet Really Mean?**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. 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 “**Automated Low-Flow Water Quality Monitoring**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Discussion: McInnis gave a brief explanation of low flow sampling and the pumps used. Byrd motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Borehole Geophysical Logging & What are the Benefits to My Project?**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Daugherty motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Data Collection For Improved Site Characterization**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Byrd motioned to assign **two (2) CECs**, Daugherty seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Surface and Borehole Geophysics for Ground Water Application**” submitted by the NGWA as part of their 2004 NGWA Ground Water Expo, December 12-15, 2004. Byrd motioned to assign **two (2) CECs**, Waldroop seconded. The vote was all in favor.

The Cont. Ed. Committee reviewed the course application for “**Wireless Telemetry - Bringing Environmental Data to the Digital World**” submitted by the NGWA as part of their 2004

NGWA Ground Water Expo, December 12-15, 2004. Waldroop motioned to assign **two (2) CECs**, Byrd seconded. The vote was all in favor.

#### D) Review of Documentation

The courses from ODOT's course catalog that were not assigned CECs at the June 15, 2004, Cont. Ed. Committee meeting. The Cont. Ed. Committee reviewed and assigned CECs as follows:

- **"First Responder Operations Update"** 2 hours. Waldroop motioned to assign **two (2) CECs in the Hazmat category**, Daugherty seconded. The vote was all in favor.

- **"Integrated Toolcarrier"** 4 hours. Byrd motioned to provide the licensee opportunity to **provide additional information**, Daugherty seconded. The vote was all in favor.

- **"Air System and Air Brake Adjustment Training"** 4 hours. Daugherty motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Waldroop seconded. The vote was all in favor.

- **"Tire & Wheel Safety"** 2 hours. Waldroop motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- **"Front End Loader"** 4 hours. Daugherty motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Waldroop seconded. The vote was all in favor.

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

- **"Truck Power Trains"** 4 hours. Daugherty motioned to assign **four (4) CECs**, Byrd seconded. The vote was all in favor.

- **"Pre-Trip"** 2 hours. Waldroop motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- **"Commercial Truck Operations"** 4 hours. Daugherty motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- **"Equipment Tie-Down"** 4 hours. Daugherty motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- **"Preventative Maintenance"** 8 hours. Daugherty motioned to assign **eight (8) CECs**, Byrd seconded. The vote was all in favor.

- **"Defensive Driving"** 4 hours. Daugherty motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- **"First Aid/CPR"** 4 hours. Discussion: A vote is only needed if the instructor is not American Red Cross certified or does not have certification recognized by the American Red Cross. Since that is not currently known, the Cont. Ed. Committee will review the course just in case. Daugherty motioned to assign **four (4) CECs in the safety/first aid/CPR category**, Waldroop seconded. The vote was all in favor.

- **"Hearing Conservation"** 2 hours. Daugherty motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Waldroop seconded. The vote was all in favor.

- **"Respiratory Protection"** 4 hours. Waldroop motioned to assign **four (4) CECs in the Hazmat category**, Byrd seconded. The vote was all in favor.

- **"Bloodborne Pathogens"** 2 hours. Daugherty motioned to assign **two (2) CECs in the safety/first aid/CPR category**, Byrd seconded. The vote was all in favor.

- **“Hazardous Waste Site Work”** 8 hour refresher. Byrd motioned to assign **eight (8) CECs in the Hazmat category**, Daugherty seconded. The vote was all in favor.

E) Public Comment

No public comments were received.

F) Future Meeting

Tentatively scheduled for January 28, 2005.

Adjourn.