



Oregon

Kate Brown, Governor

Water Resources Department

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Meeting: Continuing Education Committee (OWRD)

Today's Date: May 20, 2021

Location: Virtual

Chairperson: Kevin Gill, Clouser Drilling Inc.

Note Taker: Buffy Madrigal-Adams

In Attendance (Jan 6, 2021): Jim Mack Sr., Bandon Well & Pump Co., Ryan Galbreth, Cascade Drilling Technical Services

Absent: (Jan 6, 2021): Travis Kelly, Well Construction Program Coordinator, OWRD

1. Review of Previous Minutes

- a. See attachment for courses reviewed on January 6, 2021
- b. Jim Mack suggested a restructuring of the minutes for clarity. Please let Buffy know if this layout is sufficient.

2. Review of Agenda & Coursework

- Oregon Ground Water Association Spring 2021 Virtual Classes
- Washington State Ground Water Association 2021 Virtual Classes
- All Star Training Inc 5-hour Water Well Course
- World Wide DownHome DrillFest August 16, 2021
- Northwest PFAS Seminar (AGWT) June 24, 2020 (for #10693)
- Oregon Onsite Wastewater Virtual Conference April 9 & 10, 2021(for #1541)
- JJ Keller & Associates Inc (for Mesa/Hansen Drilling)

3. Closing Remarks

4. Next Meeting

To be determined.

Courses Reviewed on January 6, 2021

WSGWA Virtual CEU Classes November 2020

Driller Session 1

Course	Instructor	Duration (hr)	CECs Assigned	Category	1 st Motion	2 nd Motion	All in favor?
Dept of Ecology rules/regs	Scott Malone	2	0	No course sponsor form			
Redefining the Selection of Water Treatment	Richard Mest	1	1	Other	KG	RG	X
Natural Organic Matter: Tannin	Richard Mest	1	1	Other	RG	KG	X
PFAS	Dave Schulenberg	1	1	Other	JM	RG	X
Zooming	Gary Hix	1	1	Other	KG	JM	X
DR Rig Use	Gary Hix	1	1	Other	KG	JM	X

Driller Session 2

Course	Instructor	Duration (hr)	CECs Assigned	Category	1 st Motion	2 nd Motion	All in favor ?
History & Contribution of Cable Tools	Steve Kaser	2	2	Other	KG	RG	X
Water Rights-WA	Dept. of Ecology	1	0	X	KG	RG	X
Air Rotary Drilling	Richard Thron	1	1	Other	KG	JM	X
Family Business Succession	Jesse Richardson	1	1	Other	KG	RG	X
Borehole Logging	Thom Hanna	1	1	Other	KG	JM	X
Financial Plannin for Water Well Industry	Alex White	1	1	Other	KG	RG	X

Live 8-Hr Pump Installer Classes

Nov 6, 2020: Basic Grounding /Plumbing Code

Nov 13, 2020: WAC-RAC/Hypo Chlorination

Course	Instructor	Duration (hr)	CECs Assigned	Category	1st Motion	2nd Motion	All in favor?
Basic Grounding/ Plumbing Code	Roger Chick & John Twyman	8	4	Other	RG	JM	X
WAC- RCW/Hypo Chlorination	Roger Chick & Chris Lee	8	6	Other	JM	KG	X

National Drilling Association: Virtual Training Day 2020

Course	Instructor	Duration (hr)	CECs Assigned	Category	1st Motion	2nd Motion	All in favor ?
Call Before You Dig	George Gillespie	1	1	Safety	KG	JM	X
Common Issues Identified by Commercial Enforcement Officials	Lieutenant Alan Ogden	1	1	Other	RG	JM	X
Drilling with Diamond bits	Frank Villella	1	1	Other	KG	RG	X
Protecting Yourself from Covid-19	Jim Wright	1	1	Safety	RG	JM	X
Encountering Odorous Gases and Vapors	Brian Mott & Steve Larimar	1	1	Safety	KG	JM	X
Visit Virtual Exhibit Hall		1	1	Exhibit	KG	RG	X

Oregon OSHA Public Education

Course	Instructor	Duration (hr)	CECs Assigned	Category	1 st Motion	2 nd Motion	All in favor?
COVID-19 Training Requirements	OSHA	1	1	Safety	RG	JM	X

NGWA Virtual Groundwater Week 2020

Course	Instructor	Duration (hr)	CECs Assigned	Category	1 st Motion	2 nd Motion	All in Favor?
Groundwater Remediation Part I	Finneran, Kevin	1 hr 40 mins	1.50	General	KG	RG	X
Groundwater & Energy	Sheet, Rod	1	1	General	RG	KG	X
Managed Aquifer Recharge Part I	Parker, Timothy	1 hr 40 mins	1.5	General	KG	JM	X
Groundwater Remediation Part 2	Finneran, Kevin	50 mins	1	Gen	RG	JM	X
Managed Aquifer Recharge Part 2	Parker, Timothy	2	2	Gen	KG	RG	X
Groundwater Modeling	Sheets, Rod	1 hr 20 mins	1.5	Gen	RG	JM	X
PFAS- Part 1	Svitana, Kevin	1 hr 40 mins	1.5	Gen	RG	KG	X
Sustainability & Planning	Alley, William	1	1	Gen	KG	JM	X
Groundwater Monitoring	Sheets, Rod	1	1	Gen	KG	JM	X
PFAS Part 2	Svitana, Kevin	40 mins	0.50	Gen	KG	RG	X
Beyond PFAS: Other Contaminants	Svitana, Kevin	1 hr 40 mins	1.5	Gen	RG	KG	X
Biology & Chemistry of in Situ Activated Carbon...	Finneran, Kevin	1.5	1.5	Gen	RG	KG	X
The Holy Grail-ASR	Gin, Gary	1	1	Gen	KG	JM	X
Drones + Geophysics...	Jansen, John, & Bell, Ron	1	1	Gen	KG	RG	X

Groundwater is Captivating	Brock, Sara	1	1	Gen	JM	KG	X
Hydrogeologic Classification	Hanna, Tom	1	1	Gen	KG	JM	X
Federal Business Income Tax	Dunkle, Melissa	1	1	Gen	KG	JM	X
EcoVoices Mimediatly...	Shope, Richard	1	1	Gen	JM	KG	X
Improving Effectiveness...	Hicks, Brad & Burns, John	1	0.50	Gen	JM	KG	X
How to Read a P&L Statement	Calkins, Becca	1	1	Gen	JM	RG	X
Solar Groundwater...	Drew, Tom	1	1	Gen	JM	KG	X
Water Well Cleaning...	Mansuy, Neil	1	1	Gen	JM	RG	X
Well Cleaning Chemicals...	Duderstadt	1	1	Gen	RG	JM	X
Showcasing your Business...	Smith, Sarah, & Holloway, Amanda	1	1	Gen	KG	RG	X
Water Well Insp. For Real Estate	Hix, Gary	1	1	Gen	JM	KG	X
Single Phase Motor...	Broga, Brian & Tystad, Scott	1	1	Gen	JM	KG	X
Installing All Types of Pump Controls...	Anderson, Stephen	1	1	Gen	JM	RG	X
Groundwater Guardians...	Brock, Sara	1	1	Gen	KG	JM	X
Proper Drill Site Assessment..	Thron, Richard & Layman, Richard	1	1	Gen	RG	JM	X
Things you Didn't Know...	Eisinger, Tony	1	1	Gen	JM	KG	X
Federal Legislative...	Marten, Margaret & More, Jeff	1	1	Gen	KG	JM	X
NPSH & Avoiding Cavitation	Featherstone, Dan	1	1	Gen	JM	RG	X
Helping Well Owners...	Wilson, Steve	1	1	Gen	JM	RG	X

Asset Mgmt for Sustainable Wells...	Smith, Stuart	1	1	Gen	KH	JM	X
Power Quality & Pumps...	Bixler, Alan	1	1	Gen	KG	RG	X
How Covid19 Affected our Business...	Maher, Marie & Fowler, John	1.25	1	Gen	RG	JM	X
Friction Loss Defined & ...	Tystad, Scott	1	1	Gen	JM	KG	X
Smarter & Faster-Tools...	Hendrickson, Matt & McLean, Karr	1	1	Gen	KG	RG	X
Realistic Budgeting...	Williams, Jeffrey	1	1	Gen	JM	RG	X
Pressure Hazards GW Industry....	Fowler, John	1	1	Safety	RG	JM	X
Realistic Budgeting...	Williams, Jeffrey	1	1	Gen	JM	JM	X
Proper Pump Selection...	Kill, David	1	1	Gen	JM	KG	X
Basic Curves/Residnt.	O'Brien, Scott	1	1	Gen	JM	KG	X
PFAS Go Away!...	Hamilton, Stephen	1	1	Gen	RG	JM	X
Marketing Your Business..	Kile, Charles	1	1	Gen	KG	RG	X
Select Right Pump for Job	Wright, Shane	1	.5	Gen	JM	KG	X
Groundwater Remediation Technologies	Cartwright, Peter	1	1	Gen	RG	JM	X
Family Bus. Succession...	Richardson, Jesse	1	1	Gen	KG	JM	X
Large Wells/Small Spaces...	Renner, Roger	1	1	Gen	KG	JM	X
5 Ways to Build a Workplace...	Calkins, Becca	1	1	Gen	KG	RG	X
How to Upgrade your Irrigation...	Burns, John	1	.5	Gen	JM	KG	X
McEllhiney: Good, Bad, Ugly...	McGinnis, Kevin	1	1	Gen	KG	JM	X
Sustainable GW Mgmt	Miller, Gretchen	1	1	Gen	JM	RG	X

Birdsall Dreiss Lecture	Martin, Jonathon & Alley, William	1	1	Gen	JM	KG	X
Imp. Value Legacy Data...	Robert	1.5	1.5	Gen	JM	RG	X