



Oregon

Kate Brown, Governor

Water Resources Department

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Meeting: Continuing Education Committee (OWRD)

Today's Date: March 2, 2023

Location: TEAMS

Chairperson: James Mack Sr, #1493, Bandon Well & Pump Co

Note Taker: Buffy Madrigal-Adams

In Attendance (October 18, 2022): Jim Mack Sr.#1493, Bandon Well & Pump Co., Joel Jeffery #10074, Tommy Laird, OWRD, Nancy Sawka, DEQ, Anthony Chavez, DEQ, Kevin Gill #1835, Clouser Drilling Inc Scott Kudlemyer, OWRD

Absent: *Joel Jeffery left the meeting briefly for 15 minutes to attend to a personal matter; quorum requirement met during his absence.*

Agenda

1. Review of Previous Minutes

- a. See attached for courses reviewed.

2. Other Business:

- a. Joel Jeffery #10074 has stepped down as a Continuing Education Committee member representing the drilling community. The Department continues to seek a replacement. As a reminder, until this position is filled, statutory requirement for a quorum for this committee is 4 members in attendance.

Courses to be reviewed:

- b. 2023 Oregon Ground Water Association (OGWA) Spring Technical
- c. 2023 Washington State Groundwater Association (WSGWA) Spring Seminar
- d. IGWA 2023 courses -taught by WRD
- e. All Star Training (online courses)

COURSES REVIEWED OCTOBER 18, 2022 CON'T EDUC.COMMITTEE RESULTS

NGWA GW Week 2022 Course	Instructor	Duration (hr)	#CECs	Category	1 st motion	2 nd motion	All in favor ?
Air Drilling Best Practices	D Anderson	1	1	Gen	KG	TL	X
Joint Workshop: Next Gen Z drillers	B Yordy	1	1	Gen	KG	TL	X
Understanding your inputs, etc	J Williams	1	1	Gen	JM	AC	X
VFD Symposium	T Stephen et al	2	2	Gen	AC	TL	X
A Proven Framework for Building Your Brand	D Bernardino	1	1	Gen	KG	TL	X
All Things Hammers & Bits	L Shipman	1	1.0	Gen	JM	AC	X
Alternative Drilling Fluids for Deep Diameter Wells	J Hutmacher	1	1	Gen	JM	TL	X
Chlorine, Most Misunderstood Chemical	K McGinnis	1	1	Gen	Prev. Approved	Prev. Approved	X
Hiring, training Next Gen Drillers	B Yordy	1	1	Gen	Prev. Approved	Prev. Approved	X
Innovative Techniques Well Design	M Glotfelty	1	1	Gen	JM	KG	X
Pump Panel Electrical Install/Maint	M Berger	1	1	Gen	JM	KG	X
Using Search Engine Optimization	S. Tystad	1	1	Gen	Prev. Approved	Prev. Approved	X
Experiences in Water Well drilling Developing Countries	S Smith	1	1	Gen	KG	JM	X
HE IX Softening exchanging Salt for Savings	S Hamilton	1	1	Gen	KG	JJ	X
Proper Drill Site Assessment	R Thron R Layman	1	1	Gen	Prev. Approved	Prev. Approved	X
Understanding Internet of Things	B Broga	1	1	Gen	AC	JJ	X
Energy Based Hazard ID	J Wright	1	1.0	Safety	JM	JJ	X

COURSES REVIEWED OCTOBER 18, 2022 CON'T EDUC.COMMITTEE RESULTS

Smart Motors & Intelligent Systems	J Goldberg	1	1	Gen	KG	JM	X
Water Well Decommissioning	R. Thron	1	1	Gen	NS	JJ	X
Basic Pump Sizing Tools/Calcs	D Featherstone	1	1	Gen	JM	JJ	X
Constructing & Design a Well – Good Value	T Hanna	1	1	Gen	KG	JM	X
Electrical Safety in Drilling/Pump Sv	J Wright	1	1	Safety	JM	AC	X
Joint Workshop: Hazards ID Tactics	D Bowers	1	1	Safety	JM	TL	X
A Contractor's Guide to VFDs	J McBride	1	1	Gen	AC	KG	X
Fundamentals of Electric Motors	R Thron	1	1	Gen	JM	JJ	X
Sonic Drilling	M Epley	1	1	Gen	TL	NS	X
4" Motors & Meters	T Stephen	1	1	Gen	KG	JM	X
Family Business Succession	J Richardson	1	1	Gen	Prev. Approved	Prev. Approved	X
All About Permanent Magnet Motors	B Schumm	1	1	Gen	JJ	JM	X
Membership/McElhiney	F Rothauge	.75	.50	Gen	KG	JJ	X
...Perception to Reality	D Schulenberg	1	1	Gen	JM	TL	X
Off Grid Water Pumping	N Bacoski	1	1	Gen	KG	TL	X
Well Performance Evaluation	K McGillicuddy	1	1	Gen	JM	TL	X

OGWA Oct 2022 Course	Instructor	Duration (hr)	CECs	Category	1st Motion	2nd Motion	All in favor?
Legislative Update	G. Ingram	1	1	Gen	JM	KG	X
Emergency Preparedness for Your Business	Sonya McCormick	1	1	Gen	JM	JJ	X *see minutes for vote withdrawn

COURSES REVIEWED OCTOBER 18, 2022 CON'T EDUC.COMMITTEE RESULTS

Modernization of Well Construction Program	T Kelly	1	1	Rules	KG	TL	X
Roundtable Discussion w/ Travis	T Kelly	1	1	Rules	JJ	JM	X
OGWA Gov't Affairs Update	K Gill	1	1	Gen	JJ	TL	X
Cementing Techniques	Jack & Kirby	1	1	Gen	JM	AC	X
Insurance & Risk 2022	K Craig	1	1	Gen	JJ	TL	X
Building Trust	R Mest	2	2	Gen	KG	AC	X