



Oregon

Tina Kotek, Governor

Oregon Water Resources Dept

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www.oregon.gov/owrd

Meeting: Continuing Education Committee (OWRD)

Today's Date: February 13, 2024

Location: TEAMS

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

Note Taker: Buffy Madrigal-Adams

In Attendance (October 17, 2023): Jim Mack Sr.#1493, Bandon Well & Pump Co., Kevin Chambers, K Consulting, #1980, Tommy Laird, OWRD, Nancy Sawka, DEQ, Anthony Chavez, DEQ, Kevin Gill #1835, Clouser Drilling Inc, Nancy Sippel, OGWA

Absent: None

Agenda

1. Review of Previous Minutes - see attached for approved courses

2. Other Business

3. Courses to be reviewed:

- a. Oregon Groundwater Spring Technical (19 courses)
- b. Pacific Northwest Expo (11 courses)
- c. Washington State Ground Water Association Spring CEU Seminar (one course)
- d. Idaho Ground Water Association Annual Convention (13 courses)
- e. Reasonable Suspicion Training for Supervisors (on behalf of Neil Fagen #1970) (one course)

Courses Reviewed Oct 17, 2023

Oregon Groundwater Fall Convention 2023

Course	Instructor	Duration (hr)/CEs	Category	1 st motion	2 nd motion	All in favor?
Water & the Well	OPB Movie	1	Gen	KG	TL	X
2023 Legislative Update	G.Ingram	1	Gen	JM	KG	X
HB2145 Update	T.Kelly	1	Rules	TL	AC	X
Water Rights 101	B.Nashem	1	Rules	KG	TL	X
Things I wish I Knew...	S. Kaser	1	Gen	NS	TL	X
Solar Pump Technology	B. Twiss	1	Gen	KG	NS	X
Emerging Contaminants	R. Mest	1	Gen	NS	KG	X
Keeping Your Water Clean	Z.McChesney	1	Gen	TL	KG	X
Recruiting, Hiring, Retaining Employees	P.Newport	1	Gen	JM	AC	X
Risk Mgmt Small Busins.	S. Meyer	1	Gen	TL	KC	X
Planning for a Mud Drilling Project	J.Sowers	1	Gen	AC	NS	X
CDL Challenges	R. Gill	1	Gen	TL	JM	X
Preparing Well for Pump Installation	J.Dennis	1	Gen	KG	TL	X
VFD Tech for Water Sys	R.Reeves	1 (0.50)	Gen	JM	KC	X
Monitoring Critical System Components I	N.Kennelly	1 (0.50)	Gen	TL	KG	X
Monitoring Critical System Components II	R.Reeves	1 (0.50)	Gen	TL	AC	X
Round Table	G.Kupillas	1	Rules	NS	KC	X

Washington State Groundwater Association 2023 Annual Convention

Course	Instructor	Duration (hr) CECs	Category	1 st Motion	2 nd Motion	All in favor?
Collections & Liens	L.Linville	1	Gen	KG	TL	X
Contracting Owners & Gen Contractors	L.Linville	1	Gen	AC	KC	X
Industry Happenings	G.Smith	1	Gen	TL	KC	X
Methodology of Well Screens	D.Boyce	2	Gen	NS	JM	X
Hypo Chlorination/NEC	R.Chick	8 (4)	Gen	KG	TL	X

Drillers of the Roundtable	Various	1	Gen	TL	AC	X
Hoses, Fittings, Incompatible Oils	D.Farmer	1	Gen	KG	JM	X
Proper Drill Site assessment	R.Thron	1	Gen	AC	NS	X
Water Well Decommissioning *	R.Thron	1 (0.50)	Gen	TL	NS	X
Water Law Issues**	J.Richardson	1	Gen	KG	KC	X
Bus. Succession Planning	J.Richardson	1	Gen	JM	KC	X
In the Heat of the Day	D.Boyce	1	Safety	TL	KC	X
VFD/Code Violations	R.Chick	8 (4)	Gen	TL	KC	X

**Tommy Laird proposed 1.0 CEC, changed to 0 CECs then proposed 0.50 CEC in the general category.*

***Kevin Chambers proposed 0 CECs then rescinded the proposal.*

Washington State Groundwater Association Fall 2023 CEU Seminar

Course	Instructor	Duration (hr) CECs	Category	1st Motion	2nd Motion	All in favor?
Commercial Vehicle Regs Review	WA Patrol	1 (0.50)	Gen	KC	KG	X
Avoiding Collisions & Load Securements	WA Patrol	1	Gen	JM	NS	X
Understanding & Addressing Well Performance Issues	J.Bailey	3	Gen	AC	TL	X

National Ground Water Association Groundwater Week 2023

Course	Instructor	Duration (hr) CECs	Category	1st Motion	2nd Motion	All in favor?
Ultraviolet 101	T. Oosterveld	1	Gen	KC	NS	X
Casing Advancmnt 101	J. Lewis	1	Gen	KC	AC	X
Respirators/Hazards of Silica	J.Fowler	1	Safety	KC	TL	X
Select the Right Submersible Pump	A. Buuck	0.50	Gen	TL	KC	X
Unleashing Efficiency	S.Byfield	0.50	Gen	KC	NS	X
Navigating Build America Buy America Act*	P.Hogg	1.0	Gen	KC	AC	X
Drilling Basics	K.Anderson	1.0	Gen	KC	JM	X

The Institutional Mrkt & Value it Presents	J.DiEnna	1.0	Gen	KC	TL	X
Motors:Understanding Why they Fail	D.Featherston	0.50	Gen	TL	KC	X
Motor Protection	M.Farrar	1.0	Gen	AC	KC	X
Groundwater Equipment Testing	M.Nehring	1.0	Gen	JM	KC	X
Loss Circulation	F.Rothauge	1.0	Gen	KC	NS	X
Case Studies Geothermal Systems	D.Henrich	1.0	Gen	KC	NS	X
Understanding Meters & Meggers	D.Painter	1.0	Safety	KG	AC	X
Emerging Contaminants	R.Mest	1.0	Gen	NS	KG	X
Sonic Drilling	W.Keyes	1.0	Gen	NS	AC	X
Training New Drillers	B.Yordy	1.0	Gen	JM	AC	X
Renewable Energy Pumping	A.Bixler	1.0	Gen	KG	TL	X
Uses of Chemicals	K.McGinnis	1.0	Gen	AC	NS	X
Mud Testing	S.Krause	1.0	Gen	JM	TL	X
Dual Rotary Drilling & Geothermal Holes	D.McGladdery	1.0	Gen	TL	AC	X
Optimize Irrigation Jobs	J.Chiarella	0.50	Gen	JM	TL	X
Winning Your Brand's Key Moments	D.Bernardino	1.0	Gen	KG	TL	X
A Bit's a Bit	L.Shipman	1.0	Gen	AC	TL	X
Safety & New Hires	B.Yordy	1.0	Safety	AC	NS	X
Pump Panel Electrical Installation & Maint.	M.Berger	0.50	Gen	TL	NS	X
Electrical Basics	T.Stephan	1.0	Safety	KG	AC	X
Water Well Disinfection	D.Teeters	1.0	Gen	JM	TL	X
Well Develop. In Field	M.Schneiders	1.0	Gen	TL	NS	X
Safety around Drill Site	M.Glotfelty	0.50	Safety	TL	AC	X
VFDs- Did you Know	J.McBride	0.50	Gen	JM	TL	X
Aqua Scopic Well Rehab	R.Roerick	1.0	Gen	NS	JM	X
Sieve Analysis	J.Kuhn	1.0	Gen	JM	NS	X
Lab Evals Well Fouling	M.Schneiders	1.0	Gen	KG	JM	X
Preparing to Sell Your Business	A.Neilson	2.0	Gen	NS	JM	X
Grouting/Abandonment Methods	J.Hutmacher	1.0	Gen	AC	KG	X
2023 State of Water Well Industry Report	M.Martens	1.0	Gen	JM	KG	X

Improving Irrigation Pumping	M.Derner	0.50	Gen	NS	KG	X
Next Gen Roudtable	D.Henrich	1.0	Gen	TL	AC	X
Evaluting Acquiifer Recharge	L.House	1.0	Gen	NS	TL	X
PFAS in Groundwater	C.Elliott	1.0	Gen	NS	JM	X
Using Resisvisity	J.Adco	1.0	Gen	KG	AC	X
NMR Technology	D.Morozov	1.0	Gen	TL	JM	X
Geophysical Methods	K.Mayberry	1.0	Gen	NS	TL	X
Decentralized Systems & MAR	D.Hallahan	1.0	Gen	KG	TL	X

WorldWide DownHome DrillFest 2023

Course	Instructor	Duration (hr) CECs	Category	1st Motion	2nd Motion	All in favor?
Well Dev & Rehab	D.Teeters	1	Gen	NS	TL	X
Air Drilling	R.Peterson	1	Gen	KG	TL	X
The Good, the Bad, the Ugly, & Outcome of Communication in the Workplace	T.Cunningham	1	Gen	NS	TL	X
What You Do Before You Roll a Tire	T.Cunningham T.Navarrette	1	Safety	KG	NS	X
Casing Advanmnt 101	J.Lewis	1	Gen	JM	TL	X
Tips for Handling Hammer/Bit Warranties	L.Shipman	1	Gen	TL	KG	X
Well Visuals: Integrating Art, Photography, Video & social media for Marketing Success	S.Marlow	1	Gen	KG	JM	X
Successful Business Management Requires	V.Jones	1	Gen	TL	JM	X

National Drilling Association Convention 2023

Course	Instructor	Duration (hr) CECs	Category	1st Motion	2nd Motion	All in favor?
Safety Leadership	D.Dunn	0.50	Safety	NS	TL	X
Culture over Compliance	B.Brogen	0.50	Gen	KG	NS	X

Logistics & Planning- Remote Drilling Svcs	D.Rogers	1.0	Gen	KG	TL	X
Improving In Situ Thermal Remediation Outcomes with Creative Drilling Approaches	C.Wildman	1.0	Gen	NS	TL	X
Portville Flood Relief Well Replacement Project	J.Knapp	1.0	Gen	TL	JM	X