

AGENDA- AWWA Spring Short Course

April 15-16, 2019 ~ DMACC ~ FFA Enrichment Center ~ Ankeny, IA

Monday ~ April 15, 2019

Registration, Continental Breakfast ~ 7:45-8:50 a.m.

Prog	Time	CEUs	Category(ies)	Combined Track (Room: A; #106)
---	8:50-9:00	---	---	<u>Welcome & Announcement</u>
10	9:00-10:00	0.1	WD, WT, WW	<u>Drones & VR</u> <i>Garrett Burgess and D.J. Rother, ISG</i>
---	10:00-10:15	---	---	<u>~ NETWORKING BREAK ~</u>
11	10:15-11:15	0.1	WD, WT, WW	<u>Navigating the Silica Standard. Challenging...Yes. Impossible...No</u> <i>Ned Miller, N.L. Miller Consulting</i>
12	11:15-12:15	0.1	WD, WT, WW	<u>How to Communicate with Utility Boards and City Councils</u> <i>Brian Gongol, DJ Gongol & Associates, Inc.</i>
---	12:15-1:00	---	---	<u>~ LUNCH (All) Room: B ~</u>
Prog	Time	CEUs	Category(ies)	Water Combined Track (Room: A; #106)
13	1:00-2:00	0.1	WD, WT	<u>IDNR Water Update</u> <i>Diane Moles, IDNR Water Supply</i>
14	2:00-3:00	0.1	WD, WT	<u>Cross Connection Control</u> <i>John Lins, Des Moines Water Works</i>
Prog	Time	CEUs	Category(ies)	Wastewater Track (Rooms: E/F; #112/113)
15	1:00-2:00	0.1	WW	<u>North Liberty's Membrane Bioreactor & Nutrient Reduction Expansion Project</u> <i>Steve Troyer, FOX Engineering</i>
16	2:00-3:00	0.1	WW	<u>IDNR Wastewater Update</u> <i>Tom Atkinson, Iowa DNR Field Office 5</i>

*** Attendees MUST sign-in at each session attended. Sample IDNR CEU form on the back.**

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April 15-16, 2019 ~ DMACC ~ FFA Enrichment Center ~ Ankeny, IA

Tuesday ~ April 16, 2019

Registration, Continental Breakfast ~ 7:30-8:30 am

Prog	Time	CEUs	Category(ies)	Water Distribution Track (Room: A; #106)
50	8:30-9:30	0.1	WD	<u>Tank Maintenance: Why and How?</u> – Aaron Pickens, Iowa DNR and Jerod Birchell, Liquid Engineering Corporation
51	9:30-10:30	0.1	WD	<u>Leak Detection & Corrosion/Cathodic Protection</u> – Marty Kunkel, Newton WaterWorks and Steve Marsh, IAMU
---	10:30-10:45	---	---	~ NETWORKING BREAK (All Tracks)~
52	10:45-11:45	0.1	WD	<u>Distribution System 101</u> - Ed Slattery, Stanley Consultants, Inc.
---	11:45-12:30	---	---	~ LUNCH (All Tracks) Room: B ~
53	12:30-1:30	0.1	WD	<u>Main Break Response: System and DNR Perspectives</u> – Janet Gastineau, Iowa DNR Field Office #5 and Jenny Puffer, Des Moines Water Works
54	1:30-2:30	0.1	WD	<u>Distribution System Flushing</u> – Justin Clausen, City of Ames
Prog	Time	CEUs	Category(ies)	Water Treatment Track (Rooms: C/D; #108/109)
55	8:30-9:30	0.1	WT	<u>Water Microbiology 101</u> – Katie Franck, Des Moines Water Works
56	9:30-10:30	0.1	WT	<u>Training New Operators – Panel Discussion</u> – Trevor Kleppe, City of Ames and Craig Meacham, City of Iowa City – Water Division
---	10:30-10:45	---	---	~ NETWORKING BREAK (All Tracks)~
57	10:45-11:45	0.1	WT	<u>Membrane Treatment for Drinking Water</u> - Matthew Hawes, FOX Engineering
---	11:45-12:30	---	---	~ LUNCH (All Tracks) Room: B ~
58	12:30-1:30	0.1	WD, WT, WW	<u>Math</u> – Kris Evans, City of Ames
59	1:30-2:30	0.1	WT	<u>Wellhead and Source Water Protection: Big Picture and Funding</u> Jeanette Beekman, City of Pierson and Bridget Durst, CDI/ Iowa DNR
Prog	Time	CEUs	Category(ies)	Wastewater Track (Rooms: E/F; #112/113)
60	8:30-9:30	0.1	WD, WW	<u>Jet Truck/Televising</u> – Shane Jacobson, CIT Sewer Solutions
61	9:30-10:30	0.1	WW	<u>Established, Emerging and Future Nutrient Removal Technologies</u> Brian Bakke, HDR, Inc.
---	10:30-10:45	---	---	~ NETWORKING BREAK (All Tracks)~
62	10:45-11:45	0.1	WW	<u>Secondary Treatment at Cedar Rapids WPCF – Now and in the Future</u> Jim Flamming, P.E., City of Cedar Rapids Utilities Dept.
---	11:45-12:30	---	---	~ LUNCH (All Tracks) Room: B ~
63	12:30-1:30	0.1	WW	<u>Odor Control</u> – Tim Wilke, P.E., City of Iowa City
64	1:30-2:30	0.1	WW	<u>VFD Application and Operation</u> – Pete MacPherson, Minnesota Pumpworks
Prog	Time	CEUs	Category(ies)	Maintenance Track (2 Hour Class) (Room: G; #114)
65 & 66	8:30-9:30 and 9:30-10:30	0.2	WD, WT, WW	<u>CL-17 & Turbidimeter Setup, Troubleshooting, and Maintenance</u> Tate Ponsar and Donald Klein, Hach Company
---	10:30-10:45	---	---	~ NETWORKING BREAK (All Tracks)~

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