

**AOWMA 2019 Convention & Trade Show**  
**Refresh, Update, Master – Better Installer, Better Industry**  
*Schedule is subject to change*

<b>Date &amp; Time</b>	<b>Event</b>	<b>Speaker</b>	<b>Location</b>
<b><u>Thursday, February 7, 2019</u></b>			
7:00 a.m.	Registration Desk Opens		Foyer
7:15 a.m. – 8:15 a.m.	Breakfast		Monaco/Santano (Tuscany)
8:00 a.m. – 8:15 a.m.	Opening Remarks	Chic Shaw AOWMA	Monaco/Santano (Tuscany)
8:15 a.m. – 9:00 a.m.	Case Studies of High Strength the Wastewater	Dr. Sara Heger University of Minnesota	Monaco/Santano (Tuscany)
8:30 a.m. – 3:00 p.m.	Vac Truck Technician Training	Bruce Fox National Association of Wastewater Technicians	Palermo
9:00 a.m. – 9:45 a.m.	Onsite Wastewater Certification Review Committee Update	Dean Morin Stephen Hirose Alberta Municipal Affairs Rick Baxter The Inspections Group	Monaco/Santano (Tuscany)
9:45 a.m. – 10:15 a.m.	Documenting Your Work – Which Files are Important?	Scott Shaw Alaqua Water Systems Inc.	
10:15 a.m. – 10:30 a.m.	Coffee Break		Monaco/Santano (Tuscany)
10:30 a.m. – 11:00 a.m.	The Certifications You Need for Systems in Alberta	Aleena Pawlik FRP Manufacturing (2010) Ltd.	Monaco/Santano (Tuscany)
11:00 a.m. – 11:30 a.m.	New Permitting Requirements in Open Areas	Charles Hallett Alberta Safety Codes Authority	Monaco/Santano (Tuscany)
11:30 a.m. – 12:15 p.m.	Dept of Transport Requirements for Trucking & Equipment Hauling	Jesse Berry Bear Excavating	Monaco/Santano (Tuscany)
12:15 p.m. – 1:00 p.m.	Lunch		Monaco/Santano (Tuscany)
1:00 p.m. – 1:45 p.m.	Permit Applications – How Do You Measure Up?	Nicole Paggett Park Enterprises	Monaco/Santano (Tuscany)
1:45 p.m. – 2:30 p.m.	Chemicals of Emerging Concern	Dr. Sara Heger University of Minnesota	
2:30 p.m. – 3:15 p.m.	Effluent Sewer Comparison & Life Cycle Costs	Keven Kelly Orenco Systems Inc.	Monaco/Santano (Tuscany)
3:00 p.m. – 9:00 p.m.	Trade Show is OPEN		Trade Show Hall

3:45 p.m. – 4:15 p.m.	<b>Designing for High Strength Wastewater</b>	<b>Miles MacCormack, P Eng BNA Inc.</b>	<b>Palermo</b>
3:00 p.m. – 4:00 p.m.	<b>Pumper Meeting</b>	<b>Kraig Rakowski AOWMA</b>	<b>Valencia</b>
3:45 p.m. – 4:15 p.m.	<b>Tanks and Lid Safety</b>	<b>Clayton Foster ADS Ltd.</b>	
4:45 p.m. – 5:15 p.m.	<b>The EnviroSeptic Treatment and Dispersal System</b>	<b>DBO Expert</b>	<b>Valencia</b>
5:45 p.m. – 6:15 p.m.	<b>Job Costing</b>	<b>Dennis Herr</b>	<b>Valencia</b>
6:00 p.m. – 9:00 p.m.	<b>Networking in the Trade Show Hall Happy Hour – Free Craft Beer &amp; Food Pairings Cash Bar is also open</b>		<b>Trade Show Hall</b>
7:00 p.m. – 7:30 p.m.	<b>The Advantex Treatment System</b>	<b>Keven Kelley Orenco Systems Inc.</b>	<b>Valencia</b>
8:00 p.m. – 8:30 p.m.	<b>Proper Tank Bedding Processes</b>	<b>David Dallaire Alberta Wilbert Sales</b>	<b>Santano</b>
9:00 p.m.	<b>Trade Show Closes</b>		<b>Trade Show Hall</b>
<b><u>Friday, February 8, 2019</u></b>			
7:00 a.m.	<b>Registration Opens</b>		<b>Trade Show Hall</b>
7:00 a.m. – 9:00 a.m.	<b>Breakfast &amp; AGM</b>		<b>Trade Show Hall</b>
9:00 a.m. – 1:00 p.m.	<b>Trade Show</b>		<b>Trade Show Hall</b>
9:00 a.m. – 1:00 p.m.	<b>Basic Confined Space Entry Certification</b>	<b>John Kenyon Dynamic Rescue</b>	<b>Santana</b>
9:30 a.m. – 10:00 a.m.	<b>The Importance of Line Locating</b>	<b>Rocky Pooke 2<sup>nd</sup> Call</b>	<b>Monaco</b>
10:30 a.m. – 11:00 a.m.	<b>Pressure Distribution Demo</b>	<b>Bob Boersema AOWMA</b>	<b>Trade Show Hall</b>
10:30 a.m. – 11:30 a.m.	<b>Work Camp Group Meeting</b>	<b>Dean Morin David Dobson Alberta Municipal Affairs</b>	<b>Palermo</b>
10:15 a.m. – 10:45 a.m.	<b>Coffee Break</b>		<b>Trade Show Hall</b>
11:30 a.m.– 12:00 p.m.	<b>Basic Electrical Theory &amp; Panel Troubleshooting</b>	<b>Tim Callander SJE Rhombus</b>	<b>Monaco</b>
12:00 p.m. – 12:45 p.m.	<b>Lunch</b>		<b>Trade Show Hall</b>
12:45 p.m. – 1:00 p.m.	<b>Opening Remarks</b>	<b>AOWMA President</b>	<b>Monaco/Santano (Tuscany)</b>

<b>1:00 p.m. – 1:45 p.m.</b>	<b><i>The Ecology of Nutrient Loading</i></b>	<b><i>Dr. Larry Kapustka Certified Emeritus Senior Ecologist</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>1:45 p.m. – 2:15 p.m.</b>	<b><i>Impact of High Efficiency Furnace Effluent</i></b>	<b><i>Bruce McColm Northern Waste Water Systems</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>2:15 p.m. – 3:00 p.m.</b>	<b><i>Compaction - the Enemy of System Longevity</i></b>	<b><i>Dr. Sara Heger University of Minnesota</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>3:00 p.m. – 3:15 p.m.</b>	<b><i>Coffee Break</i></b>		<b><i>Monaco/Santano (Tuscany)</i></b>
<b>3:15 p.m. – 4:00p.m.</b>	<b><i>The Impact of Water Softeners on Septic Systems</i></b>	<b><i>Dr. Chris Kinsley University of Ottawa</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>4:00 p.m. – 4:45 p.m.</b>	<b><i>Installing for Maintenance</i></b>	<b><i>Barry Rumsey Bioharmony</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>4:45 p.m. – 5:30 p.m.</b>	<b><i>Line Location Modelling in Google Earth</i></b>	<b><i>Chris Manchester LN Land Development</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>6:30 p.m. – 7:00 p.m.</b>	<b><i>Happy Hour</i></b>		<b><i>Foyer</i></b>
<b>7:00 p.m. – 10:00 p.m.</b>	<b><i>Banquet Entertainment</i></b>		<b><i>Monaco/Santano (Tuscany)</i></b>

**Saturday, February 9, 2019**

<b>7:00 a.m.</b>	<b><i>Registration Open</i></b>		<b><i>Foyer</i></b>
<b>7:15 a.m. – 8:15 a.m.</b>	<b><i>Breakfast</i></b>		<b><i>Monaco/Santano (Tuscany)</i></b>
<b>8:15 a.m. – 9:00 a.m.</b>	<b><i>Even Santa is Trained &amp; Certified</i></b>	<b><i>Dr. Larry Kapustka Certified Emeritus Senior Ecologist</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>9:00 a.m. – 9:45 a.m.</b>	<b><i>Marketing for Small Business</i></b>	<b><i>Christine Reyes Refresh Marketing</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>9:45 a.m. – 10:15 a.m.</b>	<b><i>Contractor Responsibilities Under the Safety Codes Act</i></b>	<b><i>Joe Petryk Alberta Municipal Affairs</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>10:15 a.m. – 10:30 a.m.</b>	<b><i>Coffee Break</i></b>		<b><i>Monaco/Santano (Tuscany)</i></b>
<b>10:30 a.m. – 11:00 a.m.</b>	<b><i>Installing Electrical Components Properly</i></b>	<b><i>Ed Lemke CSWS</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>11:00 a.m. – 12:00 p.m.</b>	<b><i>Designing &amp; Installing Evapo-transpiration Beds</i></b>	<b><i>Bruce McColm Northern Waste Water Systems</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>12:00 p.m. – 12:45 p.m.</b>	<b><i>Advanced Soils: The Concept of C.O.L.E in Soils Evaluation – Part 1</i></b>	<b><i>Kent Watson, B Sc International Remote Sensing Surveys Ltd</i></b>	<b><i>Monaco/Santano (Tuscany)</i></b>
<b>12:45 p.m. – 1:30 p.m.</b>	<b><i>Lunch</i></b>		

<b>1:30 p.m. – 2:15 p.m.</b>	<b>Advanced Soils – Part 2</b>	<b>Kent Watson International Remote Sensing Surveys Ltd.</b>	
<b>2:15 p.m. – 4:45 p.m.</b>	<b>System Size &amp; Selection Pressure Distribution Calculating Dose Volumes</b>	<b>Daniel Morris Lanny LaRoche Barry Bohn</b>	<b>Monaco/Santano (Tuscany)</b>
<b>3:00 p.m. – 4:00 p.m.</b>	<b>Heartmath Stress Management Techniques</b>	<b>Kent Watson</b>	<b>Palermo</b>

*The afternoon session will work through all the design and installation considerations of a case study.*

<b>3:30 p.m. – 3:45 p.m.</b>	<b>Coffee Break</b>		<b>Monaco/Santano (Tuscany)</b>
<b>4:45 p.m. – 5:45 p.m.</b>	<b>Continuing Education Discussion &amp; Round Table</b>	<b>Dean Morin Alberta Municipal Affairs</b>	<b>Monaco/Santano (Tuscany)</b>
<b>5:45 p.m.</b>	<b>Closing Remarks Grand Prize Draw</b>		

***Have a safe trip home – see you in 2020!***