# Second Annual BCWWA Operator Continuing Education Day & Trade Show

Tuesday, November 27th, 2018

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<th>Time</th>
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<td>7:30-8:00</td>
<td><strong>REGISTRATION &amp; CONTINENTAL BREAKFAST</strong></td>
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| 8:00-8:15 | **BALLROOM EAST (RM 114)**  
Welcome                                                                 |
| 8:15-9:00 | **BREAKOUT 1 (RM 111)**  
**Water Distribution**  
Moderator: Yonatan Yohannes, City of Surrey  
**Wastewater Collection**  
Moderator: Doug Haagen, City of Abbotsford  
**Breakout 2 (RM 113)**  
**Water Treatment**  
Moderator: Senja Kylmala, Metro Vancouver  
**Breakout 3 (RM 115)**  
**Wastewater Treatment**  
Moderator: Curtis Burkowsky, Westcan Environmental  |
| 9:00-9:30 | **BC One Call**  
**Best practices for excavation and safety**  
Darlene Dyson, BC One Call  
**Confined spaces - WorkSafeBC Chapter 9 review update**  
Nola Graham, Metro Vancouver  
**Jar testing: Tips, tricks and the cheater method**  
Mark Carey, Waterhouse Environmental Services  
**Contaminants of Emerging Concerns (CECs): Implications for water and wastewater systems**  
Perrth Liyanage, Stantec  |
| 9:30-10:00 | **Construction permits and watermain breaks - Best practices and guidelines**  
Michael Wu, Vancouver Coastal Health  
**Collection system flowmeters: Making the right choice**  
Blake Tonogai, ACG Technology Ltd and Envirocan  
**Passive membrane systems for small communities**  
Pierre Bérubé, University of British Columbia  |
| 10:00-10:15 | **COFFEE BREAK**                                                                            |
| 10:15-10:45 | **Advanced Metering Infrastructure (AMI): What is it and what’s in it for me?**  
Keesha Rosario, KTI Limited/Sensus Canada  
**Compare and contrast: Gravity and low pressure sewer systems**  
Christine McTavish, John Brooks Company  
**Chlorine residual measurement techniques**  
Brendan Whelan, Cleartech  
**Using cameras for control and safety (not just security)**  
Owen Hicks, Spartan Controls  |
| 10:45-11:30 | **BALLROOM EAST (RM 114)**  
**Water Distribution**  
Moderator: Yonatan Yohannes, City of Surrey  
**Wastewater Collection**  
Moderator: Doug Haagen, City of Abbotsford  
**Water Treatment**  
Moderator: Senja Kylmala, Metro Vancouver  
**Wastewater Treatment**  
Moderator: Curtis Burkowsky, Westcan Environmental  |
| 11:30-1:00 | **LUNCH - BALLROOM WEST**  
Trade Show  
Networking  
Mini-Operator Challenge - Chlorine Dosing  |
| 1:00-2:00 | **BALLROOM EAST (RM 114)**  
**So you have a watermain break... Now what?**  
Dave Brewer, USC Canada  
**Solids handling in lift stations**  
Mike Donnelly, Vaughn Company  
**Best practices for water filter audits**  
David Hambly, Anthractech Western Inc. (AWI)  
**Driving the digital enterprise in the water industry**  
Sean Beinhezel, Siemens  |
| 2:00-3:00 | **Inline work without shutdowns**  
Brandon Pater, Pacific Flow Control  
**Motor and VFD reliability matters**  
Aaron Johnson, Spartan Controls  
**Ozone reactor concentration and dosage optimization**  
Willyam Dragon and Scott Hayton, Metro Vancouver  
**Where the rubber hits the road: Wastewater treatment advancements that actually make an operator’s life easier**  
Chris Howorth, Veolia  |
| 3:00-3:15 | **COFFEE BREAK**                                                                            |
| 3:15-4:15 | **Ballroom East (RM 114)**  
**Water Distribution**  
**Wastewater Collection**  
**Breakout 1 (RM 111)**  
**Breakout 2 (RM 113)**  
**Breakout 3 (RM 115)**  
**Water Treatment**  
**Wastewater Treatment**  
Moderator: Curtis Burkowsky, Westcan Environmental  |
| 4:15-4:30 | **Closing remarks**                                                                          |