

9:00 am - 10:00 am ● **Keynote Address: Sara Hager** (45 min presentation, 15 min Q&A)

Case Studies	Technical Talks	Workplace/Small Business Issues
<ul style="list-style-type: none"> ▶ Case study of the MontHill Golf Club onsite sewage system Madeline Carter <i>GM Blueplan</i> 	<ul style="list-style-type: none"> ▶ How to properly size effluent pumps for septic tank effluent systems Steve Ritsema <i>Liberty Pumps</i> 	<ul style="list-style-type: none"> ▶ Health Anxiety Jack Veitch <i>Mental Health Works</i>
<ul style="list-style-type: none"> ▶ Quebec food processing plant: system design and performance review Dominic Mercier <i>Eljen</i> 	<ul style="list-style-type: none"> ▶ Innovative application of electroflootation technology for microbrewery wastewater treatment James Arambarri <i>ORWC/Guelph University</i> 	<ul style="list-style-type: none"> ▶ The workforce dilemma: attracting, training and retaining talent Alex Morales <i>National Precast Association</i>
<ul style="list-style-type: none"> ▶ Design, challenges, and operation for a large manufacturing facility with enhanced nitrogen removal Greg Corman, Brady Straw <i>Waterloo Bio filter</i> 	<ul style="list-style-type: none"> ▶ Nitrification, challenges and optimization for the onsite systems Hamed Mahdavi <i>RH2O</i> 	

10:00 am - 12:00 pm

10:00 am - 11:30 am

● **MTO Regulatory updates**
Hank Dubee
MTO Safety & Enforcement

OWA'S 2021 CONVENTION
Tuesday, March 30

9:00 am - 10:00 am ● **Part 8 Panel Discussion:** Bill Goodale (*Tatham Engineering Ltd.*), Danielle Ward (*Adams Brothers*), Kevin Warner (*Cambium Inc.*), Brad Smale (*Township of Norwich*)

Case Studies	Technical Talks	Decentralized Discussion
<ul style="list-style-type: none"> ▶ RBC retrofits - two communities, two approaches Carolyn Chan <i>GM Blue Plan</i> 	<ul style="list-style-type: none"> ▶ Combined treatment and dispersal (CTD) systems: what, how and why Dick Bachelder <i>Infiltrator</i> 	<ul style="list-style-type: none"> ▶ Peterborough area decentralized system case study John Levie <i>Clearford/ASI</i>
<ul style="list-style-type: none"> ▶ Chicken farm system design case study and MOE approvals discussion/negotiations Derk Maat <i>Scicorp</i> 	<ul style="list-style-type: none"> ▶ OOWA best practice review Jeremy Kraemer <i>Cambium Inc</i> 	<ul style="list-style-type: none"> ▶ Cradle to completion: Story of an 8 year process of negotiation, approval and completion Anne Egan <i>R.J. Burnside</i>
<ul style="list-style-type: none"> ▶ Phosphorus removal from agricultural runoff Chris Jowett <i>Waterloo Biofilter</i> 	<ul style="list-style-type: none"> ▶ Helping regulators reconcile the specs of provided sand samples with what comes from the pit Eugene Trusler <i>Hutcheson Sand & Gravel</i> 	

12:00pm - 12:30pm

● **Case Studies Q&A**
with Carolyn Chan, Derk Maat and Chris Jowett

● **Technical Talks Q&A**
with Dick Bachelder, Jeremy Kraemer, Kevin Warner, and Eugene Trusler

● **Decentralized Discussion Q&A**
with John Levie and Anne Egan

12:00pm - 12:30pm

● **Case Studies Q&A**
with Madeline Carter, Katherine Rentsch, Dominic Mercier, Greg Corman, Brady Straw and Ian Hutcheson

● **Technical Talks Q&A**
with Steve Ritsema, James Arambarri and Hamed Mahdavi

● **Work Place/Small Business Issues Q&A**
with Alex Morales and Nancy Hood

5:00pm - 6:00pm Annual General Meeting

6:00pm - 7:00pm Social Hour

* this agenda is subject to change

PRE-RECORDED

LIVE