

<b>Draft Program</b>	<b>36th ANNUAL: INNOVATIVE APPROACHES TO WASTEWATER OPERATIONS CONFERENCE February 5, 2019</b>	
7:15-8:00 AM	<b>REGISTRATION</b>	
8:00 – 8:30 AM	<u><b>OPENING</b></u> Introduction: Kathy Crowson, MN CSWEA Operations Committee Chair  Wade Klingsporn, MWOA President Peter Daniels, PE MN CSWEA Chair	
8:30- 9:15AM     9:15-10:00 AM	<u><b>GENERAL SESSION</b></u>  <b>A Cohort Approach to Finding and Implementing Wastewater Energy Savings</b> Jon Vanyo, University of MN Technical Assistance Program  <b>B3 Benchmarking</b> Tracy Hodel, City of St. Cloud and Cheri Schneider, The Weidt Group	Moderator: Peter Daniels
10:00-10:15 AM	<b>NETWORKING BREAK</b>	

<u><b>SESSION A</b></u> <b>Treatment &amp; Operations Processes</b>  Moderator: Ben Lao	<u><b>SESSION B</b></u> <b>Regulatory/Laboratory/Safety</b>  Moderator: Susan Danzl	<u><b>SESSION C</b></u> <b>Collection System</b>  Moderator: Tim Korby
<b>10:15 AM</b> <b>Characterizing Nitrifying Bacteria</b> Timothy M. LaPara, Ph.D., PE Professor, Department of Civil, Environmental, and Geo-Engineering]	<b>10:15 AM</b> <b>OSHA, Safety in the Workplace</b>	<b>10:15 AM</b> <b>Case Study: City of Sartell Odor Control</b> Jeff Bemboom, Systems Utility Supervisor City of Sartell, and Jessica Hedin, PE SEH
<b>10:45 AM</b> <b>Industrial Stormwater Capture, Treatment &amp; Reuse</b> Ashley Hammerbeck PE Donohue & Associates, Inc.	<b>10:45 AM</b> <b>An Alternative Approach to Wastewater Discharge Permitting</b> Joe Bischoff, Wenck and Scott Gilbertson, ALASD	<b>10:45 AM</b> <b>Current Trenchless Piping Rehabilitation Options for the Water/ Wastewater Industries</b> Dan Christensen Underground Solutions/Aegion

<b>11:15 AM</b> <b>St. Cloud Biofuel Recovery Project</b> Brian Schoenecker Wastewater Services Manager City of St. Cloud	<b>11:15 AM</b> <b>Trials, Tribulations and Triumph Using Online Analyzers</b> Samidha Junghare, PE Western Lake Superior Sanitary District	<b>11:15 AM</b> <b>New inspection technology</b> Ben O'Grady, PE Brown and Caldwell
<b>11:45 – 12:45</b>	<b>LUNCH/Awards</b>	Moderator: Peter Daniels
<b>12:45-1:30</b>	<b><u>KEYNOTE SPEAKER</u></b> <b>Dr. Mark Seeley, University of Minnesota</b>  Climate Change Impacts on Wastewater Treatment Plants	Moderator: Kathy Crowson
<b>1:30-2:30</b>	<b>EXHIBIT HALL PRESENTATIONS</b>	Moderator: Tim Korby
<b>2:30 – 2:45 PM</b>    <b>2:45 – 3:15 PM</b>	<b>WWTF Highlight:</b> <b>Mankato Water Resource Recovery Facility</b> Joshua Gad WRRF – Superintendent, Mankato, MN (R2E award)  <b><u>CHAPTER PROJECT REPORTS</u></b> Wade Klingsporn, Instructor Vermillion Community College  Gregg Kropp, Instructor Water Environment Technologies St. Cloud Technical & Community College	Moderator: Pat Shea
<b>3:15 – 3:50 PM</b>	<b><u>OPERATOR INNOVATIONS</u></b>	
<b>4:00 PM</b>	<b><u>CLOSING AND DOOR PRIZES</u></b> Closing Remarks – Innovative Committee Chair  Door Prizes	<b>Moderators: Tanya Schmidt - Cold Springs</b>