



CSWEA & MWOA Fall Collection System Workshop
6 wastewater contact hours (MPCA approved) will be granted

Where: Western Lake Superior Sanitary District (WLSSD)
Wastewater Treatment Plant Administrative Offices
2626 Courtland Street
Duluth, MN 55806
Phone: 218-722-3336

When: September 25, 2019

Online Registration (Credit or Check): \$30 (in advance), \$40 (day of)
<http://cswea.org/minnesota/events/upcoming-events/>

Please contact Chris Harrington at charrington@hrgreen.com, 651-659-7760 with any questions

Agenda:

8:25 am – Welcome

8:30 am – Lift Station Level Monitoring and Control (Peter Daniels, Wenck)

9:20 am – Utility Locating and Record Drawings (Manny Lee, MCES)

10:10 am – A Perspective on Pipe & MH Rehabilitation (Adam Salo & Alison Sumption, HR Green, Inc.)

11:00 am – Inflow and Infiltration Investigations through Flow Monitoring (Richard Parr, TKDA)

11:50 am – Lunch – provided and served on site

12:20 pm – Combination Air / Vacuum & Air Release Valve Disassembly / Assembly (Robert Walton and Jacob Glunz, WLSSD)

1:10 pm – Combination Air Valves & Transient Pressure Monitoring (Joel Morgan, Flow Control Automation)

2:00 pm – WLSSD Tour – Don't be a Grump, Get over the 2 pm Hump, and Learn about Pumps *

3:30 pm – Closing Comments

3:35 pm – CSWEA & MWOA Joint Collection Planning Meeting (All are Encouraged and Welcome to Attend)

*** Please bring PPE appropriate for walking through a WWTP and observing various pumping systems.**