



## 2018 MWOA Process Control Workshop June 20-21, 2018

MPCA – Duluth Regional Office  
525 S Lake Ave  
Duluth, MN 55802

12 Direct WW continuing education hours for attending both days

### **Day One (Bring your Quality Manuals for “hands on” review)**

7:45 – 8:00 Registration  
8:00 – 8:15 Good morning/Introduction – Jen Thoreson, MPCA  
8:15 – 8:30 Quality Tree overview – Sarah Yost & Jen Thoreson, MPCA  
8:30 - 9:15 Roots: Quality Assurance  
9:15 – 10:00 Trunk: Quality Control  
10:00 – 10:15 Break  
10:15– 11:00 Branches: Quality Maps  
11:00– 11:45 Leaves: Quality Reports  
11:45 - Noon Quality Tree conclusion– Sarah Yost, MPCA  
Noon –1:00 Lunch  
1:00– 1:45 Reagent Water Quality – Brian Rhodes, Thermo Fisher  
1:45 – 2:30 Instrument Controls – Tom Medina, BME Lab & Science  
2:30- 2:45 Networking/Break  
2:45– 3:30 Micro Controls – Microbiologics  
3:30 – 4:00 Colilert-18 – Julie Macor, WLSSD

### **Day Two**

8:00 – 9:00 2017 MUR and MDL procedure – Jennifer Thoreson, MPCA  
9:00 – 9:30 Sulfate “Where are We” – Phil Monson, MPCA  
9:30 – 10:00 Dental Amalgam Rule – Jaramie Logelin, MPCA  
10:00 – 10:15 Break  
10:15 – 11:00 Brewery Waste – Metropolitan Council  
11:00 – Noon *Clearas* Nutrient Removal – City of Austin & Mankato  
Noon – 1:00 Lunch  
1:00 – 1:45 Jen’s Jeopardy – Jennifer Thoreson, MPCA  
1:45 – 2:00 Prep for Tour/Break  
2:00 – 4:00 Tour – NRRI & Research