

Water Treatment and Distribution

March 2, 3, and 4, 2009
March 9, 10, and 11, 2009
March 23, 24, and 25, 2009
March 30, 31, and April 1, 2009

Day 1:

12:00 p.m.	Registration	Patty Carman, Municipal Facilities
1:00 p.m.	Welcome	Mike Brisben, Municipal Facilities
1:15 p.m.	Wellhead/Source Water Protection	Carl Anderson, Water Quality
1:45 p.m.	Ground Water Rule	Gary Stefanovsky, Municipal Facilities
2:45 p.m.	Break	
3:00 p.m.	Water Main Identification and Tapping Procedures	Scott Schmidt, Northern Water Works Supply
3:30 p.m.	Cross Connections	Jack Skaley and Brent Beechie, State Plumbing Board
4:00 p.m.	Basic Math	Tara Ritter, Municipal Facilities
5:00 p.m.	Adjourn	

Day 2:

8:00 a.m.	Advanced Math	Darin Billing, Municipal Facilities
9:00 a.m.	Stage 2 Disinfectants/ Disinfection Byproducts	Lydia Fewless, Municipal Facilities
10:00 a.m.	Break	
10:15 a.m.	Hydraulic Control Valves	Scott Schmidt, Northern Water Works Supply
10:45 a.m.	Hydrants	Craig Bartholomay, Municipal Facilities
11:45 a.m.	Lunch	

1:00 p.m.	Pump Hydraulics	Mike Berg, Ulteig Engineers
1:45 p.m.	Water Audits, Leak Detection, and Water Theft	Tom Sieg and Eric Volk, North Dakota Rural Water System Association
2:45 p.m.	Break	
3:00 p.m.	Filtration/Filter Maintenance	Brett Jochim and Russ Sorenson, AE ₂ S
3:30 p.m.	System Security	Gregg Stewart, Municipal Facilities
4:00 p.m.	Chlorine Meters and Chlorine Measurements	Bob Markhouse, Municipal Facilities
5:00 p.m.	Adjourn	

Day 3:

8:00 a.m.	Chloramination/Break Point Chlorination	Bob Markhouse, Municipal Facilities
9:00 a.m.	High Rate Softening	Cory Chorne, AE ₂ S
9:30 a.m.	Total Coliform Rule	Jeni Walsh, Municipal Facilities
10:00 a.m.	Break	
10:15 a.m.	Lead and Copper Rule	Katie Luther, Municipal Facilities
10:45 a.m.	Fluoridation	Katie Luther, Municipal Facilities
11:00 a.m.	Water Distribution	Darin Billing, Municipal Facilities
12:00 p.m.	Adjourn	
1:00 p.m.	Operator Exams	Craig Bartholomay, Municipal Facilities