

Achieve and Maintain Compliance with SDWA in Oregon  
3-Part Series Workshop

**Day 1:** Distribution System Infrastructure and Distribution System Water Quality

April 13, 2021; 9:30AM - 12:00 PM

Time Start	Time End	Activity	Total Time
9:30	9:45	Trainer & Course Introduction	0:15
9:45	10:00	Pre Test	0:15
10:00	10:25	Hydrants, Valves and Dist. Piping Systems	0:25
10:25	10:35	Cross Connections and Storage Tanks	0:10
10:35	10:45	EPANET demo and water age activity	0:10
10:45	10:55	<b>BREAK</b>	
10:55	11:05	Importance of Water Quality and Intro to Water Quality Parameters	0:10
11:05	11:15	pH and Chlorine Residual	0:10
		Capacity, Water Age, Water Quality and Storage	
11:15	11:40	Related Issues	0:25
11:40	11:50	Temp. Bacteria, Taste & Odor, Customer Feedback	0:10
11:50	12:00	Post Test and Evaluation	0:10

**Day 2:** Water Main Flushing & Main Breaks and Cross Connections

April 14, 2021; 9:30AM - 12:00 PM

Time Start	Time End	Activity	Total Time
9:30	9:45	Trainer & Course Introduction	0:15
9:45	10:00	Pre Test	0:15
10:00	10:15	Introduction to Flushing; 4-Step Program (Steps 1 &2)	0:15
10:15	10:35	Conventional and Unidirectional Flushing	0:20
10:35	10:50	Steps 3 & 4; Hydrant Flushing & Public Relations	0:15
10:50	11:00	<b>BREAK</b>	
11:00	11:20	How do Main Breaks Happen; Prevention and Corrective actions	0:20
11:20	11:30	Disinfecting Pipe 4-Step Process	0:10
11:30	11:50	Cross Connections and Localization	0:20
11:50	12:00	Post Test and Evaluation	0:10

**Day 3:** Coliform Sampling Collection and Disinfection

April 15, 2021; 9:30AM - 12:00 PM

Time Start	Time End	Activity	Total Time
9:30	9:45	Trainer & Course Introduction	0:15
9:45	10:00	Pre Test	0:15
10:00	10:15	Purpose of Coliform Sampling & Site Sample Plans	0:15

10:15	10:30 Coliform Sampling Steps (1-9) & Activity	0:15
10:30	10:40 Coliform Sampling Steps (10-15) & Activity	0:10
10:40	10:50 Helpful hints, common issues, responsibilities	0:10
10:50	11:00 <b>BREAK</b>	
11:00	11:10 Introduction to Disinfection	0:10
11:10	11:20 Free Chlorine Disinfectant options & Chloring Safety	0:10
11:20	11:35 Chloramines and applications	0:15
11:35	11:50 Chlorine dosing, monitoring and residual mapping	0:15
11:50	12:00 Post Test and Evaluation	0:10