

Distribution System Maintenance:
Pipe Repair, Service Line Taps, Repairs and Installation

Water main breaks are an unfortunate occurrence in the distribution system. This course will cover common causes and solutions to address this issue. Service line leaks and repairs are another problem that operators must respond to. The course will also include in-depth coverage of service lines, from taps, to maintenance, and installation.

A complimentary lunch will be provided by Mueller.

8:00-8:30	Check – In
8:30-9:30	Pipe Repair Instruction
	Pipeline overview – materials
	Causes of failures
	Asset management, corrosion, and pipeline assessment
9:30-9:45	Break
9:45-10:45	Pipe Repair Instruction
	Thrust, restraint, and fittings
	Repair Clamps and couplings
	Proper installation technics and installation demo
10:45-11:00	Break
11:00-12:00	Tapping Instruction
	Types of taps, common machines, issue and maintenance
	Proper tapping techniques, saddles, pipeline consideration
12:00-12:30	Lunch
12:30-1:30	Tapping and Service Line Instruction
	Tapping Demo, Service Line valves, fittings and connections
	Meter setters and pits
1:30	Concluding paperwork and adjourn.

Instructors: Andy Clauhs, Mueller and Pete Carpenter, Mueller/Hymax

November 12, 2025 – Egg Harbor City Fire Department, 631 Philadelphia Ave., (Atlantic County)

November 13, 2025 – Hampton Borough Fire Department, 1 Wells Ave., Hampton Borough. Upstairs. **Park behind Emergency Squad (EMS) Building, Corner of Wells Ave. and South St.**

Certified for 4.0 Training Contact Hours for NJ-Licensed Water and Wastewater Operators.

TCH Course Number: 04-072503-30

Certified for 4.0 Hours (Technical) for Certified Public Works Managers.

CPWM Number: DLGS-NJWA-290

Registration is required and available at www.njwater.org.

Please plan to arrive at 8:00 am.

