

Asset Management Through Predictive Maintenance and In-Line Trouble Shooting

Lunch will be provided immediately after class, compliments of PSI Process

Course objective: Assist with the planning practice for predictive maintenance throughout your utility, identifying the critical variables for identifying maintenance requirements, and tools to help managers and maintainers identify opportunities for maintenance with more predictable budget.

Who will benefit from this course? Water and wastewater operators, technicians, engineers, supervisors, foremen and others involved in maintenance and budgeting capital and operating expenses.

Agenda:

8:00-8:30	Sign-in
8:30-12:00	What is Predictive Maintenance? <ul style="list-style-type: none">Differences between Predictive, Reactive and Preventative MaintenanceImportance of predictabilityImpact of emergencies Break (15 Minutes) <ul style="list-style-type: none">In Line Trouble Shooting<ul style="list-style-type: none">Pump Curves – what are they and what do they tell usTools to use in the fieldSensitivity of MeasurementsFlow estimation methodsPractical Exercises Break (15 Minutes) <ul style="list-style-type: none">Effective Asset Management<ul style="list-style-type: none">Identify recurrence intervals of failuresUnderstand predictability of failuresProjecting severity of failuresDecision tool for managersTechnology and access that exists today Practical
12:00	Dismissal

Instructor: Ryan Booth, PSI Process – 17 years in the industry, TEEX Infrastructure Disaster Management Certificate, West Point Class of 2002, BS Human Factors Engineering

Accreditation:
3.0 TCH Water & WW, Course Number 04-122001-30. CPWM 3.0 MGT DLGS-NJWA-242

Dates and Locations:
May 20, 2025 – Hammonton Utilities, 45 Pleasant Mills Road (Route 542), Hammonton, (Atlantic County)
May 28, 2025 - Brooklawn Senior Community Center, Second Street, Brooklawn (Camden County)

No more than 4 attendees per utility.

Please plan to arrive at 8:00 am.

Registration is required and is free of charge at:

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The New Jersey Water Association