# 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:**

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| **8:00-8:30** | **Sign-in** |
| **8:30-12:00** | What is Predictive Maintenance? |

          Differences between Predictive, Reactive and Preventative Maintenance
          Importance of predictability
          Impact of emergencies
          **Break (15 Minutes)**
In Line Trouble Shooting
          Pump Curves – what are they and what do they tell us
          Tools to use in the field
          Sensitivity of Measurements
          Flow estimation methods
          Practical Exercises
**Break (15 Minutes)**
Effective Asset Management
          Identify recurrence intervals of failures
          Understand predictability of failures
          Projecting severity of failures
          Decision tool for managers
Technology and access that exists today
          **Practical**

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| **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 04-122201-30.  CPWM 3.0 MGT DLGS-NJWA-242

**Dates and Locations:**

**February 28- Monroe Twp Utility Dept., 143 Union Valley Rd, Monroe. (Middlesex County)**

**April 16- Monroe Twp Utility Dept., 143 Union Valley Rd, Monroe. (Middlesex County)**

**April 23- Boonton Senior Citizen Center, 126 North Main St, Boonton. (Morris County)**

**April 24- Mount Olive Twp Council Chambers, 204 Flanders-Drakestown Rd. Flanders.**
**(Morris County)**

<p style="text-align:center"><span style="color:red">**Please plan to arrive at 8:00 am.   No more than 4 attendees per utility.**</span></p>

<p style="text-align:center">Registration is **required** and is free of charge at: www.njwater.org</p>