

Asset Management and Asset Maintenance: Pipelines, Tanks, Distribution System Assets

Presented by The New Jersey Water Association and USG Water Solutions.

Lunch Included, Compliments of USG Water

Course Description:

Discussion of pipeline asset management SIPP and pipeline maintenance that meets WQAA standards. Specifically, rehabilitation of water mains and potable pipelines using SIPP (Spray-In-Place-Pipe) technology. Discussions of tank asset management and maintaining all assets from the water treatment plant, distribution system (specifically water storage tanks and reservoirs), and the way to the wastewater plant. Considerations for inspection process of all assets. Improving water quality within a distribution system and storage tanks including TTHM removal, active, and residual chlorine control systems. Brief overview of asset management aspects of the water system.

Course Agenda:

8:00 - 8:30 AM Sign-In

8:30 - 9:45 AM Overview and Introductions

- 1. Pipeline Asset Management and SIPP**

9:45 - 10:00 AM - BREAK

10:00 - 11:00 AM

- 2. Asset Management to Asset Maintenance in System structures
Plants, Storage Tanks, and Reservoirs**

11:00 AM - 11:30 AM - LUNCH BREAK

11:30 AM - 12:15 PM

- 3. Importance of Inspections and routine maintenance for System Structures: Tanks, Reservoirs, Water and Wastewater Plants**
- 4. Asset Management - Water Quality Considerations in Distribution**
- 5. Asset Management for other aspects of the system**
- 6. Conclusion and Discussion - Thank You**

Accreditation:

3.0 TCH for NJ-Licensed Water and Wastewater Operators. TCH Course Number 04-102001-30.

3.0 Hours, CPWM. 2.0 Technical, 1.0 Management. DLGS-NJWA-205

Instructor:

Nick Rapagnani: Nick serves as a Water System Consultant for Utility Service Group Water Solutions. He is responsible for water and wastewater systems in northern New Jersey and Pennsylvania to help them maintain their system infrastructure, water quality, and enact asset management maintenance programs.

Dates and Locations:

February 10, 2026 – Hopewell Township Municipal Building, 201 Washington Crossing– Pennington Road, Titusville, 08560. (Mercer County).

Session will be held in the Auditorium, inside the main entrance.

February 11, 2026 - Riverdale Community Center, 57 Loy Street, Riverdale (Morris County)

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

To ensure ample time, please plan to arrive at 8:00 am.

The New Jersey Water Association