

Understanding Construction Plans and Managing Construction Projects

NJ Water Association Pre-Conference, Golden Nugget, Atlantic City

Please see fee information below.

October 16, 2018, Morning Session.

Sign-in begins at 8:00 a.m. Seminar begins promptly at 8:30 a.m., and ends at 11:45 a.m.

3.0 Training Contact Hours for NJ Water and Wastewater licensees: TCH# 04-071801-30

Certified Public Works Manager Accreditation: DLGS-NJWA-149. (3.0 Hours Management)

Upon completion of this seminar, participants will be better able to:

- Translate engineering plans (aka blueprints) from paper to construction application and operations.
- Interpret typical plan and detail sheet symbols and nomenclature.
- Understand potable water and wastewater facility construction management field standards and expectations.
- Understand and use HVAC, Electrical, Process & Instrumentation Diagrams, Plumbing, and Fire Protection Design Plans.

Course Agenda:

Blueprint Deciphering

- Public vs. private documents
- Design/Build documents vs. Design-Bid-Build documents
- Civil/Site
- P&ID (Process and Instrumentation Diagram)
- Mechanical
- Electrical
- Plumbing/HVAC

BREAK (15 Minutes)

Construction Inspection Protocols for Water Resources Projects

- Setting the Stage: Pre-construction meeting
- OSHA and Safety
- Engineer vs. Contractor expectations
- Water pipe pressure testing
- Wastewater pipe pressure testing
- Disinfection and dechlorination of facilities
- Bacteriological testing

Paperwork and Dismissal at 11:45

Instructors:

David Applegate, Kiely Construction:

Mr. Applegate is a Sr. Vice President of Water Resources at the Kiely Family of Companies. He has over 35 years of potable water and wastewater design and construction oversight experience. Mr. Applegate is a professional engineer in five states, taught the Basic Water/Wastewater and Advanced Water Operator's courses for five years at the Ocean County Vocational Technical School, and holds his T3 and W3 licenses in NJ. He graduated from Rutgers College of Engineering with a BSCE.

Bill Bleiler, Keystone Engineering Group:

Mr. Bleiler is an Associate and Manager of the Hamilton Branch Office for Keystone Engineering Group. He has over 11 years of experience in the water and wastewater industry designing HVAC, Electrical, Plumbing, and Fire Protection systems. Through working at Keystone, Mr. Bleiler is a professional engineer in seven states. He graduated from Wilkes University with a Bachelor of Science degree in Mechanical Engineering.

*Important, please read all of the following:

Please pre-register for this session on-line at www.njwater.org.

This Seminar is Free-of-Charge ONLY for those individuals who are pre-registered to attend the NJ Water Association's Conference on October 17 and/or October 18, 2018.

For those not pre-registered for our conference on October 17 and/or 18, please register on-line for this seminar, then bring cash, credit card or P.O. with you on the 16th. Payment, as follows, will be collected at-the-door.

NJ Water Association members: \$30.00

Non-Members: \$100.00

Free for those who are pre-registered for our conference on October 17 and/or 18.

The New Jersey Water Association