

# **Asset Management Planning – An Organic Program**

**Professional Education Presented by the New Jersey Water Association and Suburban Consulting Engineers, Inc.**

*Certified for Water & Wastewater Operators, and Certified Public Works Managers*

**Wednesday, April 14, 2021, 1:00 pm - 3:15 pm – as a Zoom Webinar**

**Wednesday, April 21, 2021, 9:00 am - 11:15 am – as a Zoom Webinar**

## **Accreditation**

2.0 Training Contact Hours for NJ-Licensed Water & Wastewater Operators.

TCH Course # 04-042102-30

2.0 (Management) Hours Toward Renewal for NJ Certified Public Works Managers

CPWM Course # DLGS-NJWA-214

**\* Please note that only registered attendees who attend and participate in the webinar will be issued TCHs and CPWM Credits.**

## **Course Description:**

**Asset Management Planning – An Organic Program:** a comprehensive presentation covering asset management planning from “what is an asset” to putting the plan into practice.

Topics covered will include preparing the asset inventory, condition assessment, preparing an Asset Management Plan (AMP) capital funding plan, updating the plan, compliance with WQAA and GIS AMP applications.

## **Presentation Outline:**

- Introductions
- Background
- Five Steps of an Asset Management Plan:
  - Step 1: Asset Inventory
  - Step 2: Level of Service
  - Step 3: Criticality Assessment
  - Step 4: Life Cycle Costs
  - Step 5: Funding Plan
- Updating and Applying the AMP
- Concluding Paperwork and Adjourn

## **Instructors:**

**Robert E. Wells, PE** joined SUBURBAN CONSULTING ENGINEERS, INC. (SCE) in July 2018 and currently serves as a Project Manager in our Water/Wastewater Department. He has over twenty (20) years of extensive engineering experience in a variety of areas including water supply and distribution systems, water transmission mains, pumping stations, treatment facilities and system planning. Mr. Wells is knowledgeable in design and preparation of civil engineering plans and specifications, permitting, bidding, construction observation and construction phase engineering. Mr. Wells manages numerous successful water supply projects including water distribution system assessments, distribution system improvements, and facility upgrades and rehabilitations. Projects are brought to successful completion by onboarding experienced internal and external staff, adhering to strict project schedules and also by providing outstanding client services, which Mr. Wells has many years of experience doing and SCE strives for with every client and project. His stellar cost estimating skills for funded jobs, capital budgets and ensuring contractor compliance with design documents will make him a valuable asset to SCE and its' clients.

**Mr. Sacheev A Mandhle, PE** joined SUBURBAN CONSULTING ENGINEERS, INC. (SEC) in 2020 and currently serves as an Engineer in the Water/Wastewater Department. Mr. Mandhle is working closely with Project Managers and technical staff to enhance services to the firm's water and wastewater clientele. Mr. Mandhle has significant experience providing engineering services relating to Hydraulic Modeling and Analysis for wastewater, stormwater and oil systems in the State of Texas and the State of New Jersey.

**Kenneth de Groh III, EIT** is a Project Coordinator in the GIS Department for SUBURBAN CONSULTING ENGINEERS, INC. (SCE). Mr. de Groh joined the company in October 2017 and has been actively involved in Civil Engineering since 2014. As a Project Coordinator of the firm, Mr. de Groh designs a variety of engineering projects and develops GIS maps and data manipulation. Mr. de Groh has been integral in the development of SCE's GIS Department. Working to stay in the forefront of the GIS community, Mr. de Groh has been working with staff to create creative solutions while developing a strong departmental foundation within SCE. Mr. de Groh has worked on various engineering projects through his career. Working diligently with Project Managers and overseeing technical staff members, Mr. de Groh focuses on quality assurance and creates feasible timelines for project completion. He also develops various scopes of services pertaining to the firm's GIS services.

**These webinars are free of charge. Pre-Registration is required**

**Registration at [www.njwater.org](http://www.njwater.org)**