

## **SUPPORTING DOCUMENTATION**

### **Instructor Bios**

Ben Fuentes, PE

Ben is a registered professional civil engineer in the State of Washington. Ben has a broad range of civil design experience, including sewer, stormwater, water and wastewater system design, site grading, pumping stations, and hydrologic/hydraulic studies. He has been involved in project production and design, cost estimating analyses, site assessments, and sub-contractor coordination and agreements. Furthermore, he is skilled in civil engineering and hydrologic and hydraulic software programs including AutoCAD Civil 3D, Autodesk Storm and Sanitary, Western Washington Hydrology Model, and HEC-RAS. Ben has extensive stormwater experience at industrial and Port facilities throughout the state of Washington.

Todd Reynolds, PE

Todd is a registered professional civil engineer in the state of California. Todd Reynolds has nearly 31 years of engineering and management experience for clients in the municipal and private sectors. Todd is a principal, project manager, and the leader of KJ's Water Treatment Community of Practice. His experience includes planning and feasibility studies, evaluation of water quality and treatment process alternatives, pilot plant studies, preparing pre-design reports, developing project contract documents, design drawings and specifications; preparing operations manuals, providing startup assistance and training and performing contract administration and construction management for a variety of projects. Projects on which he has worked include surface water, advanced water purification, recycled water, groundwater, and seawater supply and treatment; membrane treatment including microfiltration (MF), ultrafiltration (UF), and desalination; and ozone, ultraviolet (UV), and UV/AOP systems. He also has experience in energy minimization and greenhouse gas analysis. He has served as a Project Manager and Engineer for the planning, design and construction of numerous water and recycled water projects. He has authored water-related articles and papers for professional society magazines and conferences. In his career, Todd has been responsible for the evaluation and/or design of upgrades, rehabilitation, retrofit, and/or replacement for over 26 treatment plants, 31 advanced treatment (AWT) projects, and 15 pumping stations for 40+ municipal agencies. In addition, Todd has worked on the planning, design, or evaluation of more than 20 membrane bioreactor plants.

Stephen Timko, PhD

Steve has over 7 years of experience in water quality and reuse research. He received his PhD from the University of California, Irvine, where he studied the breakdown of contaminants of emerging concern (CECs) in constructed treatment wetlands. Steve leads Kennedy Jenk's PFAS Working Group, a team of engineers, environmental scientists, and geologists that collaborates to address the technical issues associated with PFAS sampling, treatment, and regulatory compliance across the country. Steve is a water quality specialist in the Applied Research Group at Kennedy Jenks and focuses on the treatment of groundwater contaminants such as PFAS and chemical system design. His project experience additionally spans potable reuse, water and wastewater treatment, and stormwater treatment and conveyance

## **Timeline**

3 hours

## **Agenda**

9:00 am      **Optimizing Stormwater Quality Using Smart Configuration & Controls**

Presenter: Ben Fuentes, PE  
[benfuentes@kennedyjenks.com](mailto:benfuentes@kennedyjenks.com)  
32001 32<sup>nd</sup> Ave South, Suite 100  
Federal Way, WA 98001

10:00 am      **Indirect Potable Reuse**

Presenter: Todd Reynolds  
[toddreynolds@kennedyjenks.com](mailto:toddreynolds@kennedyjenks.com)  
275 Battery Street, Suite 550  
San Francisco, CA 94111

11:00 am      **PFAS Treatment Design**

Presenter: Steve Timko  
[SteveTimko@kennedyjenks.com](mailto:SteveTimko@kennedyjenks.com)  
1191 Second Avenue, Suite 630  
Seattle, WA 98101-3406

## **Course Synopsis:**

The workshop includes three hours of presentations on various water and wastewater related topics. The topics were chosen to provide content that is applicable and timely to water operators, designers, and other industry professionals. It begins a project overview that involves discussion of a stormwater system that is optimized using smart controls. The second presentation gives an overview of the important particulars of indirect potable reuse. The third and final presentation provides attendees with an overview of a PFAS treatment system for a municipal water system. The outcomes for each of the three presentations include increasing attendee's knowledge of stormwater control systems, indirect potable water reuse, and PFAS treatment systems for potable water respectively.

## **Tracking Attendance on Webinar:**

The workshop will be moderated by Andrew Perez, PE (Kennedy Jenks) who will track participants and collect the necessary information needed for CEUs.