



## CSWEA Webinar Series

# Wednesday – November 3, 2021

11:00 AM to 1:00 PM

## Topic: PFAS Occurrence and Management In Wastewater

- 11:00 AM **Introduction – Patrick McNamara, PhD, PE | Black & Veatch**
- 11:05 AM **“PFAS Sources and Detections in Wastewater Treatment Plants”  
Dorin Bagdan, PhD | AECOM**
- 11:50 AM **“Fate of PFAS in Recycled Water and Advanced Treatment”  
Eva Steinle-Darling, PhD, PE | Carollo Engineers, Inc.**
- 12:30 PM **Panel Q&A with both presenters**
- 1:00 PM **Adjourn**



Dorin Bogdan is one of AECOM’s PFAS, technical leaders. He has a Bachelor in Civil Engineering and Doctorate in Environmental and Water Resources Engineering. He has over 12 years of experience in soil, sediments, groundwater remediation, and innovative technologies. During the past eight (8) years, his primary focus has been PFAS while serving private-, public-, and federal-sector clients of varying sizes and complexity. Dorin has overseen and evaluated extensive statewide studies, including sampling over 2,500 drinking water treatment systems, 60 wastewater treatment plants (WWTPs), and 25 agricultural fields where biosolids were land applied. He also evaluated the PFAS source of multiple industries, including data from over 300 WWTPs and 600 industrial discharges to WWTPs from a wide range of industries.



Eva Steinle-Darling is a Vice President and Chief Technologist with Carollo Engineers. She has a BSE in Chemical Engineering from Princeton University and an M.S. and Ph.D. in Environmental Engineering from Stanford University, where she studied the removal of PFAS using nanofiltration membranes. Her work with Carollo focuses on advanced water treatment and reuse, including research, planning, feasibility studies, and design. Eva is leading Carollo's efforts to address clients' needs in responding to PFAS contamination in drinking water, wastewater, and recycled water. She also is working on several of Carollo’s Water Research Foundation projects in which she is looking at, among many other things, the removal of PFAS through the advanced treatment train and PFAS source mitigation guidance.

### CONTINUING EDUCATION

- 2.0 CEUs for Operators in Illinois, Wisconsin & Minnesota.  
Operator ID/Quiz required for webinar.**
- 2.4 PDHs for all Professional Engineers**



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