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2025 Annual Conference | Boise Centre | May 7 – 9

Please copy and the information from the pdf version of the abstract that will not be changed.
Then change information as necessary and highlight the information that has changed.
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CHANGING FROM:
"Wildfire impacts on disinfection byproduct formation and precursor removal by powdered activated carbon adsorption, coagulation, and membrane filtration" – Kyle Shimabuku

CHANGING TO:
"Scenarios for PFAS Destruction at Municipal Scale Water Treatment Facilities" – Brent Alspach

Abstract:
While the federal PFAS National Primary Drinking Water Regulations established maximum contaminant levels (MCLs) encompassing six species in the family of compounds, the best available technologies for treatment – GAC, IX, and NF/RO – all partition and concentrate the contaminants in residuals streams, simply diverting the problem. Although a broad array of destructive technologies has been proven effective, none have been broadly feasible at municipal scale due to cost, energy, and/or capacity limitations. This presentation utilizes a case study on the successful deployment of one such destructive technology to demonstrate the scenarios under which such processes could feasibly be incorporated in municipal drinking water treatment plant.

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Organization: Arcadis

Primary Job Duties:
Brent Alspach a Vice President & Director of Applied Research at Arcadis, with specialties in PFAS, microplastics, membrane filtration, and desalination.

Related Prior Employment:
Brent joined Arcadis in 1997 after completing his graduate studies at Cornell University.

Registrations or Certifications:
PE, BCEE