



EBC Dam Management Webinar
Need a Dam for Your Dam? Controlling Water During Dam Projects

Tuesday, May 19, 2020

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AGENDA

- 9:15 a.m. **Welcome and Introduction:**
- Christopher D. Haker, P.E., Program Co-Chair
Chair, EBC Dam Management Committee
Principal Engineer, Tighe & Bond
- 9:40 a.m. **Control of Water Planning and Design – What are the Risks?**
- Christopher D. Haker, P.E., Principal Engineer, Tighe & Bond
- 10:10 a.m. **The Pitfalls...and Successes of Selecting the Right Cofferdam**
- Dan Galante, Program Co-Chair
Senior Vice President, T Ford Company, Inc.
- 10:40 a.m. **Water Control for Dam Removal: Considerations for Project Success**
- Chad Sumner, Vice Chair, EBC Dam Management Committee
Principal, SumCo Eco-Contracting, LLC
- 11:10 a.m. **The Contractor’s Engineer’s Role in Construction-Phase Water Control & Flood Emergency Control Plans**
- Chad Cox, P.E., Senior Principal, GZA GeoEnvironmental, Inc.
 - Derek Schipper, P.E., Senior Project Manager, GZA GeoEnvironmental, Inc.
- 11:40 a.m. **Final Questions for the Speakers**
- Moderator:** Dan Galante, Program Co-Chair, T Ford Company, Inc.
- 12:00 p.m. **Adjourn**

PROGRAM CO-CHAIRS

Dan Galante, Senior Vice President

T Ford Company, Inc.

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Dan Galante is an experienced construction estimator, project manager, and principal with a background in geotechnical and environmental engineering and contracting. He procures and manages complex civil and environmental projects ranging from \$5,000 to \$5,000,000. Dan has over twenty years of directly related experience in the industry and is comfortable managing a wide array of public and private projects; ranging from dam repairs and removals, to heavy civil installations, to full-scale environmental remediation work. After working in the same general construction area for two decades, Dan has built up a large database of long-standing vendors and subcontractors with whom relationships are critical towards efficient and profitable at-risk work. Dan prides himself on having an open dialogue with the project team as much as possible.

Dan is OSHA 40-Hazwoper trained and has many years' experience in MCP sampling and analysis as well – specifically related to the characterization, transportation and disposal of contaminated soils and sediments.

Dan attended Tufts University and graduated with a Bachelor's of Science in Civil Engineering and is the Chairman of his Town's Selectboard. Dan, his wife Tara, and two daughters are rabid youth and professional soccer enthusiasts.

Christopher D. Haker, P.E., Principal Engineer

Tighe & Bond

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Christopher D. Haker, P.E. heads the Dam Engineering Group at Tighe & Bond. Chris has 23 years of experience in dam and geotechnical engineering. He holds a BS degree in Civil Engineering from Northeastern University an MS degree in Civil Engineering from the Georgia Institute and Technology. He is a registered professional engineer in Massachusetts, New Hampshire, Rhode Island, and Connecticut. He has been the project manager and lead designer for multiple concrete, stone masonry, and earth embankment dam rehabilitation projects.

SPEAKERS

Chad W. Cox, P.E., Senior Principal

GZA GeoEnvironmental, Inc.

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Chad Cox, P.E. is a Senior Principal with GZA GeoEnvironmental, Inc. and the office manager of the Metro-Boston Office. Chad has extensive experience in dam safety and design, hydroelectric project development, water supply, transportation, and geotechnical construction. Chad has worked on numerous dams performing such tasks as inspection, deficiency evaluation, planning, hydraulic, structural, and geotechnical design, contract writing, contractor submittal review, preparation of construction water control plans and construction-phase services. He holds a BS degree in Civil Engineering/Water Resources from Princeton University and an MS degree in Civil and Environmental Engineering from MIT.

Derek J. Schipper, P.E., Senior Project Manager
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Derek J. Schipper, P.E. is a senior project manager for GZA GeoEnvironmental, Inc. with 22 years of geotechnical engineering experience which includes dam safety inspection and rehabilitation design, dam removal, earthwork, construction, forensic engineering and subsurface exploration projects. Mr. Schipper received his BS and MS degrees in civil engineering from the University of Massachusetts Lowell.

Chad Sumner, Principal
SumCo Eco-Contracting, LLC
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Chad is Principal and CEO of SumCo Eco-Contracting, LLC ("SumCo Eco"), a self-performing heavy site civil construction firm. Founded by Chad and his brother Travis in 2006, the company has completed hundreds of environmental improvement projects across the Northeast including dam removals and rehabilitations; river, wetlands and marsh restorations; coastal resiliency and climate adaptation; site remediation and redevelopment; culverts, bridges and other infrastructure; invasive species management, landscaping and more. In his role as CEO, Chad continuously defines and advances the firm's ecological construction niche; has assembled and guides SumCo Eco's complementary construction leadership team in addressing the diverse ecological, environmental and infrastructure challenges posed by climate change, and collaborates with industry stakeholders to improve best practices in ecological construction. Chad is a scientist by education and training, having received his Master's degree in Conservation Biology and dual Bachelor's degrees in Geology and Biology from the University of Pennsylvania. He has worked "in the field" at project sites for nearly 20 years, and oversaw the development and installation of the firm's ecological construction and revegetation projects for over 10 years. Chad is an active member of and frequent presenter at the Society of Wetland Scientists, the Association of Massachusetts Wetland Scientists, and the Environmental Business Council of New England.

UPCOMING EBC PROGRAMS

MAY 2020

May 20: Climate Leadership Webinar – MA Climate Programs & Priorities for 2020 – EEA David Ismay
May 22: Climate Change Webinar Series – City of Boston 2019 Climate Action Plan
May 27: Ocean and Coastal Webinar – Flood Insurance and Resilience
May 27: Leadership Webinar – EFCG Special Briefing – Impacts of COVID-19 on Environmental Firms
May 29: Solid Waste Webinar – Impact of COVID-19 on the Solid Waste Industry in New England

JUNE 2020

June 1: New Hampshire Chapter Virtual Program Planning Meeting
June 5: Building Resilience – COVID-19 and Climate Change
June 8: Energy Resources Committee Virtual Program Planning Meeting
June 8: Dam Management Committee Virtual Program Planning Meeting