



EBC Dam Management Program Emergency Action Planning

From the Engineer's, the First Responder's, and the Contractor's Perspective

Thursday, November 29, 2018

Bowditch & Dewey, LLP | Framingham, Massachusetts

AGENDA

- 8:00 a.m. **Welcome: Program Introduction and Purpose**
- Matthew Taylor, P.E. Program Chair and Moderator
Co-Chair, EBC Dam Management Committee
Principal / Senior Vice President, GZA
- Welcome to Bowditch & Dewey, LLP**
- Robert D. Cox, Jr., Managing Partner, Bowditch & Dewey, LLP
Chair, EBC Board of Directors
- 8:20 a.m. **The Anatomy of an Emergency Action Plan**
- J. Matthew Bellisle, P.E., Senior Vice President, Pare Corporation
- 8:55 a.m. **Dam Break Analysis and Mapping**
- Christine Suhonen, P.E., Water Resources Engineer, GZA
- 9:30 a.m. **Real Time Emergency Response Lessons**
- Rick Ferreira, Emergency Management Director, City of Taunton
- 10:00 a.m. **Networking Break**
- 10:30 a.m. **Emergency Response During Construction**
- Dan Galante, Vice President, T Ford Company, Inc.
- 11:00 p.m. **Moderated Discussion**
- Panel Moderator:** Matthew Taylor, GZA
- Panel Members:**
- J. Matthew Bellisle, Pare Corporation
 - Rick Ferreira, City of Taunton
 - Dan Galante, T Ford Company, Inc.
 - Christine Suhonen, GZA
- 12:00 p.m. **Adjourn & Closing Remarks:** Matthew Taylor, GZA

PROGRAM CHAIR

Matthew A. Taylor, P.E., Principal / Senior Vice President
GZA GeoEnvironmental, Inc.
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Matthew Taylor is GZA's Metro Boston Dam and Levee Safety Group Leader. He holds a BS in Civil Engineering degree from the University of Rhode Island and an MS in Civil Engineering (Geotechnical) from Northeastern University. He is a registered professional engineer in CT, MA, ME, RI, NJ and NY and is an approved as an Independent Consultant by the FERC for 12D dam safety inspections. His dam engineering duties include dam and levee safety inspections, geotechnical and hydrologic/hydraulic analyses, preparation of Emergency Action Plans, small hydropower feasibility studies, development of bid packages, preparation of permit applications, and performance of construction administration for dam rehabilitation and dam removal projects. He is a past chair of the BSCES Geo-Institute and is a member of the Association of State Dam Safety Officials and the US Society on Dams.

SPEAKERS

J. Matthew Bellisle, P.E., Senior Vice President
Pare Corporation
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Mr. J. Matthew Bellisle, P.E. is a Senior Vice President with the civil engineering firm Pare Corporation. In this capacity, Mr. Bellisle leads Pare's Geotechnical Division in the completion of the firm's dam, geotechnical and waterfront engineering projects, which include inspection, instrumentation, evaluation, and design, as well as soils evaluations and foundation designs. Mr. Bellisle's experience spans more than 25 years and includes the inspection and evaluation of more than 750 dams, the design of 2 new dams, and the repair of more than 60 dams throughout New England. Mr. Bellisle has provided presentations to numerous public agencies and has provided training sessions for other engineering professionals through FEMA, RIEMA, RISPE, NEWWA, MADCR and MADCR DWP.

Mr. Bellisle received a Bachelor of Science in Civil and Environmental Engineering and a Master of Science in Civil Engineering from the University of Rhode Island and is a registered professional engineer in Massachusetts, Rhode Island, New Hampshire and New York.

Richard E. Ferreira, Emergency Management Director
City of Taunton
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Richard Ferreira has been the Director of Emergency Management for the City of Taunton, Massachusetts, since April, 2000. Since joining the agency, Richard has been at the forefront of emergency response during a number of large city emergencies, including the national-media covered near collapse of the Whittenton Mill Dam in October, 2005, and the major city hall fire of August, 2010. Richard has been the driving force behind the introduction of new emergency response technologies in Taunton's EOC and the agency's remote mobile operations. Richard served as the Emergency Management representative on the Southeast Homeland Security Council for nearly five years and recently was appointed by Executive Office of Public Safety Secretary Dan Bennett to serve another term

on the council. Richard continues to serve as the emergency management representative on the Council's Mass Care subcommittee. In 2005, Richard was presented with the Massachusetts Emergency Management Agency's Director of the Year award and, in 2006, was presented with the Northeast States Emergency Consortium's Emergency Manager of the Year award. Richard also has represented the city on the Greater Taunton Pandemic Ad-Hoc Committee with Taunton's Morton Hospital and area fire and health departments. He continues to represent the emergency management community and the City of Taunton on the Region 5 Health and Medical Coordinating Coalition.

Dan Galante, 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 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 (30+ projects), 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. It's much more fun that way...

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 of Science in Civil Engineering. He is currently the Chairman of his town's Select Board. Dan and his wife are year round club soccer coaches for their two daughters.

Christine E. Suhonen, P.E., Water Resources Engineer

GZA GeoEnvironmental, Inc.

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Christine Suhonen is a water resource engineer at GZA. She is a registered Professional Engineer in the Commonwealth of Massachusetts. She has a Bachelor's Degree in Environmental Engineering from Tufts University. She has been working at GZA for the past 6 years. Her work has entailed Emergency Action Plans for dams including dam break modeling, mapping, and facilitating table top exercises; design of dam repairs; and riverine flood modeling.

UPCOMING EBC PROGRAMS

NOVEMBER 2018

November 30 – Climate Adaptation Forum: Lessons from Puerto Rico and Local Preparation

DECEMBER 2018

December 3 – Solid Waste Management Committee Program Planning Luncheon

December 4 – Site Remediation and Redevelopment Program: Massachusetts MCP Amendments

December 5 – Rhode Island Chapter Program Planning Meeting

December 6 – 20th Annual Winter Garden Party

December 10 – Energy Resources Committee Program Planning Meeting

December 11 – Annual New Hampshire Chapter Holiday Party

December 12 – Annual Rhode Island Chapter Holiday Party

JANUARY 2019

January 8 – Program Series with MassDEP Leadership: Headquarters

January 9 – Energy Resources Briefing from DOER Commissioner Judson and Division Directors

January 10 – Site Remediation and Redevelopment Program: Design Build

January 14 – Site Remediation and Redevelopment Committee Program Planning Meeting

January 14 - Climate Change and Air Committee Program Planning Luncheon

January 15 – Energy Resources Program: Briefing from MassCEC Leadership

January 16 - Evening Program Massachusetts Environmental and Energy Agenda for 2019

January 17 - Dam Management Committee Roundtable Discussion NE State Dam Safety Directors

January 18 – New Hampshire Update on Management of Mildly Contaminated Soils

January 23 – 5th Annual Offshore Wind Conference: Technologies to Monitor Whale, Avian & Fishing Impacts

January 29 - Climate Change Program: Mitigation, Planning and Preparedness

January 31- 13th Annual Construction and Demolition Materials Management Summit

FEBRUARY 2019

February 1 - Site Remediation Program Update from US EPA Brownfields & Superfund Leadership