



## **EBC Connecticut Dam Management Program Emergency Action Planning**

*From the Engineer's, the State Regulator's, and the Contractor's Perspective*

Thursday, May 16, 2019

Eversource Energy | Berlin, Connecticut

### **AGENDA**

- 8:00 a.m. Welcome: Dana Huff, Chair, EBC Connecticut Chapter; Vice President, Tighe & Bond**
- Welcome to Eversource Energy: Gary Iadarola, Manager, Environmental Remediation**
- Program Introduction and Overview: What You Will Learn**
- **Matthew Taylor, P.E.** Program Chair and Moderator  
Principal / Senior Vice President, GZA
- 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. CT DEEP's Dam Safety Program – EAP Overview**
- **Ivonne Hall,** Supervising Civil Engineer of Dam Safety Program  
Connecticut Department of Energy and Environmental Protection
- 10:00 a.m. Networking Break**
- 10:30 a.m. Emergency Response During Construction**
- **Dan Galante,** Vice President, T Ford Construction
- 11:00 a.m. Panel Discussion**
- Panel Moderator:** Matthew Taylor, GZA
- Panel Members:**
- **J. Matthew Bellisle,** Pare Corporation
  - **Dan Galante,** T Ford Construction
  - **Ivonne Hall,** CT DEEP Dam Safety
  - **Christine Suhonen,** GZA
- 12:00 p.m. Adjourn**

## PROGRAM CHAIR

**Matthew A. Taylor**, P.E., Principal/Senior Vice President  
GZA GeoEnvironmental, Inc.  
249 Vanderbilt Avenue, Norwood, MA 02062  
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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  
10 Lincoln Road, Suite 210, Foxboro, MA 02035  
508.543.1755 | mbellisle@parecorp.com

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.

**Dan Galante**, Vice President  
T Ford Company, Inc.  
124 Tenney Street, Georgetown, MA 01833  
978.352.5606 | dan@tford.com

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.

**Ivonne Hall**, Supervising Civil Engineer of Dam Safety Program  
Connecticut Department of Energy and Environmental Protection  
79 Elm Street, Hartford, CT 06106-5127  
860.424.3754 | Ivonne.Hall@ct.gov

Ivonne Hall was recently promoted to Supervising Civil Engineer of the Dam Safety Program at CT DEEP, where she has worked for the past ten years. Previously, she worked in the Municipal Wastewater section at CT DEEP, where she managed the funding and enforcement of complex wastewater rehabilitation projects (totaling up to \$700 million) from planning through construction, specializing in combined sewer overflows and Clean Water Fund policy. She has developed strong relationships with municipal officials throughout Connecticut.

Prior to joining CT DEEP, Ivonne worked in private industry in many areas: hazardous waste characterization, transportation, and disposal; soil and groundwater contamination assessment and remediation; stormwater management; and air permitting. Ivonne is a licensed professional engineer in the State of Connecticut. She holds a BS in Chemistry and an MS in Environmental Engineering, both from the University of Massachusetts. Ivonne is passionate about her family and volunteering her time to worthwhile causes such as water resource protection and management, the Girl Scouts, coaching softball/baseball, and special education advocacy.

**Christine E. Suhonen**, P.E., Water Resources Engineer  
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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 dam safety trainings; design of dam repairs; and riverine flood modeling.

## UPCOMING EBC PROGRAMS

### MAY 2019

**May 16 – Connecticut Chapter Program Planning Luncheon**

May 17 – Climate Change Program: Regional Flood Pathways

May 20 – Ocean and Coastal Resources Committee Program Planning Meeting

May 21 – Solid Waste Management Program: Organics in Massachusetts

May 23 – Evening Program: City of Boston and the Commonwealth

May 24 – Energy Resources Site Visit: MassCEC Wind Technology Testing Center

May 29 – Site Remediation and Redevelopment Program: Brownfields Tax Credits

May 31 – Energy Resources Program: Carbon Capture & Sequestration

### JUNE 2019

June 3 – Solid Waste Management Committee Program Planning Meeting

June 4 – Rhode Island Program: RIDEM Implementation of the Generator Improvements Rule

June 5 – Rhode Island Program: 2<sup>nd</sup> Annual Stormwater Conference

June 7 – Climate Adaptation Forum: Disruptive Climate, Disruptive Technologies

June 10 – Energy Resources Committee Program Planning Meeting

**June 10 – Dam Management Committee Program Planning Luncheon**

**June 11 – Connecticut Program: Remediation Standards Update**

June 12 – Solid Waste Management Program: New England Conference of State Solid Waste Directors

June 14 – Site Remediation and Redevelopment Program: Risk Communication

June 17 – Rhode Island Chapter Program Planning Luncheon

**June 19 – EBC 26<sup>th</sup> Annual EBEE Awards and 29<sup>th</sup> Annual Meeting**

June 21 – Ocean and Coastal Resources Program: Innovative Data Collection Techniques

June 24 – Infrastructure Committee Program Planning Meeting

July 25 – New Hampshire Program: The Future of PFAS Regulation and Cleanup in New Hampshire

### JULY 2019

**July 10 – Connecticut Summer Gathering at the Connecticut Valley Brewing Company**

July 11 – Energy Resources Program: Briefing by New England State Energy Directors

July 12 – New Hampshire Briefing from NHDES and USEPA

July 16 – Climate Change Program: Private Sector Facility Planning and Preparedness

July 17 – Site Remediation Program: Update from U.S. EPA Brownfields Program

**July 23 – Connecticut Emerging Contaminants Program: PCBs in Building Materials**

July 24 – Emerging Contaminants Program: PFAS Remediation and Disposal

July 26 – New England Climate Change Summit

**July 30 – Connecticut Emerging Contaminants Program: PFAS Overview**