



EBC Dam Management Webinar
Operations and Maintenance Manuals for Dams

Guidelines for developing an OM&M and how to take care of a dam

Wednesday, August 19, 2020

AGENDA

- 9:00 a.m. **Welcome**
- Christopher D. Haker, P.E., Chair, EBC Dam Management Committee
Principal Engineer, Tighe & Bond
- Program Introduction – What You Will Learn:**
- Derek Schipper, P.E., Program Chair and Moderator
Senior Consultant, GZA GeoEnvironmental, Inc.
- 9:20 a.m. **Developing a Dam Operations and Maintenance Manual**
- Laurie Gibeau, P.E., Project Manager, GZA GeoEnvironmental, Inc.
- 9:45 a.m. **Operating and Maintaining MWRA Dams**
- John Gregoire, Program Manager, Reservoir Operations
Massachusetts Water Resource Authority
- 10:10 a.m. **Networking Opportunity**
- 10:30 a.m. **Break**
- 10:40 a.m. **Flood Control of the Charles River Basin & Operations and Maintenance of Controlling Dams**
- Bill Gode, Director, Flood Control Management and Navigational
Operations Section Design and Engineering
Massachusetts Department of Conservation and Recreation
- 11:05 a.m. **Dam Emergency Operations and Response: Suggestions for Owners and Engineers for Dealing with “Unusual” Conditions**
- Chad Cox, P.E., Senior Principal, GZA GeoEnvironmental, Inc.
- 11:30 a.m. **Final Questions for the Speakers**
- Moderator: Derek Schipper, GZA
- 12:00 p.m. **Adjourn – Closing Remarks – Chris Haker, Tighe & Bond**

PROGRAM CHAIR

Derek J. Schipper, P.E., Senior Consultant
GZA GeoEnvironmental, Inc.
249 Vanderbilt Avenue, Norwood, MA 02062
781-278-5792 | derek.schipper@gza.com

Derek J. Schipper, P.E. is a Senior Consultant at the Norwood, MA GZA GeoEnvironmental, Inc. office. He has been with GZA for over 22 years with experience in dam and geotechnical engineering. He holds a BS and MS degree from the University of Massachusetts Lowell. He is a registered professional engineer in Massachusetts and Vermont. Derek is the former Geo-Institute chair of the Boston Society of Civil Engineers Section. He has been the project manager for numerous dam inspection and rehabilitation projects throughout Massachusetts.

SPEAKERS

Chad W. Cox, P.E., Senior Principal
GZA GeoEnvironmental, Inc.
249 Vanderbilt Avenue, Norwood, MA 02062
781-278-5787 | chad.cox@gza.com

Chad Cox, P.E. is a civil engineer and Senior Principal with GZA GeoEnvironmental, Inc. Chad has extensive experience in dam safety and design, hydroelectric project development, water resources engineering, and geotechnical construction. Chad has worked on numerous projects involving inspection, analysis, and design for construction, rehabilitation, or removal of dams of all kinds. He has authored papers on a variety of topics connected to dam safety. He holds a BSE degree in Civil Engineering/Water Resources from Princeton University and an MEng degree in Civil and Environmental Engineering from MIT. Chad is currently the District Office Manager of GZA's Metro-Boston operations and serves as the company's Managing Director. Before joining GZA, Chad served as a water supply engineer with the US Peace Corps in Nepal.

Laurie A. Gibeau, P.E., Project Manager
GZA GeoEnvironmental, Inc.
249 Vanderbilt Avenue, Norwood, MA 02062
781-278-5848 | laurie.gibeau@gza.com

Laurie Gibeau is a Project Manager in GZA's Norwood, Massachusetts office. She is a registered professional engineer in Massachusetts, Connecticut, and New York. As part of GZA's Metro Boston Dam and Levee Safety Group, her responsibilities include dam inspection, design/analysis, and permitting; geotechnical investigation and engineering; and field and project management duties for dam rehabilitation projects. She holds a BS in Civil Engineering degree from the Northeastern University and an MS in Civil Engineering (Geotechnical) from the University of Massachusetts at Lowell and was the 2019-2020 Geo-Institute chair of the Boston Society of Civil Engineers Section.

William A. Gode-von Aesch, Director
Flood Control Management and Navigational Operations Section
Design and Engineering
Massachusetts Department of Conservation and Recreation
New Charles River Dam, 250 Warren Avenue, Charlestown, MA 02129
617-727-0488 | william.gode@mass.gov

William Gode-von Aesch is a licensed civil engineer with a BS focusing on structures and transportation, an MS in Construction & Project Management, and nearly 25-years' experience in the water resources field primarily focusing on system operations. For the past nearly 20-years he has worked for the Commonwealth of Massachusetts at the Metropolitan District Commission and the Department of Conservation and Recreation.

John Gregoire, Program Manager, Reservoir Operations
Massachusetts Water Resources Authority
100 First Avenue, Building 39, Boston, MA 02129
617-799-8855 | john.gregoire@mwra.com

John Gregoire is Program Manager of Reservoir Operations at MWRA. He oversees the Authority's dam safety compliance program which includes 28 mostly High Hazard class dams and dikes, reservoir operations, and other water quality, spill response and security efforts. He's been with the MWRA since 1995. Prior to that he was in the water resources consulting. He has a BS from UMass/Amherst and graduate degrees from Tufts University and Framingham State University.

UPCOMING EBC PROGRAMS

AUGUST 2020

August 21: Climate Change Leadership Webinar Series – Suffolk Downs
August 26: Second Annual New England Climate Change Summit: Part Two

SEPTEMBER 2020

September 9: Solid Waste Management Webinar – Update on COVID-19 – Part Two
September 10: Rhode Island Offshore Wind Virtual Conference
September 10: 4th Annual End-of-Summer-Trivia – Ascending Professionals
September 11: Climate Change Leadership Webinar Series – BU Climate Plan
September 15: Connecticut Brownfields Update
September 16: Infrastructure Leadership Webinar – MassDOT Program Priorities
September 17: EBC 27th Annual EBEE Awards Celebration
September 22: Connecticut Offshore Wind Virtual Conference
September 22: Ascending Professionals Webinar – Guide to Virtual Presentations
September 23: Annual Ocean & Coastal Construction Conference
September 30: Water Resources Webinar – Update from MassDEP Water Resources Bureau

OCTOBER 2020

October 1: Dam Management Webinar – Dam Failure and Insurance
October 2: Annual Talking Trash Virtual Conference – Northern New England
October 6: Infrastructure Leadership Webinar – Massport Program Priorities
October 7: Emerging Contaminants Webinar – COVID-19
October 13: Ascending Professionals Committee Virtual Program Planning Meeting
October 20: Climate Change Webinar – FEMA's BRIC Program

Save the Date!

December 7: Dam Management Committee Program Planning Meeting