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
Derek J. Schipper, P.E., Senior Consultant
GZA GeoEnvironmental, Inc.
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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.

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 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
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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  
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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

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