



EBC 16th Annual Construction and Demolition Materials Management Summit

Friday, January 28, 2022

This program made possible in part with the support from:

GOLD Sponsors



Silver Sponsors



Summit Co-Chairs

Brian McCormack, Team Leader, Weston & Sampson
Daniel Costello, Owner, Costello Dismantling Co. Inc.

AGENDA

9:00 a.m. Welcome

- Mark Van Weelden, Chair, EBC Solid Waste Management Committee
MA Area Asset Manager and CT Market Area Manager, Covanta

Expectations and Goals for the Summit

- Brian McCormack, Summit Co-Chair and Moderator
Team Leader, Weston & Sampson

9:10 a.m. Keynote Address



Paul Locke, Acting Deputy Commissioner
Policy and Planning
Department of Environmental Protection
Commonwealth of Massachusetts

9:40 a.m. Developing Markets for C&D Recycling

- Claudine Ellyin, Branch Chief, Commercial Solid Waste Reduction Branch
Bureau of Air & Waste, Department of Environmental Protection
Commonwealth of Massachusetts

10:00 a.m. New Uses for C&D Material

- Professor Timothy Townsend
Department of Environmental Engineering Sciences
University of Florida
- Mathieu Germain, Director, Strategic Development LL. B.M. Env.
Sanexen Environmental Services Inc.
- Bill Golden, Project Coordinator
Boston Harbor Storm Surge Working Group
- William M. Turley, Executive Director
Construction & Demolition Recycling Association (CDRA)

10:50 a.m. Networking Break

11:05 a.m. Construction & Demolition Trends and Innovations

- Abbey Massaro, Environmental Specialist, Center for EcoTechnology
- Michael J. Orbank II, Sustainability Manager, Northeast Region
STO Building Group (Structure Tone in Boston)
- Mark Webster, P.E., LEED AP BD+C, Senior Consulting Engineer
Simpson Gumpertz & Heger

11:35 a.m. Panel Discussion: Regional and National Trends in the C&D Industry

Moderator: Jennifer Griffith, Project Manager
Northeast Waste Management Officials' Association (NEWMOA)

Panelists:

- Steve Changaris, Northeast Regional Vice President
National Waste & Recycling Association (NWRA)
- Kathleen Prather, P.E., Professional Engineer 2
Division of Materials Management
Department of Environmental Conservation, State of New York
- James (Buzz) Surwilo, Environmental Analyst
Solid Waste Management Program
Department of Environmental Conservation, State of Vermont
- William M. Turley, CDRA

12:00 p.m. Adjourn

SUMMIT CO-CHAIRS

Daniel Costello, President
Costello Dismantling Co., Inc.
15 Cranberry Highway, West Wareham, MA 02576
(508) 291-2324 | M (617) 538-4219 | Dan@costellodismantling.com

Founder and President of Costello Dismantling Company, Inc., serving the demolition, dismantling and recycling needs of Commercial, Industrial and Municipal clients since 1985. Dan maintains close professional contact with the industry through active participation as a former Board of Directors member for the National Demolition Association and Construction Material Recycling Association, and in many local professional associations including the Environmental Business Council.

Dan has served, for several years, as a judge for the prestigious World Demolition Awards. Convening annually, the Awards meet at international venues to celebrate the best achievements of the world-wide demolition industry for that year.

Brian McCormack, Team Leader
Weston & Sampson
55 Walkers Brook Drive, Suite 100, Reading, MA 01867
(978) 532-1900 | mccormab@wseinc.com

Brian McCormack, PE, Project Manager/Team Leader at Weston & Sampson, has more than 20 years of experience with a wide range of civil and environmental engineering projects. As a solid and hazardous waste engineer, he has completed numerous solid waste projects including landfill assessment, capping, and post-closure use, transfer station permitting and design, as well as numerous soil/groundwater assessment and remediation projects at sites under the Massachusetts Contingency Plan (MCP). Brian has also been responsible for the project management and engineering of more than 25 building deconstruction/demolition, hazardous material abatement, and demolition debris management projects throughout New England.

Along with the Massachusetts Division of Capital Asset Management, he accepted the 2016 EBC Nicholas Humber Award for Outstanding Collaboration Award for the relocation and capping of 30,000 cubic yards of asbestos-impacted construction and demolition debris from a Charles River wetland and subsequent redevelopment as the Charles River Gateway Park. This was a first-in-the-state project permitting on-site relocation of a large volume of asbestos fill, thereby eliminating out-of-state disposal and associated traffic and carbon emissions.

He holds a Master of Science degree in Civil Engineering from Northeastern University and a Bachelor of Science degree in Engineering from the Dublin Institute of Technology.

PANEL MODERATOR

Jennifer Griffith, Project Manager
Northeast Waste Management Officials' Association (NEWMOA)
89 South Street, Suite 600, Boston, MA 02111-2651
(617) 367-8558 x303 | jgriffith@newmoa.org

Jennifer Griffith is a Project Manager at NEWMOA. She joined NEWMOA in 1995 and is responsible for waste site cleanup and solid waste projects, including training and research. She manages a variety of initiatives, including those focused on construction and demolition waste, municipal solid waste, disaster debris, beneficial use determinations, Brownfields redevelopment, and mildly contaminated soils. Jennifer has a Master's Degree in Technology and Policy from the Massachusetts Institute of Technology. Prior to joining NEWMOA, she worked as a consultant at firms involved with landfill design and waste site investigation and cleanup.

SPEAKERS & PANELISTS

Steve Changaris, Northeast Regional Vice President
National Waste & Recycling Association (NWRA)
(508) 839-4751 | schangaris@wasterecycling.org

Steve is a 25+ year veteran of NWRA, which is a 50+ year old Arlington, VA trade based group that is dedicated to the promotion of private sector companies that offer environmentally sound and economically efficient management of recyclables, organics and other solid wastes.

Steve covers the northeastern states of New York, New Jersey, Delaware, Maryland, Massachusetts, Rhode Island, Connecticut, New Hampshire, Vermont and Maine. He works with the region's recycling and waste companies and interacts on their behalf with state, local, regional, special authority and county level officials. He works with both elected legislative officials as well as administrative and regulatory officials in all solid waste environmental areas.

Steve holds a master's degree in political science and his role at NWRA is to work for industry consensus on issues with independent waste company owners, executives of publicly traded companies, engineers, recyclers, facility operators, policy folks, lawyers and more. Once this process yields a consensus for action on an issue, Steve then goes about working with his members and others to see that the industry's voice is heard on the matter at hand.

Steve was recently appointed as the Keep Massachusetts Beautiful Board of Directors, the state's Keep America Beautiful affiliate, from his position as NWRA MA Chapter Director. He resides in Massachusetts with his wife Anne. He has two adult children and two grandsons.

Claudine Ellyin, Branch Chief, Commercial Solid Waste Reduction
Bureau of Air & Waste, Department of Environmental Protection
Commonwealth of Massachusetts
1 Winter Street, Boston, MA
M (617) 405-0016 | claudine.ellyin@mass.gov

Ms. Ellyin has over 15 years of environmental engineering and sustainability industry experience. For nearly nine years she worked as an environmental engineer for AECOM, a multinational engineering consulting firm which Engineering News Record has ranked as a top design firm. She graduated with her Master of Science in Earth Resources Engineering from Columbia University with an emphasis on Sustainable Waste Management.

Mathieu Germain, Director, Strategic Development LL. B. M. Env.
Sanexen Environmental Services Inc.
9935 de Châteauneuf Street, Entrance 1, Suite 200, Brossard (Québec) J4Z 3V4
(514) 236-9227 | mgermain@sanexen.com

Mr. Germain has been working in the environmental field since 2002, and holds a Bachelor of Laws and a Master of Environment. With Sanexen since 2018 as Director Strategic Development, he is responsible for the development of projects that integrate environmental, legal, and urban development aspects.

From 2006 to 2018, he worked for the American Iron & Metal Company Inc. (AIM) as Director of Environment. His tenure with AIM saw him working with multidisciplinary teams around the world for the implementation of new metal and C&D recycling plants, automotive shredder residue (fluff) recycling facilities, foundries, automotive recycling centres, and metal product manufacturing plants. His passion for C&D brought him with Sanexen's team into launching the first dedicated C&D fines recycling in North America. This process was awarded the prestigious Innovation and Environmental Protection Award from the Envirolysis Gala. The team has been recognized for its ingenuity and know-how by having demonstrated the possibility of recycling residual materials issued from construction and demolition ("C&D") plants and fully contributing to the circular economy.

Bill Golden, Project Coordinator
Boston Harbor Storm Surge Working Group
300 Crown Colony Drive Suite 500, Quincy, MA 02169
lightship612@aol.com

William B. Golden has served at every level of government from the White House to city hall and has significant experience in organizing and structuring government institutions, As White House staff, Mr. Golden assisted in the establishment of USA EPA and NOAA, As City Solicitor for the City of Quincy, Mr. Golden filed the lawsuit that secured the first court mandated clean up schedule for Boston Harbor and resulted in the creation of the Massachusetts Water Resources Authority. As a three term Massachusetts State Senator, Mr. Golden authored legislation that re-organized Massachusetts county government, created the Special Senate Committee on Long Range Policy Planning, established two Areas of Critical Environmental Concern and created the UMass Boston Urban Harbors Institute, as well as co-sponsoring air, water, solid waste, indoor air pollution, water and energy conservation legislation. Mr. Golden has also been a principal in an international consulting company and two for profit renewable energy companies. Mr Golden co-founded Save the Harbor, Save the Bay and the Massachusetts Public Interest Research Group and now serves as an adjunct full professor at the School of Marine and Atmospheric Sciences SUNY Stony Brook.

Mr. Golden has been awarded degrees from Yale University (BA), Harvard University (MPA) and Boston University School of Law (JD).and currently resides in Boston and is married with three children and three grand-children.

Paul Locke, Acting Deputy Commissioner, Policy and Planning
Department of Environmental Protection
Commonwealth of Massachusetts
1 Winter Street, Boston, MA 02108
(617) 556-1160 | Paul.Locke@mass.gov

Paul Locke has been with the MA Department of Environmental Protection since 1987 and is currently the Acting Deputy Commissioner for Policy & Planning, where he works with all the MassDEP Bureaus in the development and implementation of the Department's regulatory programs.

Previously Paul held a number of positions within the Bureau of Waste Site Cleanup, including serving as the Assistant Commissioner. The Bureau oversees the notification, assessment, cleanup, closure and restoration of sites contaminated with oil and hazardous materials. Prior to that, Mr. Locke led the Risk Analysis Group within the MassDEP Office of Research and Standards.

Mr. Locke holds a Bachelor's degree in Chemistry from Harvard College and a Master's degree in Civil Engineering from the Tufts University program in Public Health.

Abbey Massaro, Environmental Specialist
Center for EcoTechnology
320 Riverside Drive, Florence, MA 01062
(413) 348-1640 | Abbey.Massaro@cetonline.org

Abbey Massaro is an Environmental Specialist at the Center for EcoTechnology (CET), where she provides individualized assistance to businesses throughout the country. Since 2018, she has supported CET initiatives to help commercial and institutional entities develop recycling, reuse and food waste recovery programs through MassDEP's RecyclingWorks MA program. Abbey has helped construction projects throughout Massachusetts increase recycling and reuse. Abbey is a Zero Waste TRUE Advisor and a member of the board of directors at the Springfield Materials Recycling Facility and MassRecycle. She has over seven years professional experience in the solid waste management industry and holds a B.S. in Environmental Conservation and a certificate in Public Policy from the University of Massachusetts at Amherst.

Michael J. Orbank II, Sustainability Manager, Northeast Region
STO Building Group (Structure Tone in Boston)
711 Atlantic Ave 2nd floor, Boston, MA 02111
M (716) 392-7587 | Michael.orbank@STOBuildingGroup.com

Michael Orbank is a construction sustainability professional working as the Sustainability Manager for the Northeast Region at the STO Building Group. Working in construction for ~6 years, Michael has become fully engaged in the Boston and MA built environment community, helping to pilot waste diversion, paperless jobsites, and other innovative pilots on construction projects throughout the region. He holds professional accreditations as a LEED AP, WELL AP and PHIUS Builder, and is a double graduate from Northeastern University, holding a B.S. in Environmental Science and an M.S. in Civil Engineering/Construction Management.

In addition, Michael serves as a co-chair for the Carbon Leadership Forum (CLF) Boston's Reuse Working Group, where he helps to educate, promote and facilitate discussion on building and material reuse and deconstruction.

Kathleen Prather, P.E., Professional Engineer 2
Division of Materials Management
Department of Environmental Conservation
State of New York
625 Broadway, 9th Floor, Albany, NY 12233-7260
(518) 402-8678 | kathleen.prather@dec.ny.gov

Kathy Prather has worked in NYSDEC's Division of Materials Management on solid waste issues for over 20 years. She is the agency's main contact for beneficial use determinations for construction and demolition waste, mildly-contaminated soils, and other secondary materials, and more recently a statewide contact for C&D waste processing facilities.

James (Buzz) Surwilo, Environmental Analyst
Department of Environmental Conservation
State of Vermont
1 National Life Drive, Davis 1, Montpelier, VT 05620-3702
(802) 522-5056 | james.surwilo@vermont.gov

Responsibilities include: permit writing, technical review, field work, and special research projects. Focus areas: Act 175 (architectural waste), Act 250 (Vermont's statewide land use law), use of recycled materials in transportation infrastructure, disaster debris management, tires, mattresses, solar panels, asbestos, and other weird wastes, and wildland firefighting.

Timothy Townsend, Professor, Department of Environmental Engineering Sciences
University of Florida
Sustainable Materials Management Research Laboratory
2320 Surge Area Drive, Gainesville, FL 32611
(352) 392-0846 | ttown@ufl.edu

Timothy Townsend is a Professor in the Department of Environmental Engineering Sciences in the Engineering School for Sustainable Infrastructure and the Environment at the University of Florida. Dr. Townsend teaches and conducts research related to solid and hazardous waste management. His courses cover subjects such as waste management fundamentals, landfill design, recycling, construction and demolition debris, and waste management in developing countries. He has published many papers and research reports on topics related to waste to energy, bioreactor landfills, recycling, construction and demolition debris, waste leaching, beneficial use of solid wastes, and special wastes such as electronic scrap. His recent book is titled Sustainable Practices for Landfill Design and Operation.

William M. Turley, Executive Director
Construction & Demolition Recycling Association
35 E. Wacker Ste. 850 Chicago, IL 60601
(630) 585-7530 | turley@cdrecycling.org

William Turley is Executive Director of the Construction & Demolition Recycling Association, a national trade association promoting the viewpoint of recyclers of construction waste and demolition debris. The 26-year-old association promotes recycling and reuse and provides an information exchange on the practice of recycling concrete, asphalt, gypsum, wood, and asphalt shingles, among other related

materials. It is considered the leading resource on C&D recycling in North America and provides outreach to regulatory and legislative governmental authorities on the federal, state and local level to provide information on C&D recycling. Other Notables: Mr. Turley serves on numerous peer review committees for studies pertaining to C&D; helped develop SWANA C&D Certification Course, is a member and past chair of the ConExpo-ConAgg Education Committee, is a frequent speaker on C&D subjects and consultant to C&D recyclers.

Mark D. Webster, P.E. and LEED AP BD+C, Senior Consulting Engineer
Simpson Gumpertz & Heger
480 Totten Pond Road, Waltham, MA 02451
(781) 907.9369 | mdwebster@sgh.com

Mark D. Webster is a structural engineer at Simpson Gumpertz & Heger. He is an enthusiastic supporter of Design for Deconstruction and the reuse of structural materials and has authored papers, given presentations, and conducted research on these topics. He is a founder of the Structural Engineering Institute's Sustainability Committee and recently completed a term as co-chair of the committee. He leads the SE 2050 Commitment Resources Working Group and contributes to the SEI Sustainability Committee's Circular Economy Working Group. He edited and co-authored the Sustainability Committee's technical report addressing the climate impacts of structural materials, Structural Materials and Global Climate and the committee's white paper entitled Achieving Net Zero Embodied Carbon in Structural Materials by 2050. His structural consulting practice encompasses new design, renovation, and investigation work, with an emphasis on historic buildings.