



EBC Rhode Island Chapter Program Update on Solid Waste Management in Rhode Island

Tuesday, September 12, 2017

Rhode Island Resource Recovery Corporation | Johnston, Rhode Island

AGENDA

- 8:00 a.m. Welcome: Rick Mandile, Chair, EBC Rhode Island Chapter**
Principal, SAGE Environmental, Inc.
- Program Introduction and Overview:**
- **Edward Summerly, Program Chair and Moderator**
Principal, GZA GeoEnvironmental, Inc.
- 8:15 a.m. Waste Generation and Potential for Diversion**
- **Michael McGonagle, Director of Information Systems and Business Analysis**
Rhode Island Resource Recovery Corporation
- 8:45 a.m. Disposal Capacity in Rhode Island and Southern New England**
- **Brian Card, Director of Operations & Engineering**
Rhode Island Resource Recovery Corporation
 - **Christopher M. Koehler, Solid Waste Section Manager, HDR Engineering, Inc.**
- 9:15 a.m. Can Producer Responsibility Reduce the Generation of Waste?**
- **Jamie Rhodes, Esq., Program Director, Upstream Policy Institute**
- 9:45 a.m. Networking Break**
- 10:10 a.m. Regulatory Challenges and Changes**
- **Mark Dennen, Supervising Environmental Scientist**
Rhode Island Department of Environmental Management
- 10:40 a.m. Organics Management & Recycling – Rhode Island Requirements**
- **Mark Dennen, Supervising Environmental Scientist**
Rhode Island Department of Environmental Management
 - **Catherine Conley, Microbiologist, Auspark, LLC**

11:20 a.m. Panel Discussion

Moderator: **Ed Summerly**, GZA GeoEnvironmental, Inc.

Panelists:

- Brian Card, Rhode Island Resource Recovery Corporation
- Catherine Conley, Auspark, LLC
- Mark Dennen, Rhode Island Department of Environmental Management
- Michael McGonagle, Rhode Island Resource Recovery Corporation
- Jamie Rhodes, Upstream Policy Institute

12:00 p.m. Adjourn – Closing Comments – Rick Mandile, Sage Environmental

12:15 p.m. RIRRC Central Landfill Facility Tour

PROGRAM CHAIR

Edward Summerly, Principal
GZA GeoEnvironmental, Inc.
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Ed Summerly, P.G., is a Senior Vice President at GZA GeoEnvironmental, Inc. in Providence, Rhode Island. He has 32 years of experience in the environmental science and engineering field and directs a broad range of projects involving environmental impacts to soil and groundwater, human health and ecological risk characterization, site remediation and brownfields redevelopment. Ed also serves as the corporate Technical Practice Lead for GZA's Solid Waste Services practice. Mr. Summerly received his B.S. in geology from the University of Rhode Island and certificate of Geologic Field Studies from the University of Texas at El Paso.

SPEAKERS

Brian N. Card, P.E., Director of Operations & Engineering
Rhode Island Resource Recovery Corporation
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Brian has worked in the solid waste field for over 20 years focusing mainly on design, permitting, construction and operations of landfill and transfer stations in numerous states along the East Coast. He currently manages the operations and engineering group at the Rhode Island Resource Recovery Corporation. In his capacity he manages over 850,000 tons per year of solid waste, 100,000 tons of single stream recyclables, and over 35,000 tons per year of leaf & yard waste. The operations include a solid waste landfill, materials recycling facility, composting operation, clean wood grinding, a household hazardous waste drop off facility, and numerous other ancillary functions. Mr. Card received his B.S in Engineering from Worcester Polytechnic Institute and his MBA from Queens University (Charlotte, NC).

Catherine Conley, Microbiologist
Auspark, LLC
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Catherine is currently employed by Auspark, LLC. Auspark provides the operations team that manages Orbit Energy, an anaerobic digestion plant located in Johnston, Rhode Island.

Catherine's experience comes primarily from working in Research and Development Labs at several pharmaceutical companies and has provided lab support for several research studies for MRSA and vaccine research for Dengue Fever.

Catherine earned her Bachelor of Science in Biotechnology from the University of Rhode Island, with a concentration in Microbiology.

Mark Dennen, Supervising Environmental Scientist
Rhode Island Department of Environmental Management
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Mark Dennen is a Supervising Environmental Scientist at RIDEM's Office of Waste Management. He is a Certified Professional Geologist with a B.S. from Bridgewater State and Master's Degree from the University of Oklahoma in Geology. Following his work as a consultant, he began working at the Rhode Island Department of Environmental Management for 28 years. He is responsible for oversight of Solid, Hazardous and Medical Waste in addition to inactive landfill closure and disaster debris response planning. His most recent publication was on Disaster Debris Management and appeared in the January 2013 Edition of The Professional Geologist. Outside of work, he teaches martial arts, Zen meditation, outdoor ministry and emergency first aid.

Christopher M. Koehler, P.E., BCEE, Solid Waste Section Manager
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Mr. Koehler is the Solid Waste Section Manager for HDR working out of their Boston, Massachusetts office. He is a civil engineer with over 20 years of experience in solid waste management planning, design and permitting of landfills, landfill closures, post-closure uses, solid waste transfer stations; and various other solid waste related projects.

Chris has also been the design manager in several mine closures in South Dakota, Idaho, and Colorado. Most recently, Chris was the civil/site design manager for the development of the Marine Corps University at USMC Base-Quantico.

Chris holds a Bachelor's in Economics from the State University of New York at Binghamton and a Master's in Civil Engineering from the University of New Hampshire. He is a registered Professional Engineer in Massachusetts.

In addition to EBC, Chris is also an active member of the Boston Society of Civil Engineers Sections' (BSCES) Environmental Management Group (EMG) and a member of the Solid Waste Association of North America (SWANA) and its Landfill Gas Management Technical Division.

Michael McGonagle, Director of Information Systems and Business Analysis
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Mike has worked the past 20 years at Resource Recovery in various capacities as an analyst in both information technology and solid waste planning. He holds B.S. and M.S. degrees in Resource Economics from the University of Rhode Island.

Jamie Rhodes, Esq., Program Director
Upstream Policy Institute
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Jamie is an attorney and experienced environmental advocate with a long resume of successes in legislative and collaborative campaign efforts. Rhodes recently led efforts to evolve UPSTREAM's focus on packaging and producer responsibility to addressing the impacts of plastic on city governments. Formerly the Rhode Island Director for Clean Water Action, he successfully pushed for new producer responsibility programs for paint and mattresses. He just finished a three year term as the Chair of the Environmental Council of Rhode Island, the state's environmental advocacy coalition.

Upcoming EBC Programs and Meetings

- Sep 13: Evening Program: Evolving Role of the Massachusetts Environmental Policy Act Office
- Sep 14: Climate Change Program Series: Adaptation and Resiliency Programs in the Private Sector
- Sep 19: Solid Waste Program: Update from the MassDEP Regional Solid Waste Section Chiefs
- Sep 22: Energy Program Developments at Massachusetts State & Regional Agencies
- Sep 28: Fifth Annual Offshore Wind Conference
- Oct 3: Program Series with MassDEP: Commissioner Suuberg & Southwest Region Team
- Oct 12: Energy Resource Program: Grid Modernization
- Nov 1: Connecticut Program: An Introductory Workshop on PCB Assessment & Remediation
- Nov 29: New Hampshire Program: New Hampshire Clean Energy Overview

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