



## **EBC – SWANA – NRRA – “Talking Trash” Conference**

Sixth Annual Conference on Solid Waste Management in Northern New England  
*The Future is Here – New Technologies on the Cutting Edge*

Friday, March 29, 2019

Puritan Conference & Event Center  
Manchester, New Hampshire

### **Collaborating Organizations**

Environmental Business Council of New England  
Solid Waste Association of North America – Northern New England Chapter  
Northeast Resource Recovery Association

### **Thank you to our Sponsors**



## **AGENDA**

- 8:00 a.m. Welcome – Conference Co-Chairs**
- Mike Durfor, Executive Director, Northeast Resource Recovery Association
  - David Murphy, Chair, EBC Solid Waste Management Committee  
Vice President, Tighe & Bond
  - Kevin Roche, President, Northern New England SWANA Chapter  
General Manager, ecomaine
- 8:20 a.m. New Technologies to Fill The Gaps: The Adventure Continues**
- Steve Changaris, Regional Manager – Northeast  
National Waste & Recycling Association
- 8:45 a.m. OCC and the Future of China’s Paper Business**
- Linda Leone, Vice President, Recycle Fiber Supply, North Region, WestRock
- 9:10 a.m. Today’s New Labor Force**
- Martin Laforge, Sales Manager, Waste Robotics Inc.
- 9:35 a.m. Advanced Waste Processing – Past, Present, Future**
- Craig Stuart-Paul, Chief Executive, Fiberight
- 10:00 a.m. Networking Break**
- 10:30 a.m. Forget about Single Stream, Go to One Bin to Achieve 95% Recycling Rate**
- Rob Watson, Chief Sustainability Officer, EcoHub LLC
- 10:55 a.m. Turning MSW into Biomass Pellets, Recyclable Materials, and Diesel Fuel**
- Keith Van Scotter, US Development and Operations, Sustane Technologies
- 11:20 a.m. Moderated Discussion – What Works and What Doesn’t**
- Moderator: David Murphy, Tighe & Bond
- Panelists:
- Steve Changaris, National Waste & Recycling Association
  - Martin Laforge, Waste Robotics Inc.
  - Craig Stuart-Paul, Fiberight
  - Rob Watson, EcoHub LLC
  - Keith Van Scotter, Sustane Technologies
- 12:00 p.m. Adjourn – Talking Trash North Conference**
- Lunch**
- 1:30 p.m. Adjourn**

## CONFERENCE CO-CHAIRS

**Mike Durfor**, Executive Director  
Northeast Resource Recovery Association  
P.O. Box 721, Concord, NH 03302-0721  
603-736-4401 | mdurfor@nrra.net

Michael Durfor, Executive Director of the Northeast Resource Recovery Association (NRRRA), a not-for-profit recycling cooperative serving over 400 municipal and commercial members across New England. Mike is a Graduate of Syracuse University with a B.A. in Political Science, and holds an MBA from Plymouth State University.

Since becoming NRRRA's Executive Director in December of 2008 he has increased support for member services outreach and technical support programs, started the new "Full of Scrap" monthly e-letter, updated market pricing, single-stream feasibility analysis, and introduced MSW and C&D contract negotiation and bids to the one stop shop of NRRRA services. It is especially noteworthy that he came to NRRRA at the height of the market turmoil of 2008 and NRRRA has maintained movement of material and competitive pricing for its cooperative membership ever since at increasing volumes including during the most recent market fluctuations of 2015.

Mike has increased the visibility of the NRRRA School Recycling Club programs and, as a result, NRRRA has received several Federal Grants for School Recycling outreach programs. NRRRA is an EPA Region 1 Environmental Merit Award recipient. Mike's commitment to resource recovery and economically sound recycling is shared by all the dedicated NRRRA staff.

**David A. Murphy**, P.E. Vice President  
Tighe & Bond, Inc.  
One University Drive, Westwood, MA 02090  
177 Corporate Drive, Portsmouth, NH 03801  
603-294-9215 | M 617-319-0447 | damurphy@tighebond.com

David Murphy is a managing principal/civil engineer with 33 years of senior program/project management experience. He has managed major infrastructure project in the aftermath of the 2004 Tsunami, led an Environmental Engineering firm, and managed major and complex projects for the Commissioner's office of the MassDEP helping to manage the environmental oversight of the \$14.5 Billion Big Dig, Quincy's Granite Links project, the Boston Harbor dredge project, and numerous other Mega projects. For ten years he has served at Tighe & Bond as Vice President managing over 150 projects including all aspects of Solid Waste Management, Materials Management, Real Estate Development, Coastal Infrastructure, & Renewable Energy.

**Kevin Roche**, President, SWANA – Northern New England Chapter  
General Manager, ecomaine  
64 Blueberry Road, Portland, Maine 04102  
207-773-1738 | roche@ecomaine.org

As the result of a nationwide search to lead ecomaine, Kevin joined the organization in 2004 and has served as CEO & General Manager. He has worked in the field of solid waste management since 1990, soon after the first sightings of the "garbarge" (garbage barge). His experience has moved him across the country including positions as the Director of Solid Waste for Broome County (New York), Materials

Recovery Manager for the City of Glendale (Arizona), Plant Manager for Metro Waste, Owner of a recycling facility in Rochester, New York, Solid Waste Coordinator for Monroe County, and GIS Specialist for the City of Rochester. Kevin is a 1989 graduate of the University of Buffalo, where he received a Bachelor of Arts degree in Geography. He entered the field of solid waste with passion for integrating the mapping of trash collection routes into Geographic Information Systems (GIS).

At ecomaine, Kevin's priority is to advance the organization's mission in providing comprehensive long-term solid waste solutions in a safe, environmentally responsible, economically sound manner and remain a leader in raising public awareness of sustainable solid waste management strategies. Outside of work, Kevin enjoys spending time with his family, wood-working, rooting for the Bills, and on the back of a horse.

## **SPEAKERS**

**Steve Changaris**, Northeast Regional Manager  
National Waste & Recycling Association  
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.

**Martin Laforge**, Sales Manager  
Waste Robotics Inc.  
3055 rue Tebbutt, Trois-Rivières, Quebec, G9A5E1, Canada  
844-998-6268 x205 | M 418-933-3117 | martin.laforge@wasterobotic.com

Born in Montreal, Martin has always been involved in entrepreneurship. From a young age, he was involved in family businesses. Very quickly, he becomes an excellent seller serving his clients. Having spent most of his cell phone career with Bell and Telus, he discovered a passion for corporate restructuring and the implementation of various sales, marketing and customer service processes. For two years now, he has been working with the founders of Waste Robotics to develop the robotic sorting market. Still in technological field, he accepted this new challenges in AI and robotic sorting that stimulate and motivate him to the highest degree.

**Linda Leone**, Vice President, Recycle Fiber Supply, North Region  
WestRock  
M 716-863-4287 | linda.leone@westrock.com

Linda Leone is vice president for Recycled Fiber Supply, North Region. She is responsible for providing the recycled fiber demand for WestRock's north region papermills as well as WestRock's paper mill in Morai India. Previously, she had been in various leadership roles at WestRock and RockTenn since starting at Solvay Paperboard in 1995. Linda has worked within the paper industry since 1989.

Linda is currently serving as the Paper Division Chair and Board of Directors member for the Institute of Scrap Recycling Industries (ISRI).

**Craig Stuart-Paul**, Chief Executive  
Fiberight  
410-340-9387 | craigsp@fiberight.com

Prior to founding Fiberight in 2006, Craig Stuart-Paul has been involved in the science, operations and management of the recycling business for almost two decades, starting with the formation of Resource Recovery of Maryland in 1994. This business focused on processing recycled glass into furnace-ready material for the glass container industry. Mr. Stuart-Paul was an industry pioneer in the use of optical sorting technologies for contaminant removal. In 1996, he formed Fairfax Recycling, Inc, a company that recycled residential materials collected in central Maryland and Northern Virginia. He built Fairfax into a large regional recycling center, processing over 150,000 tons of recycled materials annually before the business was sold to a Fortune 50 company in 2004. Mr. Stuart-Paul then formed Atlantic Recycling Technologies, LLC and Fiberight LLC to develop advanced fiber recovery and alternative fuel technologies. With his specialty expertise, he has also advised design-and-build teams for several large recycling plants in the United States and Europe, that collectively processes over 350,000 tons per year of wastes.

**Keith Van Scotter**, US Development and Operations  
Sustane Technologies  
3700 Kempt Road, Suite 230, Halifax, Nova Scotia, B3K 4X8, Canada  
207-249-8190 | Keith.VanScotter@sustanetech.com

Keith became involved with Sustane as the Head of US Operations and Development in 2017. His interest in the Sustane process came about due to his desire, as CEO of a small pulp and paper manufacturer, to find alternative forms of affordable and renewable biomass to fuel the manufacturing process. He realized the unique attributes of the Sustane process that allows it to create pure biomass by-product as a result of separating municipal solid waste is truly a disruptive approach.

Keith possesses extensive experience in engineering, manufacturing and development in multiple roles in environmentally important industries and holds B.S. and M.S. Chemical Engineering degrees from the University of Idaho.

**Rob Watson**, Chief Sustainability Officer  
EcoHub LLC  
815 Walker Street, Suite 1040, Houston, TX 77002  
917-848-0423 | rwatson@ecohub.net

Rob Watson, is best known as the "Founding Father of LEED." Watson is an international leader in market

transformation toward sustainability whose expertise ranges from energy efficiency, to green buildings, to sustainable materials management. Under Rob's direction, LEED became the worldwide standard by which green buildings are measured. Author Thomas Friedman called Rob "one of the best environmental minds in America." In 2019, Dartmouth Alumni Magazine recognized Mr. Watson as one of the "25 Most Influential Alumni" in the College's 250-year history.

Rob is Chief Sustainability Officer of EcoHub LLC, an innovative developer of eco-industrial complexes that can separate and transform 95% of the incoming waste stream into consumer products and renewable energy. At EcoHub, Rob is responsible for technology and economic assessment, project development and business development.

As part of his market transformation approach to solid waste, in 2016 Mr. Watson launched SWEEP, the Solid Waste Environmental Excellence Protocol, a comprehensive environmental performance standard for municipal solid waste programs and private companies in the solid waste industry.

Rob has been recognized as an international Be Waste Wise Pioneer from 2016-2018. He was the 2013 recipient of the International Conservation Award from the Botanical Research Institute of Texas and was honored as a LEED Fellow. In 2011, Rob was a semi-finalist in the international Zayed Energy Future Award for Lifetime Achievement and was profiled on CNN International. Watson received the first ever lifetime achievement award from the U.S. Green Building Council in 2002.

## **Northeast Resource Recovery Association**

### **38<sup>th</sup> Annual Conference & Expo**

Monday, May 20 – Tuesday, May 21, 2019

Double Tree by Hilton, Manchester NH

#### **UPCOMING EBC PROGRAMS**

- April 9 – Energy Resources Program: States Procurement of Renewables
- April 11 – Ocean and Coastal Resources Program: 3<sup>rd</sup> Annual Coastal Construction Conference
- April 12 – Dam Management Program: Dam Removal & Sediment Management
- April 17 – Ascending Professionals Committee Program Planning Meeting
- April 18 – Dam Management for the Ascending Professional – An Advanced Introduction
- April 24 – Connecticut Update from the CT DEEP Leadership
- April 25 – Coastal Resources Program: Municipal Vulnerability Assessments for Coastal Communities
- April 26 – Climate Change Program: Business and Facility Planning and Preparedness
- April 29 – Solid Waste Management Program: "Talking Trash" Southern New England**
- May 1 – New Hampshire Ascending Professionals Regulatory Meet and Greet
- May 2 – Emerging Contaminants Program: PFAS Overview
- May 7 – New Hampshire Program: Update on NHDES Wetlands Rulemaking
- May 9 – Rhode Island Program: ENVISION Briefing
- May 9 – Spotlight on Success: The 2018 Ascending Leaders Award Recipients Panel
- May 10 – Emerging Contaminants Program: PCB Air Sampling and Encapsulation
- May 13 – New Hampshire Chapter Program Planning Meeting**
- May 16 – Connecticut Dam Management Program: Emergency Action Planning
- May 17 – Climate Change Program: Regional Flood Pathways
- May 21 – Solid Waste Management Program: Alternative Diversion Strategies**
- June 3 – Solid Waste Management Committee Program Planning Luncheon**

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