



Northeast Resource Recovery Association's

It's not easy being **GREEN**

MONDAY AND TUESDAY
MAY 16-17, 2016
Radisson Hotel, Nashua, NH



7th Annual School Recycling Conference

MONDAY AND TUESDAY
MAY 16-17, 2016
Radisson Hotel, Nashua, NH



EDUCATION



NETWORKING



INNOVATION

Register Online Today!
www.NRRA.net

Presented by:



7:30 AM - 8:00 AM	Registration Opens
8:00 AM - 9:00 AM	Exhibit Hall Opens and Breakfast in Wentworth Exhibit Hall
9:00 AM - 10:00 AM	KEYNOTE ADDRESS: Accurately Predicting Recycling's Future by Considering Its Past



Jerry Powell, *President*, Resource Recycling, Inc.

Materials recovery is being stressed. Global economic weakness has resulted in sharp declines in the value of recyclables. At the same time, many local recovery programs are seeing flat recovery volumes. And the waste stream is changing dramatically, especially with more plastics and less paper being used than just a few years ago. With more than four decades in the recycling industry, Jerry Powell can lay out what recycling's history tells us about how we'll adjust to these and other forceful factors. What will the North American recycling industry look like at the end of this decade? How will NRRA and its members best adapt to these trends?

Jerry Powell is the owner of three magazines (Resource Recycling, Plastics Recycling Update and E-Scrap News). He edits Resource Recycling. In addition, he aids in the management of three annual conferences. The E-Scrap Conference, The Plastics Recycling Conference, and The Resource Recycling Conference, several of which are the world's largest in their fields. Previously, Jerry founded and managed a recycling consulting firm for a decade and founded and managed a recycling business in Portland, Oregon for more than eight years.

10:00 AM - 11:00 AM	Coffee Break in Wentworth Exhibit Hall
11:00 AM - 12:00 PM	SESSION SPEAKERS: Mitch Kessler, Ted Siegler and Lisa Skumatz

Single Stream, Mixed Waste, Emerging Technologies and Composting: How Does it Jive with Reaching High Diversion Goals?



Mitch Kessler, *President*, Kessler Consulting, Inc.

This presentation will provide insight into where the road to higher diversion is taking us and how we are going to get there by utilizing existing solid waste systems and employing new ones. It will focus on the critical role of processing materials yet to be recovered from the waste stream, as well as the economics of making it all work and various processing options integral to increasing waste diversion.

Caution, The Numbers in A Waste Composition Study are Not What They Appear to Be!



Ted Siegler, *Partner*, DSM Environmental Services, Inc.

State and local policy makers often use the results of waste composition studies to advocate for increased recycling and organics recovery. While this is certainly a valid use of waste composition studies, it is critical that the policy be based on what waste composition studies do and do not tell you about what is left in the waste stream. This presentation will discuss the results, comparing the data, and providing information on how they apply to waste generation and disposal in the Northeast.

Problem Materials and Setting Legislated Goals: Practical Research on Mercury in Existing Homes and Buildings



Lisa Skumatz, *Principal*, Skumatz Economic Research Associates

Mercury is a problem for landfills, and many states have adopted strict legislative measures for recycling of this material. Industry is claiming they are doing a good (or adequate) job recovering thermostats, but states are not in a position to know whether this is true – they don't know how many thermostats there are to be recovered!

12:00 PM - 1:30 PM	Lunch & NRRA Recycling Awards
1:30 PM - 2:30 PM	SESSION SPEAKERS: Q&A with moderator Jerry Powell and guest panel, followed by Stephen Lisauskas and Cindy Sterling

"Single Stream? How's that Working?"

Moderator – Jerry Powell

Mr. Powell will moderate a discussion with a panel of guests who will include **Ben Harvey** (EL Harvey), **Bob Cappadona** (Casella), **Jim Nocella** (Waste Mgmt.), **Missi Labbe** (EcoMaine), **Rob Watson** (EcoHub) and will include:

- In depth discussion from the most experienced panel assembled in New England.
- How much more material do you handle if residents use a single-stream system?
- How many recovered paper producers operate single-stream plants?
- What are the challenges that no one foresaw?
- What can be done to address them?
- How have the down markets affected single stream plants?
- How does this affect new and existing contracts?
- Is a One Bin / Dirty MRF the next best thing ? What's holding them up?



1:30 PM - 2:30 PM

SESSION SPEAKERS: Jerry Powell, Stephen Lisauskas and Cindy Sterling

Pay-as-You-Throw as a Fee-Reduction Policy



Stephen Lisauskas, Vice President, WasteZero

Drawing on WasteZero's 20+ years of experience working with hundreds of New England PAYT communities, this presentation will share case studies from some of the communities that have successfully used PAYT as a fee-reduction policy and offer a set of best practices that municipalities can use for assessing and implementing a fee-reduction strategy with pay-as-you-throw.

Operator Smack Down



Cindy Sterling, Grant Coordinator/Educator, NRRA

Regulations dictate how to manage waste in a safe and efficient manner.

Transfer station attendants put the rules into practice while educating the public on how to do the right thing. NRRA connects both worlds by providing community support with collection and transportation of materials banned from disposal and by monitoring the pulse of the solid waste industry. Let's all share our stories.

2:30 PM - 3:30 PM

Dessert with the Exhibitors in the Wentworth Exhibit Hall

3:30 PM - 4:30 PM

SESSION SPEAKERS: Bonnie Bethune, Mike Nork, Marilyn Weir, Tonya Randall and Michael H. Simpson

NRRA Round Table Discussion: The Nuts and Bolts of Drop-Off Centers



Bonnie Bethune, Mike Nork, Marilyn Weir, NRRA Member Services

NRRA Member Services staff will host an open discussion of current issues facing drop-off facility managers and operators. This will be a great way to meet other facility workers and discuss your challenges and possibly find solutions to make it easier to be Green! Learn and share tricks of the trade that will make your facility run better!

Plastics Recycling Doesn't Need to be so Confusing



Tonya Randall, Moore Recycling Associates

In the current commodities marketplace, quality counts; and we know that customers often put the wrong materials in the bin simply because they don't know any better. This presentation will introduce and explain the Plastics Recycling Terms and Tools, a free resource created to streamline communications between anyone who touches plastics to be recycled—from residents all the way to end users.

Composting 101



Michael H. Simpson, Director, Resource Management & Conservation Program, Antioch University New England

This session will introduce the basics that must be mastered in order to operate a municipal/agricultural-scale composting facility that is in compliance and avoids potential impacts to neighbors and the environment.

4:30 PM - 6:00 PM

After Hours with the Exhibitors

Join us for some tasty appetizers and a cash bar with the Exhibitors. Vote on your Favorite Exhibit Booth and see who wins. The Exhibitor Hall of Fame Awards will be announced too!

Partners:



7:30 AM - 8:30 AM

Registration Opens & Breakfast in Wentworth Exhibit Hall

8:30 AM - 9:30 AM

SESSION SPEAKERS: **Mitch Kessler, Lisa Skumatz, Dana D'Souza, and Lauren Palumbo, COO**



It Takes Two to Tango: Essential Steps to Promoting Powerful Partnerships Toward High Diversion

Mitch Kessler, *President*, Kessler Consulting

This presentation identifies business opportunities for both the public and private sector that choose to take on obtaining high diversion rates by engaging in public-private partnerships. In considering the path toward high diversion, we will identify why partnerships are necessary and the critical elements in developing public private partnerships that achieve a win-win for all parties.



What High Performing Communities Can Do Next!

Lisa Skumatz, *Principal*, Skumatz Economic Research Associates

Dana D'Souza, Skumatz Economic Research Associates



Communities in the northwest and in California and elsewhere are facing a problem – they had been early leaders in recycling and composting, but were stuck. Progress had slowed and diversion performance had stagnated. This project explored the suitability of strategies from around the country that could help improve the performance and cost-effectiveness of collection

programs to support better performance, and open up budgets to add additional materials. This presentation summarizes the results of the analysis and the suitability of the strategies for other communities trying to increase diversion and/or free up funds to capture “next streams”.



How a Regional Food Rescue is Meeting the Needs of the Retail Food Industry

Lauren Palumbo, *COO*, Lovin' Spoonfuls

This presentation outlines the challenges of wasted food, both environmentally and financially. It also reviews the state of food insecurity in Massachusetts and beyond. Following a review of the problem, there is an in-depth review of the Lovin' Spoonfuls model of food rescue and how we have implemented growth with partners in the region we serve. The presentation shows a scalable solution to a significant problem facing the resource recovery industry, and a top line solution at that: feeding people.

9:30 AM - 10:30 AM

Coffee Break in the Wentworth Exhibit Hall

10:30 AM - 11:30 AM

SESSION SPEAKERS: **Bonnie Bethune, Mike Nork, Marilyn Weir, Caleb Rick and Regan Pride**



NRRA Round Table Discussion: The Nuts and Bolts of Drop-Off Centers

Bonnie Bethune, Mike Nork, Marilyn Weir, *NRRA Member Services*

NRRA Member Services staff will host an open discussion of current issues facing drop-off facility managers and operators. This will be a great way to meet other facility workers and discuss your challenges and possibly find solutions to make it easier to be Green! Learn and share tricks of the trade that will make your facility run better!



Ekopolimer Putting Plastic Waste to Work

Caleb Rick, *CEO*, EcoGlobal

Of the 7.5 million tons used annually in the U.S., the EPA estimates less than 6% is recycled (examples: shrink film for books, bundling and pallets: overwrap film for towels, tissues; film for bakery goods, meat, coffee, frozen foods; liners, bags and shoppers; greenhouse and silage, etc.). Caleb will discuss how Ekopolimer represents an opportunity to divert dirty film plastic from the landfill and invite audience discussion around sourcing, products and the company's plans.



Show Me the Money: Full Cost Accounting for Solid Waste Management

Regan Pride, *Waste Management Planner*, North Country Council Regional Planning Commission

What costs more on a per-ton basis, landfilling or recycling? Does your Pay-As-You-Throw program “break even”? Full Cost Accounting (FCA) can help you answer these questions. FCA is an effort to more fully and accurately document the costs associated with disposal of solid waste for a given municipality, including both direct and indirect costs for such things as labor, fuel, and sub-contractors associated with solid waste. This presentation will give the audience an overview of the FCA approach and show examples of the surprising results found for several NH towns.

11:30 AM - 12:30 PM

Exhibit Hall & Mini Trash on the Lawn Day

Join students by literally sorting through a day's worth of “Trash on the Lawn”. See how the NRRA School CLUB's thought provoking, service learning project helps assess recycling rates and waste management practices.

12:30 PM - 2:00 PM

Lunch, School Awards, Closing Remarks

It's not easy being GREEN



7th Annual School Recycling Conference

TUESDAY | MAY 17

STAY CONNECTED



7:30 AM - 8:30 AM

Registration Opens & Breakfast in Wentworth Exhibit Hall

8:30 AM - 9:30 AM

Activity Booths

Teachers and Students will not only have 6 educational and thought-provoking workshops from which to choose, they will also have the opportunity to learn with fun, hands-on activities set up in our exhibit hall!

9:30 AM - 10:15 AM

SESSION SPEAKERS: Charen Fegard, Elizabeth Harris, and Cindy Sterling



Be a Clean Green Superhero!

Charen Fegard, *NRRA School CLUB Educator*

Did you know that many common household cleaners can cause health issues from asthma to cancer to infertility? Come learn how to spot the harmful products and why it is important to avoid them as well as how to select safer products or make your own. This hands-on workshop will teach you all the superhero tricks (and give you a recipe book) to be a clean green superhero!



School Fundraising through Textile Recycling

Elizabeth ("Betsy") Harris, *Community Relations Liason, Weymouth Public Schools*

Please join Betsy Harris for an informative presentation on how Weymouth Public Schools started a district-wide textile recycling program which netted over \$26,000 over a 3.5 year period. Betsy will discuss everything from start up, to logistics, to recordkeeping to sustainability. Learn how your school can benefit from this "low hanging fruit" program.



THE 3R'S MEET THE COMMON CORE - The Dirt on Dirt

Cindy Sterling, *Grant Coordinator/Educator, NRRA*

In waste management, the 3R's stand for Reduce, Reuse, Recycle. In schools, the 3R's can be some of the most invaluable hands-on lessons for kids to learn and put into practice. Teachers will see how NRRA has aligned recycling education with the common core standards while students participate in a newly aligned composting workshop and get "the dirt on dirt."

10:15 AM - 10:45 AM

Coffee Break in the Wentworth Exhibit Hall

10:45 AM - 11:30 AM

SESSION SPEAKERS: Diane Varney-Parker, Lisa Skumatz, and Jen Thayer



How to Start, Maintain & Rejuvenate a School Recycling Program

Diane Varney-Parker, *Milford Middle School, Milford, NH*

Learn ideas from the Milford Middle School on how to start, maintain and even rejuvenate a recycling program at your school. The MMS Recycling Club started with 1 teacher and a handful of students. After initial success the program remained consistent, but at a plateau for several years. Recently new members, new funding (from local grants), and the implementation of school-wide recycling programs have brought a new level of enthusiasm for reducing waste to this group that is spreading throughout the whole school.



Diversion in Schools, What makes Sense? Why the Variation?

Lisa Skumatz, *Principal, Skumatz Economic Research Associates*

Attendees will learn about practical barriers in schools; identify the drivers affecting adoption of recycling and organics programs at the school & district level; and learn best practices in increasing recycling in schools.



The ABC's of Going Green

Jen Thayer, *Shapleigh School, Kittery, ME*

The Shapleigh Shark's Green Team from Kittery, ME, know a thing or two about the 3 Rs at a public school. Join this workshop for a look at what it takes to motivate a school of 400 plus students and educators to get on board the environmentally sustainable train to get going and stay growing green.

11:30 AM - 12:30 PM

Trash on the Lawn Day (TOLD)

Trash on the Lawn Day (TOLD) is the NRRA School CLUB's thought-provoking, service-learning project that assesses a school's waste management issues and opportunities for improvement by literally sorting through a day's worth of waste "On the Lawn".



12:30 PM - 2:00 PM

Lunch, School Awards, Closing Remarks

Register online at www.NRRA.net

General Conference Information

STAY CONNECTED



2016 Recycling Awards

Presented at Lunch – 12 Noon on Monday, May 16th, 2016

Nominate a deserving individual, facility, brochure or website for a Recycling Award!

Can you think of that individual, recycling program, brochure/website or volunteer in the world of recycling that deserves recognition? These are some of the award categories to be considered:

- Most Programs thru NRRA in 2015
- NH The Beautiful 2015 Environmental Stewardship Award
- NRRA 2015 “Outstanding Recycling Program”
- NRRA 2015 “Volunteer of the Year”
- NRRA 2015 “Business of the Year”
- NRRA 2015 “Rookie of the Year”
- NRRA “Special Recognition Award”
- Sami Izzo “NRRA 2015 Recycler of the Year”



*For more information email info@nrra.net or go to <http://www.nrra.net/2016-conference-and-expo/>

2016 Exhibitor/Sponsor Awards

Presented Monday Night during the After Hours Event from 4:30-6:00 PM

- Best Booth in Conference
- Spin the Wheel Award
- NEW Exhibitor Hall of Fame Award(s)

Exhibitors that have exhibited with us for 10 or more years (not necessarily consecutively) will be given an award!



Back by Popular Demand

Spin to Win!

Spin the Wheel to win a prize from one of our participating exhibitors!

NEW TUB AUCTION!

A new spin on a couple of old favorites. We're combining the silent auction with the Tub Raffle in a fundraiser that's sure to please fans of both activities! Place your bid on one of our spectacular gift baskets and you're sure to be a winner!

Special Value Package (SVP)

Only Available until April 22nd!

The “SVP” includes: Two day registration with one overnight accommodation (Monday night) in a standard room with two double beds or one queen bed.

Additional nights are available for \$125 per night if reserved by April 22nd.

See Registration Page for SVP pricing details!



2016 School Recycling Awards

Presented at Lunch-12:30 PM on Tuesday, May 17th, 2016

Nominate a School, Green Team, Student, Faculty Member, Event or Facility Person for a Recycling Award!

Does your school have an individual, program or an event that deserves recognition for outstanding work in recycling? These are some of the award categories to be considered:

- School Recycler of the Year
- Rookie Recycler of the Year
- Best Composter
- Outstanding Recycling Fundraiser
- 2015-2016 Student Recycler of the Year
- Outstanding Recycling Innovation in a School
- Outstanding Community Involvement
- Teacher Recycler of the Year
- Best Earth Day/Recycling Event 2015-2016



*For more information email theclub@nrra.net or go to <http://www.schoolrecycling.net/conferences/2016-conference/>



If you have pictures or memorabilia from past conferences, please bring them along to share!!

Celebrate 35 years

with NRRA!



It's not easy being GREEN



Northeast Resource Recovery Association



35th Annual Northeast Recycling Conference & Expo Registration Form

May 16th & 17th, 2016



Attendee's Name: _____ Title: _____

Organization/City or Town: _____

Address: _____

Town/City: _____ State: _____ ZIP Code: _____

Phone #: _____ Fax #: _____

E-Mail: _____ NH DES Training Credit? Yes No

After Hours with the Exhibitors: Monday, May 16th from 4:30 pm to 6:00 pm. Visit and network with the Exhibitors, while enjoying appetizers, entertainment and a cash bar. This event is open to all attendees!

	NRRRA MEMBER		NON-MEMBER		TOTALS:
	By April 22	After April 22	By April 22	After April 22	
<input type="checkbox"/> Daily Registration (per person)	\$125 Mon. Only	\$150 Mon. Only	\$225 Mon. Only	\$250 Mon. Only	<input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Both Days \$ _____
	\$100 Tues. Only	\$125 Tues. Only	\$175 Tues. Only	\$200 Tues. Only	
	\$225 Both Days	\$275 Both Days	\$400 Both Days	\$450 Both Days	
<input type="checkbox"/> Special Rate* for Additional Municipal Operator/Volunteer	\$75/Day	\$100/Day	\$150/Day	\$175/Day	<input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Both Days \$ _____
<input type="checkbox"/> Special Rate** for Students, Teachers, Admin. & Legislators	\$50/Day Students \$75/Day Teachers/Admin. \$75/Day Legislators		\$60/Day Students \$90/Day Teachers/Admin. \$75/Day Legislators		<input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Both Days \$ _____
<input type="checkbox"/> Special Value Pkg. (SVP) Register for the Entire Conference & Expo at ONE LOW PRICE (does NOT include parking).	\$330	Not Available***	\$500	Not Available***	SVP Includes Entire Conference & Expo & One night's accommodation at ONE LOW PRICE! \$ _____
<input type="checkbox"/> Additional Hotel Nights @ \$125/night (includes tax)	<input type="checkbox"/> Fri. May 13 <input type="checkbox"/> Sat. May 14 <input type="checkbox"/> Sun. May 15		<input type="checkbox"/> Tue. May 17 <input type="checkbox"/> Wed. May 18		\$125 X ____ = \$ _____

* In order to receive the "Special Rate," additional Municipal Operator/Volunteer registrations must be accompanied by one fully paid Daily Registration. **TOTAL DUE:** \$ _____

** NH Student or Teacher? Contact the School CLUB at theclub@nrra.net or 603-736-4401 for possible matching funds for conference attendance.

*** After April 22, all Attendees are responsible for registering at the "Daily" rate (for the appropriate number of days attending) and for making their own overnight accommodations by calling the Nashua Radisson Hotel directly (603) 888-9970 or go to www.radisson.com/nashuanh and be sure to use PAC Code NERR16

Check Enclosed (Payable to NRRRA)
 Charge: Visa MC

Card#: _____ Expires: _____ Security Code: _____

Name as it Appears on Card: _____ Signature: _____

Card Billing Address: _____

Checks and money orders must be payable in US funds and payable to NRRRA. NRRRA reserves the right to change the program or make cancellations without notice. NRRRA may not accept forms which are not filled out correctly or where payment is incorrect. To reduce waste, NRRRA does not mail confirmation notices. However, you may call or email (info@nrra.net) to confirm your registration.

All requests for refunds must be in writing and received prior to April 15, 2016. Refund Requests will be processed within 30 days FOLLOWING the Conference. A cancellation fee of \$30 per registrant will be deducted.

Cut along this line and mail with your check to NRRRA or Register online @ www.nrra.net



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CONFERENCE & EXPO



Celebrate 35 years
with NRRA!

We very much appreciate your support and contributions to our organization.

Thanks to all of you, our Annual conference has been a success for 35 years.

Michael Durfor, *Executive Director*
and the NRRA Board and Staff

STAY CONNECTED



Presented by:



Northeast Resource Recovery Association



School Recycling CLUB



In partnership with:



NewsVoice of Salvage, Waste and Recycling



THE ORGANICS RECYCLING AUTHORITY



MASSRECYCLE



FROM WASTE



SWANA



The Advantage in the Waste and Recycling Industry

Gold Sponsors:



INTERSTATE REFRIGERANT RECOVERY INC.



Good Point Recycling

