



May 18, 2015-Full of Scrap

INSIDE THIS ISSUE

- From the Director's Chair: Conference Reminder & Contract Help
- PGA Video Available
- Register NOW for the NRRA Conference
- Baling Wire
- School News You Can Use
- NH the Beautiful: Road side Clean-ups Keeping NH Beautiful
- NH News
- Vermont News: E Waste Webinar
- Connecticut News
- National News
- Classifieds
- NRRA Calendar



~Recycling Fact of the Day~

Over 60 percent of what we put in our landfills is organic waste, such as food scraps, yard trimmings, and paper, much of which could be recycled by composting.



FROM THE DIRECTOR'S CHAIR



What may look like confusion or pandemonium is really a well executed plan! It's not the Keystone Cops, it is the NRRA team barreling toward the 34th and "Best Ever" conference. From the Speakers and Workshops to the overflowing Exhibit Hall, June 8th and 9th in Manchester at the Radisson is going to be an absolute can't miss event.



From Keynote Speaker, Chaz Miller- Mr "Garbage is Good"



to Jack Golden's "Garbage is my Bag"



to Rob Watson(left,below) and his "There is no such thing as garbage" "ECOHUB" this will be a conference to remember!



There is limited seating available so register today and make sure to see the whole gang in action on June 8 and 9!

CONTRACTS COUNT AND NRRA CAN HELP



Over the last several years NRRA has not only bid on both MSW and C&D Contracts , but also advised members on the terms and conditions that they were presented with in the normal course of contract negotiations and renewals. As it can take additional time to review these in depth, there is a very minimal fee charged for this extra service but so far the savings to Member Towns have been well worth “another pair of eyes” reviewing the latest proposals. As it does with all recycling commodities, NRRA tracks the MSW markets across all of New England and its data base contains up to date and current market pricing. When your contract comes up for renewal be sure to give NRRA a call and get the most current market advice to assist you in your negotiations or have NRRA represent you with your current vendor or any new vendors should that be the result. Put NRRA to work for you!



NRRA NEWS

GA (Processed Glass Aggregate) VIDEO AVAILABLE!!

On April 30th, 2015, NRRA and the Town of Wakefield met to discuss PGA and the role of Wakefield as an NRRA PGA Host Site.

Glass to Glass Recycling was the most popular way of recycling glass in the 80's, 90's and in early 2000.

Currently only 3 NH communities do glass to glass recycling; all other communities are either bringing the glass to PGA Host Sites, including glass in single stream or commingled containers, crushing on their own sites for local use or using as landfill cover.

In 2014 alone, 5,700 tons of glass was delivered to the 7 NRRA PGA Host Sites to be processed into aggregate.

The 6 sites in NH are Goffstown, Hopkinton, Keene, Littleton, New London and Wakefield and there is one in Springfield, VT.

Once crushed, the glass is used as road and sidewalk base or in drainage projects as a crushed gravel substitute.

This Video was sponsored by NH The Beautiful and, although a few years old, is still pertinent today.

Note: Porcelain sinks and toilets (with hardware removed) CAN be included in with the glass jars and bottles.

**Note* If you're having trouble viewing the video clip above, try following this link: <https://youtu.be/rHBMOXReYok>*

Special Value Package Pricing has Ended but Still Time to Register!



The ship has sailed for our Special Value Package Conference Pricing but that's no reason to miss out on this information packed event!! We still have plenty of room left for you and our regular registration prices are still very competitive and an extremely good value!

As Mike said above you don't want to miss our "Best Ever", 34th Annual Northeast Recycling Conference & Expo so click [HERE](#) to download the registration form and send it in to us as soon as you can!



Baling Wire

With many of our members using balers to "condense" their recyclables prior to marketing, the availability of quality, inexpensive baling wire is a necessity! The NRRA offers its membership quality baling wire, at fantastically low prices, that can be shipped directly to facilities!

Consider buying more bundles to avoid the shipping charges. Shipping Charges may be waived for quantity bundles and gauges as follows:

- 20 bundles for 11 ga (125) bale ties
- 30 bundles for 12 ga (125) bale ties
- 40 bundles for 13 ga and 14 ga (250) bale ties
- 60 bundles for 13 ga and 14 ga (125) bale ties

In 2014, 42 NRRA members purchased over \$46,000 worth of baling wire thru NRRA.

Perhaps your neighboring town uses the same wire ties, look at ordering together for a savings.

NRRA has 2 vendors....both handle large and small quantity orders.

Blue painted, galvanized, black and plastic ties available.....simply contact your NRRA Member Services Representative for pricing.

Example Member Savings:

2013 paid \$101.94 plus \$82.15 shipping charges for 10 bundles; 2015 paid \$88.60 per bundle for 20 bundles; Savings on 20 bundles = \$431.

Recommendation:

Request some “sample bale ties” to try before switching to another vendor/manufacturer.

Did you know.....

Baling Wire vs. Strapping: The use of strapping in place of baling wire limits the marketability of some types of recyclables, especially any type of fiber products (i.e., cardboard, newspaper, mixed paper). Many paper mills will not accept bales with strapping due to their inability to “cut” the strapping. For assistance in making the change from strapping to baling wire, please contact NRRA.



SCHOOL NEWS YOU CAN USE

DON'T MISS JACK GOLDEN —GARBAGE IS MY BAG!!!!

6TH ANNUAL CONFERENCE IS IN 2 WEEKS -

SIGN UP TODAY!!!!!!!!!!!!!!



Call us at 603-736-4401 or go to our website to register now!!

Garbage Guerilla Workshops at Hampstead Central

Hampstead Central School hosted three Garbage Guerillas Workshops for their third-graders on April 22. Generous funding from the Hampstead Recycling Committee made this possible. We'll have a full write-up in our next newsletter. Here are some pictures:



School CLUB Educator Cindy Sterling coaches Hampstead Central students on trash sorting tactics for Garbage Guerillas.



Hampstead Central students dig in while student monitors assist with the sort.



Would you like to host a TOLD, Garbage Guerillas or another Workshop at your school? Let the CLUB Help!

- Improves academic performance, especially in science and math
- Can lead to financial savings for schools
- Decreases the school's carbon footprint through practical solutions that reduce energy and water consumption
- Reduces school waste and conserves natural resources
- Encourages student environmental awareness and stewardship
- Increases parental involvement

- Helps students and teachers develop stronger relationships with their communities

Previous EPA EE-funded research at over 200 New England schools completed by the NRRA School Recycling CLUB (the CLUB) found that the single most challenging area for school recycling programs was in providing curriculum integrations that brought recycling and sustainability into classrooms to be used as the subject matter for meeting state and local curriculum standards. The intention of the CLUB programs is to address just that issue in schools across all six New England states. Our goal is to use the CLUB's workshops and technical assistance programs, all experiential and hands on, as a tool for educating K-12 students about consumption, proper diversion of waste, the resulting impacts on climate change and what they can do to change it. Through these offerings, we are also afforded the opportunity to link these priorities to curriculum standards. In addition, these workshops will model, for educators or community leaders, exemplary ways of teaching in creative, effective, and efficient methods about human health threats from environmental pollution as well as how to minimize human exposure to preserve good health. [Click here to learn more](#) or contact us at theclub@nrra.net or call 1.603.736.4401 ext. 19



NH THE BEAUTIFUL



Order your **FREE** Litter Free NH Blue Bags & Clean up NH!



Spring is here and that means that the snow is melting leaving our road sides looking well, trashed. Once again NH the Beautiful will be providing blue bags to communities in NH **free of charge**. Since 2007 a total of 565,650 bags have been donated for litter clean-up efforts in New Hampshire. If your community is organizing a litter clean-up day and you would like to take advantage of this program, please fill out the order form and return to the NRRA office. [Click here](#) for the order form and more information.

Roadside Clean-ups Across the State Help Keep NH Beautiful

The results of the state-wide, local, road side clean-ups are pouring in and I'd like to share some of the overwhelmingly impressive stats with our readers. So far this year New Hampshire the Beautiful has given

form and fax it to 603-736-4402. If you do not have access to the internet, please give us a call, and we can fax or mail a form to you.

NH the Beautiful Provides FREE Facility Signs



All NH municipalities are eligible to apply for FREE facility signs. NHtB has been providing professional looking signs for NH municipalities since 1983. Under the NHtB Sign Program, New Hampshire Municipalities are all eligible to apply for signs (60 points each fiscal year or until funds run out). The NHtB fiscal year runs November 1-October 31. If you have any questions, feel free to contact Stacey at 603-736-4401 x.10. To maximize your points, you can also order “recycled” signs or

overlays for existing signs!

For a complete list of sign options and to order signs, click here [Complete Sign Packet](#). Simply print the forms you need, mail or fax them to 603-736-4402.

Please NOTE!!! You can only use points to order signs that are on the list. Words can be removed, but nothing can be added. Custom signs are available for purchase. Contact the NRRA for details.

NHtB Also has Clear Stream Containers and 14-Gallon Recycling Bins for Sale at Discounted Prices

Click the links below to find out how you can get yours!



[Click here for ClearStream info.](#)



[Click here for Bin info.](#)

Visit NH the Beautiful on Facebook and Twitter



To see all the latest that NH the Beautiful is doing for NH check out their Facebook Page! Click the following link – <https://www.facebook.com/pages/NH-The-Beautiful/253682871403932>

We are also on [Twitter](#) and [Instagram](#)

NH the Beautiful, Inc. (NHtB) is a private non-profit charitable trust founded in 1983 and supported by the soft drink, malt beverage, and grocery industries of New Hampshire. By offering municipal recycling grants (over \$2.5 million) and signs, anti-litter programs, and technical assistance to recycling programs, NHtB is a unique organization that represents a voluntarily-funded alternative to expensive legislation intended to achieve the same end results. NHtB supports the NRRRA School Education Program (the Club). The Northeast Resource Recovery Association (www.nrra.net) administers the New Hampshire the Beautiful programs.



NH DES NEWS



The NH DES Operator Certification Rules became effective July 1 and are linked [HERE](#). If you have any questions, contact either NRRRA or NH DES directly. To visit the link for the NH DES new Solid Waste Operator Applications and upcoming workshops visit: <http://des.nh.gov/organization/divisions/waste/swrtas/index.htm>

Continuing Professional Development for Certified Solid Waste Facility Operators

Certified solid waste facility operators must attend or participate in 2.5 hours of relevant continuing professional development each year to keep their certification current. This typically means attending at least one training event such as a workshop or conference. Operators must submit written confirmation of attendance with their renewal application for trainings not provided by DES. Credit will generally be given for continuing professional development that offers information about and increases awareness of environmental, waste management operations, and health or safety issues.

DES offers workshops to meet the 2.5 hour per year requirement of continuing professional development, but also accepts relevant training from other organizations. Please click [HERE](#) for some current training

opportunities. DES updates their web page when new workshops are scheduled, so check back often to find new postings.



NEW HAMPSHIRE NEWS

Work to begin on Derry transfer station

By Hunter McGee, Manchester Union Leader 5/7/15

DERRY — After years of planning, crews will break ground later this month on a new \$2.8 million transfer station.

The project is expected to generate approximately \$150,000 a year in revenue and eventually pay for itself, Public Works Director Michael Fowler said Thursday.

Hutter Construction of New Ipswich, the contractor for the project, could start in as early as two weeks, but should start no later than the end of the month, Fowler said.

The project includes a 15,320-square-foot, fully enclosed “no frills” steel building, which will feature a recycling area with a flexible bunker structure.

“It’s a pre-engineered building — relatively straightforward,” Fowler said.

This will allow for “maximum revenues to be attained from recycled material collected,” Fowler said.

Through the steady flow of revenue from recyclables such as plastic and aluminum, the project could pay for itself over the course of 20 years.

Fowler said construction should proceed rapidly and, “The expectation is the building will be completed around late November 2015,” he said.

The building serving as the town’s current transfer station was built in 1980 and is showing its age. Derry has needed to replace the facility for a while, he said.

After the new transfer station is completed, Fowler said the conversion from the old facility likely won’t happen until after the holidays in January 2016. December is typically public works’ busiest time of the year, so it would be better to wait until after the New Year to make the transition, he added.

The process to build a new transfer station began in 2012 with the approval of a \$3 million bond in the fiscal year 2013 budget.

But the town’s engineering consultant couldn’t provide assurances that the facility could be built within the \$3 million budget, Fowler said.

Last spring, a decision was made to shift the project to a design-build model. Under this approach, the town contracts with a general contractor and a team of architects and engineers to provide a “best value proposal” at a guaranteed maximum price, according to officials.

Out of seven firms competing for the bid, Hutter Construction was selected for the project in the fall.



VERMONT NEWS

Good Point Recycling to Host E-Cycles Training



Webinar Announcement

Good Point Recycling will host a training webinar on May 20th at 10 AM. All operators involved in any aspect of the Vermont E-Cycles program are invited and encouraged to attend, particularly recent hires or anyone new to the program. Discussion topics will cover proper handling, labeling, storage and identification of covered and banned electronic devices as well as other pertinent information to the program. To register, please respond to Nathan Hill at nathanh@good-point.net.

Can I put Electronic Devices into the scrap metal recycling bin?

Whole “electronic waste” devices (i.e., computers, printers, monitors, computer peripherals, and televisions) collected from *anyone* cannot be placed in the scrap metal bin. It is recommended that all other electronic devices that contain a circuit board or other hazardous constituents also not be placed in a scrap metal recycling bin.

<http://www.anr.state.vt.us/dec/e-waste/pdfs/WasteElectronicsDeviceFactSheet.pdf>

~Nathan Hill, Good Point Recycling

Vermont landfill ban on recyclables goes into effect July 1

By LISA RATHKE, Associated Press

MONTPELIER, Vt. (AP) — Vermonters should think twice before throwing that empty water bottle in the trash bin.

Starting July 1, recyclables such as metal, glass, certain plastics and paper will be banned from landfills as part of a goal of recycling and composting certain solid waste by 2020. For trash haulers that do not already collect recyclables, that means a change.

“The idea behind the law is to make it equally convenient for Vermonters to recycle as it is to throw something away,” said [Deborah Markowitz](#), secretary of the [Vermont Agency of Natural Resources](#).

Several of the state's solid waste districts already require recycling, and the state's big trash haulers already take them. But some smaller ones in less-populated areas do not, meaning they may have to spend thousands of dollars to revamp trucks to collect more recycling, provide more customers with recycling containers and educate them about the practice. They could also contract with another hauler to pick up the recyclables.

Haulers can't charge a separate fee for recycling. The state says haulers may recoup extra costs by increasing their overall trash and recycling fee.

[Jeff Myers](#), owner of Myers Waste and Recycling which serves the central and northern part of the state, said leaders did a good job with the law, even as he weighs whether to raise his fees.

"If we're going to recycle, we all have to recycle, not pick and choose which parts of the state can recycle, because why should a guy in the city have to recycle and a guy in the outskirts doesn't have to?" he said.

The state doesn't foresee enforcing the requirement on individual residents but says it will ensure haulers are offering recycling collection.

The landfill ban is part of a state law passed in 2012 addressing universal recycling of certain solid waste. Leaves, grass and other yard waste will be barred from landfills beginning in 2016, and a household food waste ban will take effect in 2020.

Before the law was passed, a study by the Environmental Protection Agency found that states on average recycle about 35 percent of their waste. Vermont was at 36 percent, which lawmakers said was not enough.

Four other states have varying policies about what recyclables can and cannot go into a landfill, according to Washington-based National Waste & Recycling Association. Some of those state's policies are as comprehensive as Vermont's; some have just singled out certain items, said [Chris Doherty](#), spokesman for NW&RA.

In the past five years, there's been a shift in thinking about waste collection, from stuff that can be thrown away to resources that would be valuable to keep, such as aluminum, Markowitz said.

Haulers can either offer recycling services themselves or subcontract with another hauler to do so. The state is offering some additional time for some of the haulers in the remote Northeast Kingdom to comply with the new requirement, Markowitz said.

The state will focus on providing technical assistance and education in the first few years, officials said.

"In these initial years it's all about getting the word out and educating Vermonters, making sure that the systems make it successful," Markowitz said.



CONNECTICUT NEWS



Salisbury Central School Principal Lisa Carter, left, helped students examine the trash for recyclable materials

LAKEVILLE — Beginning May 1, the Salisbury-Sharon transfer station will no longer charge for mattress and box spring disposal.

In 2013 the Connecticut General Assembly passed legislation requiring mattress manufacturers to create a recycling program for mattresses and box springs.

As of May 1, retailers will collect a \$9 recycling fee on each mattress and box spring sold in Connecticut. These fees go to the Mattress Recycling Council (MRC).

Transfer station Manager Brian Bartram said the MRC will deliver, free of charge, a container for the mattresses.

So what used to cost a Salisbury or Sharon resident \$15 now costs nothing at the disposal end (this service is of course only available to town residents who have paid their annual transfer station sticker fee). Bartram said the transfer station handles between 600 and 800 mattresses and box springs a year.

He was at Salisbury Central School on Wednesday, April 22, checking in with the students on their ongoing recycling education.

Over three years, the students have significantly reduced the amount of recyclable materials in the ordinary trash, he said, from 11 percent of the total collected to 6 percent.

The school has also started a pilot program for composting cafeteria food waste, using a dual barrel composter. The staff will use the composted material on site and/or offer it for use in the community.

Bartram has been working on an internship with the University of Connecticut Master Composter Program. After he completes at least two service projects, he will graduate in the fall.

The Lakeville Journal



NATIONAL NEWS

Researchers: Cleaning plastic from the Great Lakes could cost nearly \$500 million

By Michael Lauzon, Plastics News

Researchers have found a plastics litter problem in the Great Lakes that they say is just as bad as the mess in the ocean. And waterfront communities could spend \$486 million per year if they want to clean it up.

The Ecohydrology Research Group based in Waterloo, Ontario, said some surface areas of the Great Lakes have about the same concentration of plastic litter as that reported in oceanic gyres, where currents interact and trap litter in persistent, swirling regions.

Plastic litter ranges from tiny microbeads present in cosmetics to chunks derived from recreational activities. The litter can damage ecosystems when fish and other organisms ingest the particles, and it can have economic consequences for fisheries and communities that rely on boating and beach recreations. Polyethylene and polypropylene particles tend to float because they are less dense than water but most other plastics sink and are not an obvious problem. Surveys of the Great Lakes show concentrations of plastic particles on the surface are at about the same order of magnitude as in oceanic gyres which contain up to three particles per 10 square yards on average.

“We should focus on prevention,” stressed Olga Lyandres, research manager for the Alliance for the Great Lakes, which collected some of the data used by the Ecohydrology group but was not directly involved in their study.

“We should look at our own, individual actions,” Lyandres said in a phone interview. “Litter is pretty difficult to remove once it gets into the water.”

The researchers based their cleanup cost estimate on what it has actually cost to do similar remediation at oceanic beachfronts. The estimate addresses floating litter — the distribution of plastic litter on lake bottoms is essentially unknown. Typically, more than 80 percent of human-generated litter on a beach is composed of plastics, the researchers point out.

Lyandres said so far most of the fight against water-borne litter has been done through local ordinances and broad-based measures such as plastic bag bans.

Canada and the United States share the Great Lakes, and their boundary runs through the lakes. The International Joint Commission is a bi-national organization established in 1909 to ensure water quality in the region. The cities and towns contiguous to the Great Lakes account for about a third of the economic activity between the two countries, according to calculations by investment banker BMO Capital Markets. Last year the region generated about \$5.8 trillion in economic output.

The Ecohydrology group is part of the University of Waterloo’s Department of Earth and Environmental Sciences. Their work was published online by the *Journal of Great Lakes Research* on Jan. 29.



CLASSIFIEDS

For Sale



IPS Model AT965HS100 Auto Tie Baler

One (1) IPS Model AT965HS100 Auto Tie Baler, 100 HP power unit, built in January 2001. The baler will need to be removed from the facility. Asking Price is \$65,000.00. More Pictures are available upon request. Contact NRRA if interested or if you would like more information. (info@nrra.net)

Gaylord Boxes – thru NRRA’s Cooperative Purchasing Program
Gaylords (Corrugated) available for pickup thru NRRA in Wolfeboro NH.
Please contact Marilyn, Mike or Bonnie at 1-800-223-0150.

Wanted

Town of Gilmanton needs 10 Wheeler

10 Wheeler w/hoist for roll-offs, does not need to be road worthy. Need to move containers on site.

Contact:

Board of Selectmen or Town Administrator, Gilmanton, New Hampshire 03237 (603)267-6700



NRRA CALENDAR

May

- **May 25th: Memorial Day-NRRA Offices Closed**

June

- **June 8th & 9th: 34th Annual NRRA Northeast Recycling Conference & Expo at the Radisson Hotel, Manchester, NH-NRRA OFFICE CLOSED**

July

- **Friday, July 3rd: NRRA Offices Closed for Independence Day Holiday**
- **July 8: M.O.M Meeting at NRRA Office 9:00 a.m.**