



The NRRA is a non-profit 501(c) organization that provides cooperative purchasing programs, educational and networking opportunities, technical assistance, and cooperative marketing programs.



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~Recycling Fact of the Month~

We're running out of space. We're generating more trash than we have at any point in history, but we're alarmingly running out of landfills at a rate of one a day. This is just ONE reason why recycling is so important!



FROM THE DIRECTOR'S CHAIR

"Recycling Still Rule\$-But the Rules are a Changin"

I am sharing two long articles this month. The first is a link to a recent NY Times article that continues to recount towns across the country that are giving up on recycling because it costs too much.

<https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.nytimes.com/2019/03/16/business/local-recycling-costs.amp.html&ved=2ahUKEwj6mN2cslvhAhUhmuaKHVEXACIQFjAAegQIBhAB&usg=AOvVaw3gShKdRXsGXCud25RqZrbK&cf=1>

I would point out that a big part of that problem is single stream processing costs and contamination, but the author also raises the possibility that it may be more profitable to landfill recyclables than recycle them.

For source separation facilities whose residents sort almost religiously, there has been a tightening of the specifications for what the domestic processors can accept. Once the new rules are understood and adopted then there is no issue with recycling.

The second article is co-authored by Pres. Watson and me and will appear in the May issue of the NHMA magazine as NRRA continues to rebut the idea that recycling is in trouble when source separation still provides good positive values for all, but mixed paper and we are sourcing better markets for that material.

Our view is that now more than ever before, "Recycling makes \$ and Cents!" Some processing facilities are struggling and will continue to pass their increased costs on to their customers without any end in sight.

In light of these cost increases and the looming shortage of MSW outlets in the Northeast, NRRA is advocating municipal investment in sorting and baling operations for recyclables at transfer stations to insure long term solutions to move market ready, non-contaminated materials. Not only are source separating towns continuing to receive positive revenues for their recyclables contrary to these national articles, they are now moving to recycle even more glass and look to increase composting to reduce the overall trash weight and increase cost avoidance. NRRA is working in 3 states to increase awareness of the value of composting through its YIMBY Grant from USDA and "yes in my backyard" will yield even more savings as trash costs continue to rise. Thanks to the work of NH the Beautiful over the last 3 decades helping town invest in equipment for recycling, on NRRA member town recently saved over \$60,000 between avoided tip fees and revenues for recyclables.

"Recycling Still Rule\$"for those who do it right.

"Recycling Still Rule\$!" But the "Rules they are a Changin" – Co-Authored by Mike Durfor – Executive Director of the Northeast Resource Recovery Association and by Duncan Watson, Assistant Public Works Director, City of Keene, NH & President of NRRA.

The theme for the 38th Annual NRRA conference on May 20 and 21, is "Recycling Still Rule\$", and for good reason. Regardless of the increasing number of communities that are facing drastic budget shortfalls and the number of articles that report on the demise of recycling, recycling is just fine – thank you very much – the real problem is trash!

In Pres. Watson’s analysis in the second half of this article you can gain an understanding of what China has done to the recycling markets over the last 5 years, why it had to do it, and why the impact is now beginning to hit home as more and more communities are faced with a choice of paying (average non contracted rates) \$140 per ton for single stream recycling compared to \$70 per ton for MSW (trash), or even less -\$35 per ton for recycling glass.

In addition to the “CRISIS” in recycling and towns taking their recyclables to landfills and burn plants, the Northeast is facing the “Titanic” of all Municipal Solid Waste icebergs. Like they say, **“We have seen this movie and it doesn’t end well.”**

Shown here is the projection from the State of Massachusetts on landfills closing in that state in the next 6-7 years. The shortage will grow this year by 800,000 tons and by 2025 Massachusetts alone will have a shortfall of MSW capacity over 2 Million tons!

Disposal Projections in Massachusetts (MSW) 0% per Year Disposal Reduction Scenario

Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Disposal Tons (baseline)	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000
Total Disposal Tons (No reduction)	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000	5,610,000
Average WTE Availability (Tons)*	3,190,000	3,227,000	3,227,000	3,227,000	3,227,000	3,227,000	3,227,000	3,227,000	3,227,000	3,227,000
Landfill Capacity (Tons)	1,330,000	1,487,845	1,602,970	842,245	842,245	621,000	621,000	621,000	621,000	201,000
Total Capacity (Tons)	4,520,000	4,714,845	4,829,970	4,069,245	4,069,245	3,848,000	3,848,000	3,848,000	3,848,000	3,428,000
Delta (Tons)	(1,090,000)	(895,155)	(780,030)	(1,540,755)	(1,540,755)	(1,762,000)	(1,762,000)	(1,762,000)	(1,762,000)	(2,182,000)
Estimated Total Ash Disposal (Tons)	638,000	645,400	645,400	645,400	645,400	645,400	645,400	645,400	645,400	645,400

Assumed 0% reduction in disposal

HDR assumes MADEP Expansions and that Bourne's current contract with SCAMASS to be extended and allows approximately 30,000 tons of MSW disposal

* HDR Calculated Average Combustion Rate 2010 - 2016

Source - MassDEP, SWAC, 2016 Solid Waste & Waste Reduction Data

Waste companies are currently exploring all options including baling trash and hauling it to Pennsylvania, Virginia, and even Ohio. The Northeast already has the highest tipping fees for trash in the country and they will only continue to escalate and have an even bigger impact on community budgets than recyclables. Putting recyclables in a landfill or burning them only guarantees a shorter lifespan for the landfill and higher tip fees sooner.

As you can see from this figure, even before China Sword we were throwing valuable materials away.

We are sending money to the landfill

Material	Recycling Rate	Value of Unrecovered Materials
Paper	61%	\$3.1 Billion
Aluminum Cans	65%	\$1.3 Billion
Plastic Bottles	31% HDPE, 30% PET	\$1.6 Billion
Steel Cans	65%	\$0.4 Billion
Glass Bottles	28%	\$0.1 Billion
Total		\$6.5 Billion

We need another moon landing as Pres. Watson describes below but we need to land right here on earth this time. While we are waiting, those NRRRA members that keep producing good clean material for market are getting paid good value, (in most cases higher value because they are not contaminated), for their recyclables. Mixed paper is the one piece of the stream that was hit the hardest by the China Sword and NRRRA has been searching for alternative uses and for a long-term domestic capacity solution just as it found for glass recycling. The rules for recycling may be changing but the value is still there if not contaminated. – Mike Durfor

Crisis Years in the Making – Duncan Watson

Trade journals and the mainstream media is awash with articles about the impact of China's National Sword policy that took the 2013 Green Fence policy, the proverbial shot across the bow, and in July of 2017 turned it into a crippling blow that has left recyclers scrambling.

Around 2 decades ago China began incorporating capitalism into its economy and the result was at first a trickle, then a torrent of demand for raw materials to fuel their double-digit economic growth rate. Imagine, if you will, what American society was like during the Wild West years- kind of a free for all with little law or regulation to keep things in check. China had its own Wild West at the beginning of its economic growth and well-established economies in developed countries seized on the opportunity to send discards to a place where there was an insatiable appetite for pretty much everything, and for pennies on the pound, waste brokers were making a killing as there was little in the way of specifications to risk a load being rejected. Soon upwards of 2,000 shipping containers filled with discards – paper, plastic, metal were leaving U.S. ports bound for China **each day.**

In 2013 Chinese officials realized their country was becoming a dumping ground with, in some cases, over 20% of a received load being off specification and therefore requiring alternate disposal other than recycling. This problem was further exacerbated by the lack of infrastructure to properly dispose of the non-recyclable material. The result was polluted waterways, open burning dumps, and an environmental disaster of the worst kind.

What is Happening in China?



China is facing a Severe Environmental Crisis

- 60% of groundwater unfit for human consumption ...

- 19% of arable land contaminated with heavy metals ...

- only 84 out of 338 prefecture-level or higher cities attained the national standard for air quality ...

- **Rising social pressure: pollution related social incidents leading cause of social instability**

Result of many factors, including:

- Decades of putting economic growth above the environment
- Lack of enforcement of existing environmental laws
- Lack of centralized control
- Staggering increase in urbanization
- 100 million new cars on the road in the last decade

When the Green Fence policy deployed in 2013, China began the deliberate process of gaining control over their sovereignty and put the world on notice that if demand called for a ton a mixed paper to feed a Chinese paper mill the expectation was a ton of paper, not 80% paper and 20% garbage. Initially a couple of container ships were turned back because of non-compliance of specifications. It was still mostly a free for all and China continued to have an unquenchable appetite for raw materials, so with a token effort at improving quality control, the world continued to send China its discards. While the Green Fence policy was in place it became clear that economic growth was more important than environmental protection and the beat went on.

In July of 2017, China announced a new policy would come into effect. National Sword, which took effect on January 1, 2018 took everyone by “surprise” because little to no heed was given to what impact a country that took approximately 55% of the worlds scrap paper would have if they suddenly put up a closed sign.

China's Scrap Ban

- July 18 WTO Notice
- “4 classes, 24 kinds of scrap”
- All plastics, unsorted mixed paper, textiles, some glass and metals

The screenshot shows a WTO notification document. At the top left is the WTO logo and 'WORLD TRADE ORGANIZATION'. To the right is the reference number 'G/TBT/N/CHN/1211' and the date '18 July 2017'. Below that is '(17-3880)' and 'Page: 1/2'. The document is from the 'Committee on Technical Barriers to Trade' and is in 'Original: English'. The main heading is 'NOTIFICATION' and it states 'The following notification is being circulated in accordance with Article 10.6'. A table lists the notifying member as 'CHINA' and the local government involved. Below the table is a headline: 'Chinese authorities seize 85,000 tons in 'Sword' raid'.



RECYCLINGPARTNERSHIP.ORG

While the national recycling rate in the U.S. is nothing to crow about, we are in a short-term crisis mode as the painful adjustment to the global commodities market continues to settle in. Yes, there will be some developing countries with lax environmental laws filling some of the void, but the simple fact is there is not the capacity to shift all of the available material to a new source. **Nor should we.** We should be responsible

for improved quality of the material processed by materials recovery facilities, and we should have greater capacity to utilize these raw materials domestically.

As this crisis continues to unfold, communities and recycling processors in the U.S. are forced to make some uncomfortable decisions. There is no practical way to stockpile all the material that would normally be shipped to China. As painful as it is to admit, there will be a need to burn or bury large amounts of material until the market responds to make recycling domestically more economical.

Because Keene operates a dual stream materials recovery facility it can produce a quality of material that continues to be both desirable and marketable. That may change as this crisis continues to grow. As difficult as this is making things I support China's crackdown. While I may believe the new specifications are literally impossible to meet, it is incumbent on recyclers to improve the quality of their product to the greatest extent possible as for years there was little to no accountability. This "CRISIS" is akin to the wakeup call provided by the MOBRO garbage barge from New York City that sailed the oceans for six months before being allowed to return and landfill the trash. The remarkable response to that episode created a culture of recycling in the U.S. that is laudable.

It's now time one again for our next moonshot and for us to take greater care of how we manage our recyclables. We might throw some things away in the near term which to a die-hard recycler such as myself is beyond painful, but I will keep my eye on the larger prize which is finally taking that quantum leap in treating our recyclables as the valuable commodities they deserve to be. ***As President Kennedy commented on the trip to the moon,***

"We choose to go to the moon in this decade and do the other things, not because they are easy, but because they are hard,"

We choose to recycle not because it is easy but because it is hard, it does cost money, and most importantly it is the right thing to do.



NRRA NEWS

The NRRA March 2019 Pricing Guide is Now Available!

The NRRA February March 2019 Pricing guide is now available! To access the newest NRRA Pricing guide [CLICK HERE](#).

IMPORTANT PRICING ALERT: Mixed Paper Pricing (loose, bales, picked-up or delivered) is currently at a **COST** to Members. There are a number of ways NRRA can help until the fiber market improves, please call us if you have any questions or concerns.

As a reminder, this is simply a guide. For true, up-to-date pricing, please contact your NRRA Member Services representative. This guide is password protected, if you need the password, please contact Stacey at smorrison@nrra.net.

Removing Headers from Plastic Bales

As you may already know, one of NRRRA's plastic vendors will no longer accept plastic bales with headers of any kind in them. This has proven to be challenging for many of our members as the headers typically keep the bales from falling apart. At a recent NRRRA Cheshire County Meeting, folks from the Swanzev Transfer Station demonstrated how they make their "Header-less" bales and we recorded it to share with all of you:

Try your luck at NRRRA's 2019 Annual Recycling Conference- CASINO NIGHT!



NRRRA is very pleased to announce an exciting new event at this year's 38th Annual NRRRA Conference.....Casino Night in the Ballroom!

Please be our guest on Monday, May 20th from 6 to 8:30 PM -as we welcome you to the NRRRA Casino (DoubleTree Ballroom) – **Each Casino Night guest will be provided with \$2,000 worth of "NRRRA" money to use and you can't lose!** There will be 5 grand prizes to the top chip winners at the end of the night but everyone will be winners after a few hours of risk-free fun. Texas Hold 'em? You bet. Black Jack- Why Not? Craps? Of Course! Roulette-Red or Black? And don't forget the slots! Let's see who can count the cards and roll with the odds! Cash Bar and hors d'oeuvres provided. Who says recycling isn't fun?

Don't bet on the House – Bet on Recycling! It is a sure bet.

(This event is free to all conference attendees & exhibitors and pre-registration is not required for the Casino Event)

Conference Registration is NOW OPEN!! Register Early for the Best Deals!



[On-Line Registration](#) is NOW OPEN! We are still lining up our workshops and putting together some exciting events so the "Registration Brochure" isn't yet available but we encourage you to sign up today to take advantage of our Early Bird Discounts! We've just announced our 2019 Keynote Speaker, Katherine Shayne.

Be sure to keep checking our [2019 Conference Page](#) and your email for updates! We are currently still accepting presentation proposals for speakers and workshops so if you have an idea for a workshop or you know someone who would be a great speaker for this year's conference, please let us know! This is YOUR conference, help us make it the best one yet!

Do you Know an Outstanding Recycler? Nominate them for an NRRRA Award!

NRRRA Is now accepting Nominations for the Following Awards to be presented at our 38th Annual Conference Awards Luncheon on Monday, May 20th. If you'd like to submit a nomination, [please Click Here to Download the Nomination Form](#).

Possible Award Categories are as Follows:

- Recycling Rookie of the Year (A new Transfer Station/Recycling Center Manager, Supervisor or Operator)
- Outstanding Recycling Facility
- Outstanding Recycling Brochure or Website
- Sami Izzo Outstanding Recycler of the Year

From Heather Herring's Desk... March 2019 FAQs



As most of you may know, Heather Herring joined the NRRRA Member Services Team in December. Since then she's been busy "learning the ropes", making site visits and moving recyclables to market for our Members. She has also been tasked with creating a new "Frequently Asked Questions (FAQ)" section which now appears on our website and which we will also feature in FOS on occasion. Here are some newer

Q & A's:

Dear Scrappigail-

When I call NRRRA with a full load of cardboard, they ask me all sorts of annoying questions like, "Does the load have any wet strength?" I am upset because they know that I store the cardboard inside under shelter and it isn't wet outside. Why do they keep asking about wet strength?

Signed, All washed up in Walpole

Dear Washed Up-

The recycling market has seen lots of changes lately, and paper mills are allowed to be more picky about what material they select to buy. Wet strength is a measure of how well the web of fibers holding the paper together can resist a force of rupture when the paper is wet. Beer boxes and soda cartons commonly use a coating of plastic film on the paper to improve wet strength. But these chemicals, including [urea-formaldehyde](#) (UF), [melamine-formaldehyde](#) (MF) and [polyamide-epichlorohydrin](#) (PAE) are not what paper mills want in with their pure cardboard. Most facilities are putting beer boxes and soda cartons in with their mixed paper, since pure cardboard and brown paper bags get the best price in the market today.

Dear Scrappigail-

My Mom has 5 cats and she dutifully cleans out the cat food cans and recycles them separately at her recycling station. The operator there said she doesn't have to separate them but put them in with the steel cans. Why shouldn't she put them in with the aluminum cans since they earn more revenue when they are recycled and they are aluminum? And hey, what about aluminum plates and aluminum foil?

Signed,

Related to Crazy Cat Lady in Concord

Dear Crazy Cat Lady Relation-

As crazy as it sounds, the town will get the best price for their aluminum cans if it is JUST aluminum cans (or UBC Used Beverage Cans) and not foil, plates, or cat food cans. Cat food cans are lined with a polycarbonate resin that makes them not as “pure” as a soda can for recycling. If your town recycling center separates out cat food cans and foil with plates, they will get a better price than steel but not as good as aluminum. If you town doesn’t separate these things, they can still be recycled with the steel cans. Of course all of these items are rinsed of food and do not have grease on them.

It’s NOT Too Late- The NRRA Compost Bin Sale is Still Open!

[Click Here to Download the 2019 Participation Packet](#)



Even if you didn’t send in a participation packet prior to the 3/1/19 deadline, we still welcome you to participate and submit orders for Compost Bins, Rain Barrels, Kitchen Pails and/or Compost Turners! We need as many orders (full pallets only) as possible to fill the truck!

Backyard Composting is becoming a very hot topic in the recycling and waste management forums. It’s even a primary project that NRRA will be exploring with our newest USDA Grant, YIMBY – Yes In My Back Yard. With landfills nearing capacities and the cost of hauling and disposing municipal waste (trash) skyrocketing, it’s time we really begin to consider some very important facts about Back Yard Composting.

Did you know...




- Composting your yard waste and kitchen scraps and removing them from your trash can save your town hundreds and, possibly, thousands, of dollars just by decreasing the weight that these materials adds to the trash by as much as half!
- Composting transforms waste into a valuable soil amendment, saves space in landfills, saves money on trash disposal, teaches students to be better environmental citizens, and actually helps slow climate change.
- Composting at home is inexpensive and easy
- Use of compost reduces the need for artificial fertilizers and pesticides
- Compost Bins and Piles DO NOT need to smell bad. If they do, then they simply need more oxygen and some aeration.
- Compost enriches soil, helping retain moisture and suppress plant disease and pests.
- A rain barrel can save about 1300 gallons of water during the peak summer months and can lower your water bill by about \$35/month

In recent years, we’ve received a lot of feedback regarding the timing of our sale which typically falls in mid February when people are still too buried under snow to even think about their gardens and yards. This year, we hope to increase sales/interest by extending our sale. We are now accepting [Participation Forms](#) for orders of full pallet/case orders of compost bins (20 per pallet), rain barrels (15 per pallet), kitchen pails (26

per case) and compost turners (35/case). Final Orders are not due until April and deliveries will take place in late May.

If you belong to a garden club, or know of someone who does, this is a great fundraising opportunity for not only you but your school club, your girl scout troop or other organization. Please contact us at info@nrra.net to be sure to get on our mailing list so that you can get up to date information about this sale and how to participate!

Join NRRRA for one of our FREE Workshop Days:



A Recycling Non-Profit
Working Together to Make Recycling Strong!

YIMBY!
Yes In My Backyard!

**FREE On-Site
Technical Assistance &
Regional Trainings**

**You're Invited to a FREE
Training Day in Your Area :**

- **4.09.19:** White Mountain Community College, Berlin, NH
- **4.10.19:** Public Safety Building, Lyndonville, VT
- **4.25.19:** Mason Library, Great Barrington, MA
- **4.26.19:** MA College of Liberal Arts, North Adams, MA
- **5.02.19:** Pease Public Library, Plymouth, NH
- **5.10.19:** Manchester Town Hall, Manchester, VT

For workshop descriptions and registration information contact : smcgrow@nrra.net or call 603-736-4401

To Learn more about these workshop days and how to register to attend, please [click Here](#)



SCHOOL NEWS YOU CAN USE

Register your School Today for the 10th Annual NRRRA School CLUB Conference!



**10th Annual
School Recycling
Conference**

Tuesday, May 22, 2019
Double Tree by Hilton
Manchester Downtown
700 Elm St., Manchester NH 03101
Call 800.223.0150 to register
or learn more at: www.NRRRA.net
Presented by Northeast Resource Recovery Assoc.
NH Recycling and NRRRA School CLUB

New Hampshire Schools are eligible for a 50% registration discount!!

Educational Workshops * Exhibitors * Prizes * Awards * Activities. Fun and educational for Teachers, Students and Administrators. A Great "End of the School Year" field trip!

[Click HERE](#) to register your school on line today!

For more information or to apply for the NHtB Registration Grant, contact Gwen Erley at theCLUB@nrra.net

Sharpen Your Pencils!

NH Schools – Put on your thinking caps! NH the Beautiful also added a new

\$500 School Recycling Innovation Grant in 2018. Start planning your essays now and maybe your school will receive a check at the next Conference!

Do You Have a Recycling Superstar?!





AWARDS: Do you have a recycling Superstar in your school. We are accepting nominations up until March 31. Each winner and their guest will receive free Conference Registration for the School Conference, including meals.

Choose one of our categories or use one of your own!

To submit your nomination, fill out one of our [Nomination Forms](#)!

CLUB NEWS

Lebanon Transfer Station Visit 3-1-19

Our intrepid Educators, Sarah McGraw and Julia La May paid a visit to the Lebanon, NH Transfer Station to meet TS Manager Marc Morgan and learn about the facility. Here's Sarah's report:

Julia and I received an excellent tour of the Lebanon TS and landfill on Friday. It was impressive what they do there and Marc is enthusiastic about educating residents and schools. As Julia mentioned he wants to help pay for a few students and teachers to the conference. Julia is rounding up support from the schools. We learned that the schools are having a hauler pick up their food waste and trucking it 45 minutes away to a farm when it could be accepted at the Lebanon Facility. What impressed me was that almost everything that is accepted at the facility is used to it's highest and best use. Mixed glass including porcelain for landfill aggregate, finished compost for topsoil, plastics are sent to a company to make furniture that is sold in Lebanon as a few examples.

New Hampshire Helps Lead the Charge on National Battery Day

New Hampshire Ranks Eighth on Call2Recycle's 2018 Top 10 Battery Recycling States

ATLANTA, GA, February 18, 2019 – [Call2Recycle®](#), the country's first and largest consumer battery recycling program, applauds the citizens of New Hampshire for leading the charge on [National Battery Day](#) and ranking as one of the nation's top 10 battery recycling states by collecting more than 37,000 pounds of batteries. Overall, U.S. consumers [recycled](#) 7.2 million pounds of batteries last year through the Call2Recycle program.

2018 Battery Collections Ranked by State

Based on weight of batteries collected as a function of state population

TOP 10					
1. VT	11. CO	21. AR	31. NY	41. MI	51. AK
2. DE	12. ME	22. OH	32. DC	42. SC	
3. GA	13. MA	23. VA	33. UT	43. MT	
4. MN	14. NJ	24. IA	34. RI	44. ND	
5. CA	15. IN	25. NC	35. OK	45. LA	
6. IL	16. FL	26. CT	36. MO	46. NE	
7. TN	17. MS	27. WY	37. KY	47. NM	
8. NH	18. OR	28. AZ	38. ID	48. WV	
9. PA	19. TX	29. WI	39. KS	49. AL	
10. WA	20. MD	30. NV	40. SD	50. HI	



“Since the inception of the Call2Recycle program, the citizens of New Hampshire have diverted more than 674,000 pounds of batteries from landfills and helped make the environment of New Hampshire cleaner and safer,” said Call2Recycle Executive Vice President of External Relations, Linda Gabor. “With consumers relying more and more on battery-powered devices, National Battery Day is the perfect reminder that batteries and other electronics are an important part of the recycling picture.”

“We are proud of the citizens of New Hampshire as well as the other northeastern states for their commitment to responsibly manage batteries once they no longer power their devices,” said Mike Durfor, executive director of the Northeast Resource Recovery Association based in Epsom, New Hampshire. “NRRRA, is working closely with Call2Recycle to continue to educate residents and towns on the importance of the battery recovery program. The safe handling of batteries is a major component of NRRRA’s outreach efforts both in towns and schools this coming year. Today on National Battery Day, we encourage everyone to spread the battery recycling message.”

Before recycling, consumers should [review tips](#) on how to safely prepare their batteries. It’s as easy as 1-2-3:

1. **Protect:** Batteries can be bagged or taped to provide protection. You can tape the positive terminal with non-conductive electrical, duct or clear packing tape **OR** individually place batteries in plastic bags (non-grocer).
2. **Store:** Keep batteries in a cool place, avoiding metal containers. Try to recycle within six months.
3. **Recycle:** Use the [Call2Recycle locator](#) to find a nearby drop-off location. 97 percent of New Hampshire residents live within 10 miles of a drop-off site.

Since 1994, the Call2Recycle program has diverted and recycled more than 115 million pounds of batteries from U.S. landfills.

About Call2Recycle, Inc.

Call2Recycle, Inc., is committed to protecting and preserving the environment through collecting and recycling consumer batteries and cellphones. Founded in 1994, the not-for-profit organization works on behalf of stakeholders to provide its consumer battery recycling program to consumers across the U.S. Visit call2recycle.org. Follow on Facebook, Twitter or LinkedIn.



NH THE BEAUTIFUL



2019 Litter Free NH (Blue Bags) Campaign! Order your FREE Bags today!



Is your City/Town, Class, or organization planning a “Green Up” or Road Side Clean Up event in your community? If not, It’s never too late to plan one and NH the Beautiful makes it easy by offering road side clean up litter bags (up to 10 cases per municipality!) for FREE!

NH the Beautiful is once again providing blue bags for litter clean up. Bags are available to communities in NH. Nonprofit and other community groups are asked to coordinate your efforts with your town, and the town must submit the order forms.

All orders should be submitted to NRRRA via fax or email (see info below). Bags will still be picked up at the NRRRA office at 2101 Dover Road in Epsom.

If you are interested in ordering blue bags, please fill out an order form and mail, email or fax it directly to NRRRA. A participation packet can be found [HERE](#).

Once your order form is received, NRRRA will confirm receipt and let you know when the bags will be available for pick up. If you have questions about the program, you may call NRRRA at 603-736-4401 x. 10.

Email completed forms to info@nrra.net or Fax to 603-736-4402.

NH The Beautiful now offers 18 Gallon Curb Side Recycling Bins as well as ClearStream Containers (and replacement bags).

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



[Click HERE for Curb side Recycling Bin Info](#)-please note bin pricing has increased ONLY MINIMALLY (\$0.20) due to the increase in the size of the bins



[Click HERE for ClearStream Recyclers & Bag Info](#)

Grants Program for NH Municipalities

Do you need equipment for your facility? A Floor Scale? Storage Containers?

All New Hampshire municipalities are eligible to apply for grants toward the purchase price of recycling equipment. For more information or to apply for a grant, go to http://www.nhthebeautiful.org/wp-content/uploads/2014/03/equipment_grant_app_710.pdf, print & fill out the 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. **The next NHtB Board Meeting will be held on Thursday, February 21st. If you wish to apply for an NHtB Equipment Grant, please send in your application no later than February 18th.**

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.20. To maximize your points, you can also order “recycled” signs or overlays for existing signs!

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 NRRRA for details.

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



NHDES Annual Facility Reports

Notice to Solid Waste Facility Owners – 2018 Annual Facility Report Forms

Forms for filing your 2018 Annual *Solid Waste* Facility Report are available at <https://www.des.nh.gov/organization/divisions/waste/swmb/css/categories/forms.htm#annual>. **ALL REPORTS ARE DUE BY MARCH 31.** Please make sure you choose the correct form for your *type of facility*. If you have questions, please contact the Solid Waste Management Bureau at (603) 271-2925 or solidwasteinfo@des.nh.gov

ReFuel Your Fun – Small Propane Tanks: NAHMMA Webinar (March 21st at 2PM)

Single-use 1 lb. propane cylinders are wasteful and expensive, costing parks and governments hundreds of thousands of dollars each year to properly manage. Learn how to implement the [ReFuel Your Fun & Save Campaign](#) in your jurisdiction to expand the use of reusable 1 lb. propane cylinders, promote them to the public, and establish collection infrastructure for all cylinders, to save money, hassle, and the environment. Click [HERE](#) to register.

Did you know that NH has a law restricting vehicular idling?

New Hampshire regulations (Env-A 1100) help to minimize the health and environmental impacts of idling by establishing a limit on the amount of time that engines are permitted to idle. The limit established in the regulations is based on outside temperature, as shown in this table. Exemptions to these rules are vehicles in traffic, emergency vehicles, vehicles providing power take-off (PTO) for refrigeration or lift gate pumps, and vehicles supplying heat or air conditioning for passenger comfort during transportation.

NHDES can also provide your facility with anti-idling signs for free. If you would like more information on Anti-Idling in NH or where you can get signs, please contact Timothy White of the Air Resources Division at (603)271-5552 or Timothy.White@des.nh.gov.

CPD Workshops

Workshop Title	Date (Time)	Location	Seats Available (as of 3/18/2019)
Basic Training Refresher	Apr 16 (9:30-2:30)	Keene	15
Asbestos and Fugitive Dust	April 18 (5:30-8:30)	Shelburne	2
Rethinking Recycling	May 2 (9:00-Noon)	Concord	20
Basic Training – for NEW SW Operators	May 3	Concord	21
Facility Managers, Part III	May 23 (9:00-Noon)	Concord	30
Landfills	May 23 (1:00-4:00)	Concord	24
Things that Go Bang! (Updated in 2018)	Jun 5 (9:00-Noon)	Concord	90
Basic Training Refresher	August 14 (TBD)	Portsmouth	34
Basic Training Refresher	September 24 (TBD)	Lincoln	30
Mock Inspection	October (10:00-?)	TBD	26
Basic Training Refresher	October 4 (TBD)	Concord	35
Extreme Weather Events: The Aftermath	Nov 5 (9:00-Noon)	Concord	30
Landfills in the Hierarchy	TBD	Southeast NH	34



NATIONAL NEWS

Some facilities stop accepting compostable packaging as contamination debate persists

Cole Rosengren, WasteDive

The 2019 US Composting Council Conference featured the latest in a long-running dialogue about how composters handle the material at their sites — and whether it’s unfairly blamed for quality issues.

fter a decade of trying, one of Oregon’s leading compost facilities is calling it quits on compostable packaging — and until more clarity comes to the market, it might not be the last.

Jack Hoeck, vice president of Rexus, shared the news at this year’s U.S. Composting Council Conference in Phoenix. Initially, he said, Rexus had expected compostable packaging would help capture more food scraps, and that any resulting contamination could be managed effectively.

“As we’ve gone through, my experience has been that’s really not true. We have not been able to keep the contamination at a level that I think I would want for my product,” Hoeck said during a presentation on the subject. “At the end of the day, my real job is to produce a product that people will want.”

[Full Article Here](#)

Creative Spins on Glass Recycling (Part One)

Arlene Karidis, Waste 360

A three-part series this week focuses on how some local governments and the waste industry are partnering to capture and reuse glass. Part one takes a look at some companies that are utilizing sophisticated glass cleaning equipment and why some cities are exploring collection options like dual stream and drop-off locations. [Read part two here.](#) [Read part three here.](#)

Glass recycling can be complicated and a tremendous investment. So a number of communities, even in the past couple of months, decided to [end their glass collection programs](#) or at least consider alternatives that would cost less time and money. But some local governments, materials recovery facilities (MRFs) and processors are putting all they've got into capturing and recycling more of this material.

For MRFs, in particular, [contamination is a problem](#). Dealing with it means spending hundreds of millions of dollars on sophisticated glass cleaning equipment and education. Logistics come with heavy overlay, too.

Speaking on contamination, Laura Hennemann, vice president of marketing and communications at Strategic Materials, says, "Residents and businesses will throw a lot of unrecyclable materials in the bin, causing issues with sorting and equipment maintenance, which can drive down value of all recyclables. Due to this, MRFs have a hard time investing capital to make improvements."

Balcones Recycling spent about \$400,000 for a [glass cleanup system](#) at its Austin, Texas, MRF—one of its three sites—even though the company knew little about glass recycling at the time. It made the decision in order to secure a contract with the city of Austin, which required this service.

A nationwide search for the most robust glass cleaning technology it could find led Balcones to Bulk Handling Systems. The supplier replicated a system for Balcones that it had installed in the South Bay San Francisco area.

"We've never had issues with cross contamination or a claim from a mill, which was our biggest concern when we got in the business. It hasn't been an issue because we take glass out on the front end and have a way to clean it up," says Kerry Getter, CEO of Balcones Recycling.

Glass is removed at the first screen following presort; it goes through a glass breaker system, onto a shaker screen for sizing and then moves to an aspirator where it's further cleaned with air.

As far as payback, Getter says, "We don't calculate revenue from individual streams, but we are making money in our MRF, and we are processing glass."

[Read Full Article Here](#)



CLASSIFIEDS

If your town/municipality has equipment that you'd like to sell or a job posting you'd like us to include in our publication, please email your posting to Stacey Morrison at info@nrra.net

The Northeast Resource Recovery Association is [Searching for an Executive Director](#)

Due to retirement the NRRRA is searching for its next Director. NRRRA is the oldest, and first in the nation, recycling and resource recovery association. For nearly 40 years NRRRA has provided cooperative marketing programs, educational and networking opportunities, technical assistance, and cooperative purchasing programs for its membership. The Association has received national recognition for establishing an innovative grassroots recyclables marketing cooperative with competitive pricing. The new Director will be managing one of the healthiest and most active regional recycling organizations in the country. In this hands-on position, the Director will be expected to manage an active Staff, Board, and Membership while keeping the two-fold mission of the NRRRA, education/outreach and cooperative marketing of materials, in the forefront. The ideal candidate should be comfortable with public speaking, have a strong accounting and management background, be able to forge good working relationships with a wide variety of personality types, have flexible travel availability, and excellent communication skills.

NRRRA is looking for the Executive Director to:

- Provide overall management, planning, and leadership for the organization while adapting to a rapidly evolving recycling industry. Report directly to the Board of Directors and work with the Board and the committees to establish policies and programs, and to administer such programs. Interpret the organization's purpose and programs to members, outside organizations, and the public. Develop and administer standards and procedures related to Human Resources (including staff development), budget, and physical facilities. Prepare, distribute, and maintain a variety of reports, and direct and /or coordinate fundraising.
- Oversee all Financial, Human Resource, Membership, Vendor, and Board functions and manage all staff (currently 8 FT) and outside contractors (currently 3FT). Analyze and interpret trends requiring management's attention. Prepare Executive summaries for all issues requiring a Board decision. Organize and participate in the Monthly Operations and Marketing meetings. Oversee the organizing and producing of the Annual Conference. Other duties as assigned by the Board.
- Qualifications: A Master's Degree in Business or the Environmental Science field is preferred, plus 5 or more years of related management experience. Strong working knowledge of the solid waste and resource recovery industry and strong organizational skills; NRRRA is seeking a compassionate individual committed to people and the environment. Excellent communication skills and the ability to multitask in a high paced atmosphere is critical.

Salary negotiable based on qualifications with an outstanding benefit package; desirable working environment. Please submit your resume and cover letter of interest electronically by 4:30 p.m., April 5, 2019 to: mdurfor@nrra.net

For FREE



For Free: Used Foremost Plastics Granulator

Location: Meredith NH Solid Waste Facility/Must pick up at this location

Call: Barry Weeks @ 603-279-8480 for more info.

Free to a Good Home

Plastic Barrels available (must pick up) in Lancaster, NH. First Come, First served.



More NH Municipal Job Postings...

Can be found at: <https://www.nhmunicipal.org/Resources/ClassifiedAds>



NRRA CALENDAR

March 2019

- March 20, 2019 – First Day of Spring (hopefully!)
- March 31, 2019 – ALL NHDES Facility Reports must be filed

April 2019

- April 9, 2019, 8 am to 3 pm – YIMBY! Operator Workshop Training Day @ White Mountain Community College, Berlin, NH
- April 10, 2019, 9 am – NRRA MOM Meeting @ NRRA Offices
- April 10, 2019, 8 am to 3 pm – YIMBY! Operator Workshop Training Day @ Lyndonville Public Safety Building, Lyndonville, VT
- April 15, 2019 – LAST DAY FOR Special Value Package and Early Bird Conference Pricing!
- April 25, 2019, 9 am – 4 pm – YIMBY! Operator Workshop Training Day @ Mason Library, Great Barrington, Ma
- April 26, 2019, 8 am – 3 pm – YIMBY! Operator Workshop Training Day @ MA College of Liberal Arts, North Adams, MA

May 2019

- May 2, 2019, 8 am – 3 pm – YIMBY! Operator Workshop Training Day @ Pease Public Library, Plymouth, NH
- NO M.O.M Meeting This Month
- May 10, 2019, 8 am – 3 pm – YIMBY! Workshop Training Day @ Manchester Town Hall, Manchester, VT
- May 20 & 21, 2019 – NRRA ANNUAL CONFERENCE & EXPO, DOUBLETREE BY HILTON, MANCHESTER, NH – NRRA OFFICES WILL BE CLOSED