



PLASTICS



A NRRA Cooperative Recycling Program

Plastics account for approximately 7% by volume of the municipal solid waste stream. Plastic is an easily recycled material that is used to produce a number of “recycled” products.

PROGRAM DETAILS

- ♻️ Contact NRRA at (603) 736-4401 for more information about the Plastics recycling program
- ♻️ Decide how the Plastics will be collected and stored (i.e., bags, “gaylords”, bunkers) prior to processing. (Due to contamination, many recycling facilities use a “two-stage” sorting system. Plastics are placed on a sorting table or shelf for attendants to inspect for contaminants and then are placed in the appropriate storage bin, baled and marketed.)



Vertical Baler



Horizontal Baler



Plastic Granulator

- ♻️ Contact NRRA to coordinate pick-up or delivery of your Plastics

What happens to Plastics recycled through NRRA?

Plastic is used to produce a number of “recycled” products, including fleece jackets, carpeting, strapping, toys, new bottles and containers!

Your Non-Profit Recycling Cooperative:

Partnering to make recycling strong through economic and environmentally sound solutions

Northeast Resource Recovery Association, 2101 Dover Rd, Epsom, NH 03234

Telephone: (603) 736-4401 Fax: (603) 736-4402 E-mail: info@nrna.net Web Site: www.nrra.net

Updated 01/09

PLASTIC TYPE	ACCEPTABLE ITEMS	UNACCEPTABLE ITEMS	GUIDELINES
#1PETE (Polyethylene terephthalate)	ONLY translucent (able to see through), clear, green and blue colored, rigid PETE containers marked with a #1, such as beverages, household cleaning products, or personal care products	- Solid colored, rigid PETE containers PETE film or bags - Food trays - Automotive product containers - Animal care product containers - Lawn & garden product containers	#1 PETE containers will have a "button-like dot" on the bottom of the container from the manufacturing process Do not granulate
#2 HDPE - Natural High Density Polyethylene	ONLY translucent dairy and water containers marked with a #2 HDPE containers acceptable for recycling have a <u>base larger than the neck</u>	- Any colored HDPE container (i.e., laundry detergent bottles)	#2 HDPE containers will have a seam on the side or bottom of the container from the manufacturing process
#2 HDPE - Mixed Colors High Density Polyethylene	Colored, including white milk bottles (i.e., "Light Block™" milk bottles), HDPE bottles typically used for household detergents and personal care products	- Oil containers - Pool chemical containers - Hazardous product containers	See #2 HDPE Guidelines above
"Z" Bales Combine #2 HDPE Natural & Mixed Colors	HDPE - Natural and mixed color plastic containers "Z" Bales are lower in value due to being mixed. Value typically based on #2 HDPE mixed color pricing.	- Oil containers - Pool chemical containers - Hazardous product containers	See #2 HDPE Guidelines above Do not granulate
#1-#7 (Contact NRRA for current market availability)	PETE, PVC, LDPE, PP/PS/#7 Plastic Containers	- No rigid plastics, such as toys, lawn furniture, etc.	Containers only Do not granulate
Rigid Plastics (Contact NRRA for current market availability)	Toys, lawn furniture, children's pools, buckets, etc.	- Metal - Wood - Material other than plastic	Can be baled Do not granulate

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Average Weights	PET	HDPE - Natural	HDPE - Mixed Colors	"Z"
Vertical Baler	500 lbs	700 lbs	700 lbs	700 lbs
Horizontal Baler	800 lbs	1,000 lbs	1,000 lbs	1,000 lbs
Granulator	N/A	700 lbs	700 lbs	N/A

FOUR OPTIONS AVAILABLE FOR PLASTICS PICKED UP AT MEMBER FACILITIES

- ♻️ full, straight trailer loads of one type of plastic material (i.e., full trailer load of baled PETE - 40 - 45 bales)
- ♻️ full, mixed trailer loads of baled material (i.e., combination of baled PETE and HDPE - 40 - 45 bales)
- ♻️ ½ load of one type of baled plastic material (i.e., ½ load of baled PETE- 20-22 bales)
- ♻️ ½ mixed load of baled material (i.e., ½ load of baled PETE and HDPE - 20 -22 bales)

Depending on the plastic material type and the remanufacturing mill where it is being sent, the minimum weight requirement per trailer load ranges from 30,000 - 35,000 lbs. If shipping a ½ load, the total weight of both pick-up stops must meet the minimum weight requirements. If the minimum weight requirements are not met, a surcharge will be assessed.

TRICK OF THE TRADE

Several recycling facilities have purchased an additional vertical baler to dedicate solely for plastic recycling. By having a dedicated baler, collected plastic material can be placed directly in the baler. This eliminates the need for storage space required to complete a bale - essentially eliminates "cycle time" and increases bale weights because the "ram" can be left in the down position.



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