



408 East Montpelier Rd | Montpelier, VT 05602
office. 224-0111 fax. (802) 223-7224

Price Quote: Town of Carroll, NH ZeroSort Recycling Compactor

1 – 40 yard compactor for Recycle

Haul fee @ \$220.00 / pull

Recycling Tonnage Fee @ \$53.00 / ton

Rental Fee @ \$325.00 / month

Based on the fact that the town of Carroll collected approximately 133 tons of recycling last year:

- We estimate that the compactor when full will weigh approximately 4.5 tons per box
- 133 tons per year would mean 29 compactor pulls per year or 2.5 pull per month
- 2.5 pulls per month x 220.00 per haul= \$550.00 per month
- Approx 11 tons per month x 53.00 per ton= \$596.00 per month
- 80 hrs per week labor saved x \$15.00 per hour x 4.33 weeks per month= \$5196.00 savings to town per month (\$62,352.00 per year)- time/cost spent processing recyclables.

Added Value

We will supply brochures to educate on Zero-Sort Recycling

We will supply posters to educate on Zero-Sort Recycling

Casella will provide a 30yd open top rolloff container for metal free of charge

- Casella will rebate \$30.00 per ton based on the market rate for the metal at that time
- Based on 104 tons of metal collected x \$30.00 per ton= \$3120.00 per year to the town.
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With Rental agreement all maintenance would be included. Should anything happen to the machine we will be there to maintain and fix if needed.

Fully Insured

Should you have any questions please feel free to call either Gary Lavine at 802-793-6497 or myself at 802-224-0111.

Sincerely,

Michael Wark



"Partnering to make recycling strong through economic and environmentally sound solutions"

Northeast Resource Recovery Association, 2101 Dover Road, Epsom, NH 03234
Telephone: (603) 736-4401 or 1-800-223-0150 Fax: (603) 736-4402
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Maryclare Quigley
Administrative Asst.
Town of Carroll
School Street
Carroll, NH. 03595

May 1, 2014

Ms. Quigley:

I am looking forward to meeting with you and your Board on Monday evening at 7PM and appreciate the opportunity to start the evening off.

As requested, Marilyn Weir and I have reviewed both the recycling numbers for the existing operation and estimated what those same materials would generate in a Single Stream system using some of the proposal numbers as a reference. NRRA has completed numerous of these reviews for other towns previously considering the facility that did not get built in Concord.

Very simply, the spread sheet outlines the following scenarios:

- A. 2013 actuals for 153 tons and the associated revenues.
- B. 2014 estimate based on our projections using current pricing and some plastics, aluminum, and steel cans which did not ship in 2013. Total of 178 tons estimated.
- C. 2013 estimated costs @ \$30 tip and \$40 per ton haul, if Single Stream had been used for the same 153 tons that year.
- D. 2014 estimated costs @ \$35 tip and \$40 per ton haul, adjusting the tip up modestly for 2014 for Single Stream and including the same projected 178 tons of material.
- E. 2014 Based on the proposal submitted @ \$53 per ton tip and @ \$77.29 per ton haul for Single Stream at the 133 ton figure.
- F. 2014 Based on the proposal submitted @ \$53 per ton tip and @ \$77.29 per ton haul for Single Stream at the 178 ton projection.

There are many factors to consider when making decisions based on complex variables. To the extent possible NRRA has always tried to recommend the most cost efficient, economical, and environmentally beneficial programs that communities can support. All other factors being equal, the recycling efforts to date are to be commended and encouraged to continue if at all possible. Given the fact that each ton of recyclables is revenue positive, I would encourage more recycling, not less, and use that additional revenue received to offset other operations that are strictly costs.

In that scrap metal was also addressed in the other proposal, NRRA is confident that it can provide a quote for the same service at more favorable terms to the town, and would appreciate the opportunity to do so. I look forward to meeting with the Board, and should you have any questions beforehand please do not hesitate to contact me.

Respectfully Submitted:

Michael Durfor
Executive Director

Town of Carroll / Twin Mountain	A	B	C	D	E	F
NRRA Member Community - Current Recycling Program/Single Stream Analysis for Recyclables - May 2014						
Tonnages	Source Separated Program 2013	Est. Source Separated Program 2014	Est. Single Stream Program 2013	Est. Single Stream Program 2014	Single Stream Proposal 2014	Single Stream Proposal 2014
	(Current Pricing)	Revenue	Estimate (\$30.00) pt charge	Estimate (\$35.00) pt charge	2014 (\$53.00) pt charge	2014 (\$53.00) pt charge
2013 Commodities:	#Tons	153 tons	178 tons	153 tons	178 tons	133 tons
Fibers-Mixed Paper (baled)	22.00	\$758	\$1,100	(\$660)	(\$770)	(\$1,166)
Fibers OCC (baled)	65.00	\$6,797	\$7,475	(\$1,950)	(\$2,275)	(\$3,445)
Fibers # 8 News (baled)	23.00	\$1,526	\$1,150	(\$690)	(\$805)	(\$1,219)
Plastic - Pete (none shipped in 2013)	0.00	\$0	\$1,275	\$0	(\$123)	(\$199)
Plastic # 2 - Natural (none shipped in 2013)	0.00	\$0	\$6,970	\$0	(\$298)	(\$451)
Plastic #2 - Color (none shipped in 2013)	0.00	\$0	\$5,400	\$0	(\$315)	(\$1,007)
Aluminum Cans (baled)	0.00	\$0	\$3,350	\$0	(\$88)	(\$133)
Steel Cans (baled)	0.00	\$0	\$700	\$0	(\$140)	(\$212)
Glass	43.00	(\$990)	(\$990)	(\$1,290)	(\$1,505)	(\$2,279)
Total Tons	153.00					
Total Revenue/Cost		\$8,091	\$26,430	(\$4,590)	(\$6,318)	(\$7,049)
Trans. Costs/ Actual/ Est \$40 ton / \$77 per ton		(\$900)	(\$900)	(\$6,120)	(\$7,120)	(\$10,110)
Net Revenue/ Cost		\$7,191	\$25,530	(\$10,710)	(\$13,438)	(\$23,867)
Net Revenue / Cost Per Ton		\$47.00	\$143.43	(\$70.00)	(\$75.49)	(\$134.09)
**Estimated shipments for 2014						
*** Estimated 2013 & 2014 Haul charges (glass)						