

Materials Recovery Facility FY 09

MATERIALS	TONS/YEAR	AVG \$/TON	% BY WEIGHT	END USE	DESTINATION	COMPANY
Corrugated Cardboard & Boxboard	13,501	\$68.65	31.93%	new cardboard, toilet paper & paper towel cores, egg cartons	Quebec, New York	Kruger, Solvay
#8 Newsprint	18,570	\$81.90	43.92%	newspaper	Quebec, Maine	Kruger, Katahdan
White Ledger	69	\$147.79	0.16%	writing & copy paper, tissue	Montreal, Quebec	Kruger, Cascade
RECYCLABLE PAPER	32,139	\$99.45	76.0%			
#1 PETE Plastic Bottles	620	\$248.47	1.5%	carpet, bottles, fleece clothing	Georgia, Quebec	Mohawk, Plastrak
#2 HDPE Plastic Bottles - Natural	410	\$490.45	1.0%	plastic bottles, house vapor barrier wrap	North Carolina, Quebec	Envision Plastics, KW Plastics
#2 HDPE Plastic Bottles - Colored	385	\$335.13	0.9%	plastic lumber, bottles, playground equipment	North Carolina, Quebec	Envision Plastics, KW Plastics
#3-7 Mixed Plastics	287	\$8.39	0.7%	plastic lumber, possibly new containers	China	Generated Materials Recovery (GMR), Recycle Nation
Ferrous Metal Cans	960	\$83.30	2.3%	rebar and other steel products	Ontario	Triple M Metal
Aluminum	48	\$1,236.84	0.1%	aluminum cans	New York	Novelis
Glass - Aggregate	7,435	\$0.00	17.6%	road & construction projects	Vermont	n/a
RECYCLABLE CONTAINERS	10,144	\$400.43	24.0%			
RESIDUE					Coventry & Moretown landfills	n/a
TOTAL (w/ the Residue)	45,412					
TOTAL (w/out the Residue)	42,283		100.0%			

DID YOU KNOW?



Recycling aluminum cans uses 95% less energy than making cans from virgin material

It takes 25 plastic bottles to make a fleece jacket



Recycling one aluminum can saves enough energy to run a TV for three hours

Each ton (2000 pounds) of recycled paper can save 17 trees, 380 gallons of oil, three cubic yards of landfill space, 4000 kilowatts of energy, and 7000 gallons of water. This represents a 64% energy savings, a 58% water savings, and 60 pounds less of air pollution.



There are approximately 38,000 aluminum cans in one bale



A bale of aluminum cans weighs about 1,200 lbs. A bale of cardboard: 1,200 lbs; newspaper: 1,400 lbs; boxboard: 1,300 lbs; plastic: 1,100-1,200 lbs; office paper: 1,200 lbs; and steel: 1,600-1,700 lbs

The baler at the MRF uses a ram force of 424,500 lbs or 212 tons to make a bale

Materials Recovery Facility FY 10

Latest MRF Data

Average sales price for December 2009 was \$89.43/ton.

Fiber commodity prices have been fairly stable through January 2010; #8 news at \$85/ton, OCC (cardboard) rose to \$105/ton.

Aluminum load sold in September 2009 for \$1,220/ton.

Our in-bound tonnage in December was 4,200.35 – A New Monthly Record!

We averaged 186.7 tons per day in December and 6.33% over last year in December.

We are running 4.66% higher than FY09 for total tonnage.

For the year to-date, the materials received by the MRF have been split 50.7% out-of-district, 49.3% in-district.

This continues the trend of the last two years

The "tipping fee" at the MRF for out-of-district loads is currently \$12 per ton.

In-district (Chittenden County) fee is \$7 per ton.

By comparison, the fee for trash is more than \$100/ton!

To view, download or print this document, go to
http://www.cswd.net/facilities/material_recovery.shtml and click on "MRF Fact Sheet."

For More Information, Please Visit the CSWD Website at

www.cswd.net