

## Materials Recycling Facility Information 2009

\* This is a county-owned facility. A private company operates the plant and markets the materials.

\* The plant began operating in 1991 and was expanded in 1996 from 18,880 sq. ft. to 29,312 sq. ft., increasing the processing capacity from 80 to 140 tons per day.

\* There are two sort lines: one for paper and one for containers. The private company has about 20 people working on the plant floor and 2 in the office. Employees on the sorting lines wear safety glasses, earplugs, special gloves and sleeves.

\* In 2009, the plant processed **21,096** tons of recyclables, from **87,613** households in 25 participating communities.

\* Daily tonnage varies - the average is @ 85-90 tons per day. That is about 32-34 truckloads.

- In 2009, 43,517 cubic yards of landfill space was saved because of recycling. That is equivalent to a football field filled over 30 feet high!
- One year of recyclables shipped to market would fill over 1,000 semi loads (20 tons per load). If lined up bumper to bumper, the trucks would measure about 12 miles! That is from our MRF to downtown Delafield!

### 2009 Processing Information and Environmental Impact

Material	Where Shipped To	Avg. Bale lbs.	Avg. Bales/ day (% Total Material )	Total Tons	Avg. # Shipments /wk	Energy Savings (1)	Reduced GHG's (2)	Cubic Yards Landfill Space Saved
Paper*	Wisconsin Canada Michigan Tennessee	1200 - 1500	75 (70%)	13,187	11	2,116	3,174	32,282
PET plastic	Georgia	1100	6 (4%)	975	1	501	752	8,513
HDPE plastic	Michigan	1200	4(3%)	698	1	346	519	N/A – Plastic combined
Steel/Tin	Milwaukee	1240	3(2%)	560	1	111	166	2,517
Aluminum	St. Louis, MO	740	1(1%)	295	1 1/2 per month	588	882	1,372
Glass	Wisconsin Illinois	N/A	N/A(20%)	5,183	N/A	132	198	6,911
<b>TOTAL</b>			<b>89</b>	<b>20,898</b>		<b>3,794 Households</b>	<b>5,691</b>	<b>51,595 yards<sup>3</sup></b>

\*Includes newspaper, phone books, magazines, corrugated cardboard, household mail/paper, boxboard (cereal boxes, beverage carriers).

(1) Equals energy use for number of households per year.

(2) Equals greenhouse gas emission reduction in passenger car equivalents (# of cars off the road per year).