Appendix 13

St. Louis (south) Transfer Station

APPENDIX 13 – ST. LOUIS (SOUTH) TRANSFER STATION

There are three transfer stations in the city of St. Louis. The southernmost location was the one sampled. It is located near the I-44 and I-55 intersection in St. Louis County which is part of Solid Waste Management District L. The city owns this facility and leases it to Waste Management for operation.

Demographics:

	St. Louis	St. Louis County
Population	348,189	1,016,315
Number of Households	147,286	404,607
Average Household Size	2.29	2.47
Median Household Income	$27,156	$50,532

Solid Waste Collection

Various city of St. Louis and Waste Management collection vehicles bring waste to the transfer station from residential and commercial waste streams in the southern region of the city.

Solid Waste Disposal

The St. Louis (south) Transfer Station processes 500 to 600 tons per day, over 100 tons of which come from St. Louis city residents. City of St. Louis residents can bring one load per month free of charge to the facility. Otherwise, the facility is not open to accept waste from other collectors. The waste is bulked and hauled to two Waste Management landfills in Illinois.

Waste Reduction, Recycling, and Recovery Programs

A residential drop-off recycling facility is located adjacent to the Transfer Station, which is one of twenty-seven located in the city. Curbside recycling is available to several zip codes within the service area.

St. Louis (south) Transfer Station Sort Results

Sampling information and composition results are listed in Tables 13.1 through 13.6 and exhibited in Charts 13.1 through 13.4. Only one electronic item was found in the fall sort. No other extraordinary items were noted. Compared to the 1996-1997 WCS, there was 2.2% less Glass and 3.3% more Plastic in the St. Louis waste stream. Though the overall Paper category only changed by .3% (less), the Newsprint subcategory itself was 6.8% less than in 1996-1997.

When compared to the 2006-2007 overall average, St. Louis has 2.7% more Paper and 1.6% fewer Plastics by weight. Comparing categories and subcategories to the other sites sampled in 2006-2007, St. Louis had the highest percentage by weight in Magazines(4.51), Total Paper(36.29) and Green Glass(1.1) as well as having the highest percentage by volume of Newsprint(4.03). St. Louis had the lowest percentage by weight of Clear Glass(2.04), Other Plastic(6.92) and Total Special Waste(.98) while having the lowest percentage by volume of Clear Glass(.93), Electronic Waste(.19) and Total Spec ial Waste(.56).

Table 13.1 - Sample Summary - Saint Louis (South) Transfer Station

Fall 2006	Sample Size		Composition		Collection
Sample #	Weight(lbs)	Volume(cy)	Res.	Comm.	Location
1	164	1.3	100%	0%	St. Louis
2	157	1.8	100%	0%	St. Louis
3	150	1.4	100%	0%	St. Louis
4	175	1.5	100%	0%	St. Louis
5	206	1.6	100%	0%	St. Louis
6	165	1.6	100%	0%	St. Louis
7	262	2.1	100%	0%	St. Louis
8	219	1.9	100%	0%	St. Louis
Total Fall	**1498**	**13.2**			
Average	**187**	**1.6**	**100%**	**0%**	
Spring 2007	**Sample Size**		**Composition**		**Collection**
Sample #	**Weight(lbs)**	**Volume(cy)**	**Res.**	**Comm.**	**Location**
1	214	1.8	90%	10%	St. Louis
2	186	1.2	90%	10%	St. Louis
3	215	1.9	90%	10%	St. Louis
4	216	1.7	90%	10%	St. Louis
5	221	1.6	90%	10%	St. Louis
6	209	1.9	90%	10%	St. Louis
7	253	2.0	90%	10%	St. Louis
8	267	1.9	90%	10%	St. Louis
Total Spring	**1781**	**13.8**			
Average	**223**	**1.7**	**90%**	**10%**	
Site Total	**3279**	**27.0**			
Average	**205**	**1.7**	**95%**	**5%**	
Estimated Waste (lbs.) Accepted at Site During Sample Periods					**3,300,000**

Table 13.2 - St. Louis (South) Transfer Station Fall 2006 Sort Results

	WT.(lbs.)	Avg.Wt.Per Load	% by Wt.	VOL.(c.y.)	Avg.Vol.Per Load	% by Vol.
Cardboard	90	11.3	6.0%	1.475	0.184	11.2%
Newsprint	112	14.0	7.5%	0.625	0.078	4.7%
Magazines	80	10.0	5.3%	0.275	0.034	2.1%
High Grade Paper	126	15.8	8.4%	1.1	0.138	8.3%
Mixed Paper	185	23.1	12.3%	1.825	0.228	13.9%
PAPER TOTALS	593	74.1	39.6%	5.3	0.663	40.2%
Clear Glass	26	3.3	1.7%	0.1	0.013	0.8%
Brown Glass	27	3.4	1.8%	0.125	0.016	0.9%
Green Glass	15	1.9	1.0%	0.1	0.013	0.8%
Other Glass	4	0.5	0.3%	0.05	0.006	0.4%
GLASS TOTALS	72	9.0	4.8%	0.375	0.047	2.8%
Aluminum Cans	17	2.1	1.1%	0.325	0.041	2.5%
Other Aluminum	4	0.5	0.3%	0.075	0.009	0.6%
Non Ferrous	0	0.0	0.0%	0	0.000	0.0%
Food Cans	30	3.8	2.0%	0.325	0.041	2.5%
Ferrous	10	1.3	0.7%	0.1	0.013	0.8%
Oil filters	0	0.0	0.0%	0	0.000	0.0%
METAL TOTALS	61	7.6	4.1%	0.825	0.103	6.3%
PET #1	33	4.1	2.2%	0.625	0.078	4.7%
HDPE #2	17	2.1	1.1%	0.4	0.050	3.0%
Plastic Film	79	9.9	5.3%	1.55	0.194	11.8%
Other Plastic	73	9.1	4.9%	1.275	0.159	9.7%
PLASTIC TOTALS	202	25.3	13.5%	3.85	0.481	29.2%
Food Waste	253	31.6	16.9%	0.9	0.113	6.8%
Wood Waste	42	5.3	2.8%	0.275	0.034	2.1%
Textiles	82	10.3	5.5%	0.575	0.072	4.4%
Diapers	95	11.9	6.3%	0.55	0.069	4.2%
Other Organics	19	2.4	1.3%	0.15	0.019	1.1%
ORGANIC TOTALS	491	61.4	32.8%	2.45	0.306	18.6%
Fines	20	2.5	1.3%	0.125	0.016	0.9%
Other Inorganics	52	6.5	3.5%	0.175	0.022	1.3%
INORGANIC TOTALS	72	9.0	4.8%	0.3	0.038	2.3%
HHW	5	0.6	0.3%	0.05	0.006	0.4%
Electronic Waste	2	0.3	0.1%	0.025	0.003	0.2%
SPECIAL WASTE TOTALS	7	0.9	0.5%	0.075	0.009	0.6%
TOTAL	**1498**	**187.3**	**100%**	**13.175**	**1.647**	**100%**

Table 13.3 - St. Louis (South) Transfer Station Spring 2007 Sort Results

	WT.(lbs.)	Avg.Wt.Per Load	% by Wt.	VOL.(c.y.)	Avg.Vol.Per Load	% by Vol.
Cardboard	165	20.6	9.3%	1.975	0.247	14.3%
Newsprint	100	12.5	5.6%	0.625	0.078	4.5%
Magazines	68	8.5	3.8%	0.325	0.041	2.4%
High Grade Paper	82	10.3	4.6%	0.6	0.075	4.3%
Mixed Paper	182	22.8	10.2%	1.575	0.197	11.4%
PAPER TOTALS	597	74.6	33.5%	5.1	0.638	36.9%
Clear Glass	41	5.1	2.3%	0.15	0.019	1.1%
Brown Glass	34	4.3	1.9%	0.15	0.019	1.1%
Green Glass	21	2.6	1.2%	0.1	0.013	0.7%
Other Glass	3	0.4	0.2%	0.025	0.003	0.2%
GLASS TOTALS	99	12.4	5.6%	0.425	0.053	3.1%
Aluminum Cans	26	3.3	1.5%	0.3	0.038	2.2%
Other Aluminum	3	0.4	0.2%	0.025	0.003	0.2%
Non Ferrous	4	0.5	0.2%	0.025	0.003	0.2%
Food Cans	52	6.5	2.9%	0.275	0.034	2.0%
Ferrous	18	2.3	1.0%	0.1	0.013	0.7%
Oil filters	0	0.0	0.0%	0	0.000	0.0%
METAL TOTALS	103	12.9	5.8%	0.725	0.091	5.2%
PET #1	40	5.0	2.2%	0.475	0.059	3.4%
HDPE #2	33	4.1	1.9%	0.475	0.059	3.4%
Plastic Film	85	10.6	4.8%	1.4	0.175	10.1%
Other Plastic	154	19.3	8.6%	2.075	0.259	15.0%
PLASTIC TOTALS	312	39.0	17.5%	4.425	0.553	32.0%
Food Waste	295	36.9	16.6%	1.15	0.144	8.3%
Wood Waste	5	0.6	0.3%	0.025	0.003	0.2%
Textiles	55	6.9	3.1%	0.375	0.047	2.7%
Diapers	84	10.5	4.7%	0.275	0.034	2.0%
Other Organics	98	12.3	5.5%	0.65	0.081	4.7%
ORGANIC TOTALS	537	67.1	30.2%	2.475	0.309	17.9%
Fines	13	1.6	0.7%	0.125	0.016	0.9%
Other Inorganics	95	11.9	5.3%	0.475	0.059	3.4%
INORGANIC TOTALS	108	13.5	6.1%	0.6	0.075	4.3%
HHW	12	1.5	0.7%	0.05	0.006	0.4%
Electronic Waste	13	1.6	0.7%	0.025	0.003	0.2%
SPECIAL WASTE TOTALS	25	3.1	1.4%	0.075	0.009	0.5%
TOTAL	**1781**	**222.6**	**100%**	**13.825**	**1.728**	**100%**

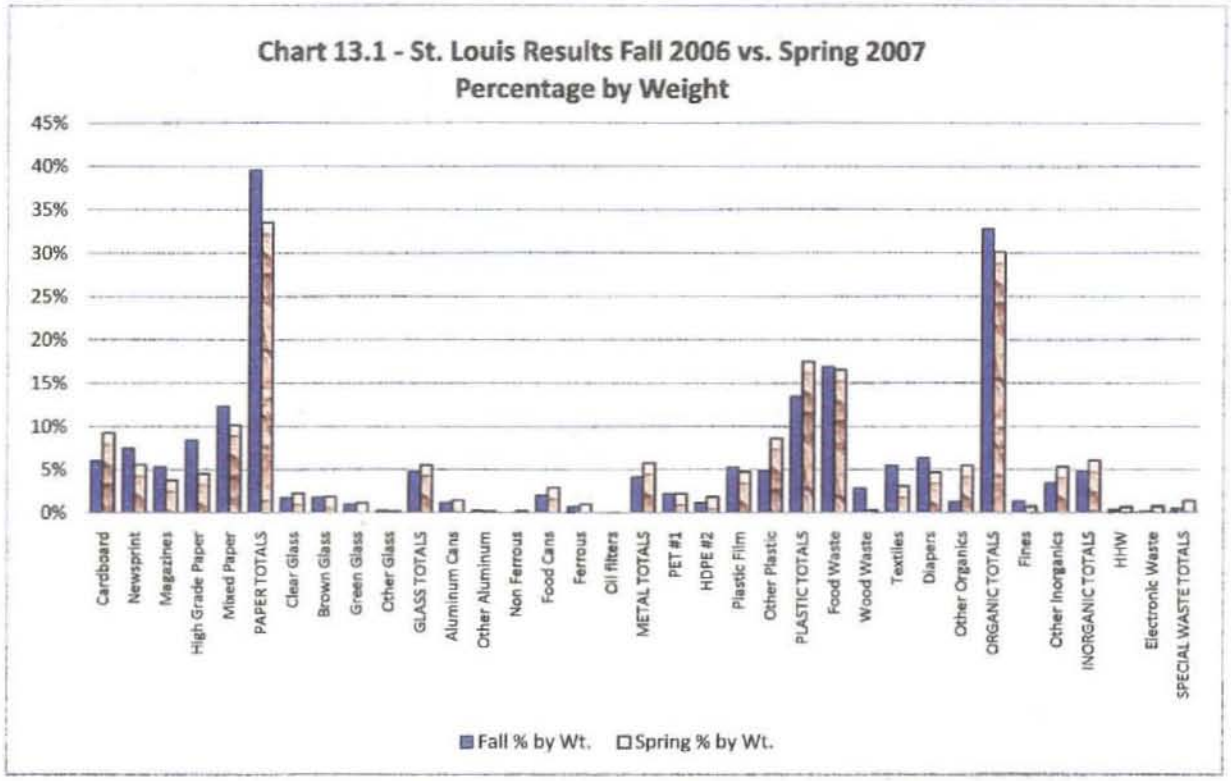
Chart 13.1 - St. Louis Results Fall 2006 vs. Spring 2007
Percentage by Weight
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
PAPER TOTALS
Clear Glass
Brown Glass
Green Glass
Other Glass
GLASS TOTALS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
Ferrous
Oil filters
METAL TOTALS
PET #1
HDPE #2
Plastic Film
Other Plastic
PLASTIC TOTALS
Food Waste
Wood Waste
Textiles
Diapers
Other Organics
ORGANIC TOTALS
Fines
Other Inorganics
INORGANIC TOTALS
HHW
Electronic Waste
SPECIAL WASTE TOTALS
Fall % by Wt.
Spring % by Wt.

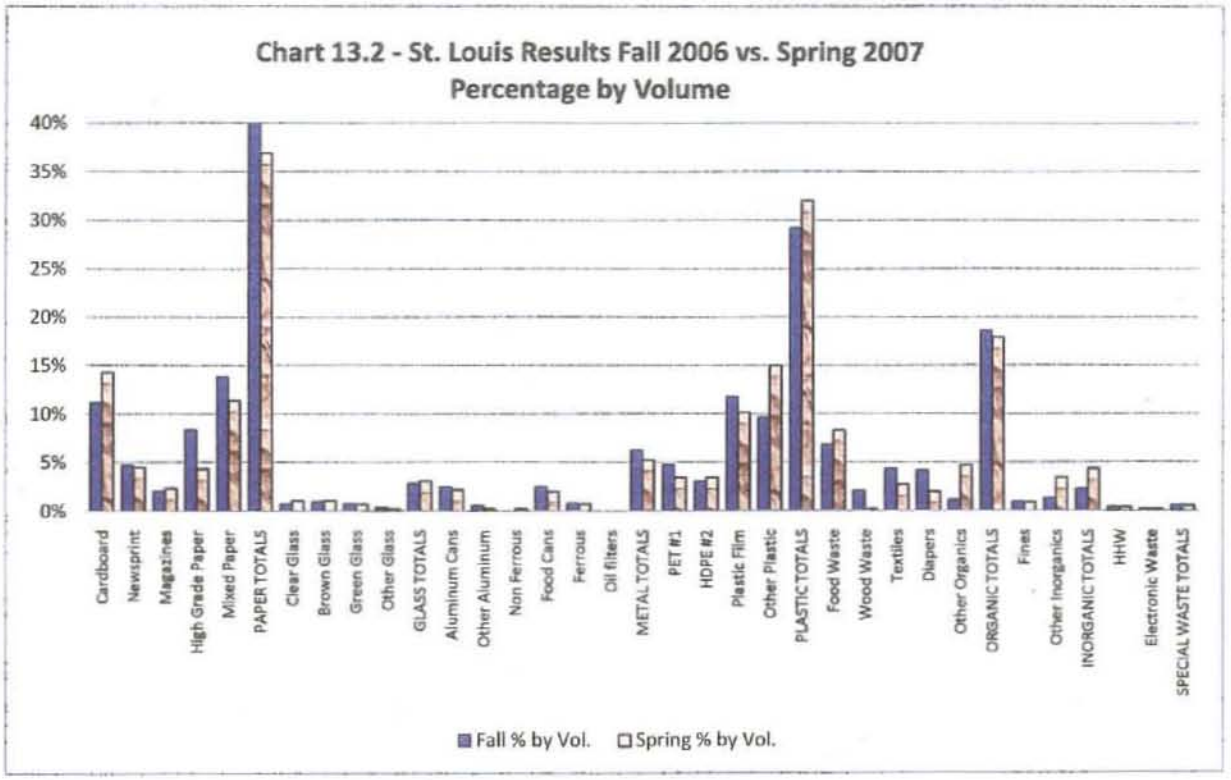
Chart 13.2 - St. Louis Results Fall 2006 vs. Spring 2007
Percentage by Volume
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
PAPER TOTALS
Clear Glass
Brown Glass
Green Glass
Other Glass
GLASS TOTALS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
Ferrous
Oil filters
METAL TOTALS
PET #1
HDPE #2
Plastic Film
Other Plastic
PLASTIC TOTALS
Food Waste
Wood Waste
Textiles
Diapers
Other Organics
ORGANIC TOTALS
Fines
Other Inorganics
INORGANIC TOTALS
HHW
Electronic Waste
SPECIAL WASTE TOTALS
Fall % by Vol.
Spring % by Vol.

Table 13.4 - Waste Composition Summary and Comparison
St. Louis (South) Transfer Station 1996-1997 to 2006-2007

	Fall Sort - 10/2-10/3/06				Spring Sort - 5/24-5/25/07				Total 2006-2007 Site Results				1996-1997	2006-2007	Difference
	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.	% by Wt.	% by Wt.	% by Wt.
Cardboard	90	6.0%	1.475	11.2%	165	9.3%	1.98	14.3%	255	7.78%	3.45	12.78%	4.4%	7.8%	3.4%
Newsprint	112	7.5%	0.625	4.7%	100	5.6%	0.63	4.5%	212	6.47%	1.25	4.63%	13.3%	6.5%	-6.8%
Magazines	80	5.3%	0.275	2.1%	68	3.8%	0.33	2.4%	148	4.51%	0.60	2.22%	3.0%	4.5%	1.5%
High Grade Paper	126	8.4%	1.100	8.3%	82	4.6%	0.60	4.3%	208	6.34%	1.70	6.30%	2.8%	6.3%	3.5%
Mixed Paper	185	12.3%	1.825	13.9%	182	10.2%	1.58	11.4%	367	11.19%	3.40	12.59%	13.1%	11.2%	-1.9%
TOTAL PAPER	**593**	**39.6%**	**5.300**	**40.2%**	**597**	**33.5%**	**5.10**	**36.9%**	**1,190**	**36.29%**	**10.40**	**38.52%**	**36.6%**	**36.3%**	**-0.3%**
Clear Glass	26	1.7%	0.100	0.8%	41	2.3%	0.15	1.1%	67	2.04%	0.25	0.93%	3.8%	2.0%	-1.8%
Brown Glass	27	1.8%	0.125	0.9%	34	1.9%	0.15	1.1%	61	1.86%	0.28	1.02%	2.2%	1.9%	-0.3%
Green Glass	15	1.0%	0.100	0.8%	21	1.2%	0.10	0.7%	36	1.10%	0.20	0.74%	0.7%	1.1%	0.4%
Other Glass	4	0.3%	0.050	0.4%	3	0.2%	0.03	0.2%	7	0.21%	0.08	0.28%	0.7%	0.2%	-0.5%
TOTAL GLASS	**72**	**4.8%**	**0.375**	**2.8%**	**99**	**5.6%**	**0.43**	**3.1%**	**171**	**5.22%**	**0.80**	**2.96%**	**7.4%**	**5.2%**	**-2.2%**
Aluminum Cans	17	1.1%	0.325	2.5%	26	1.5%	0.30	2.2%	43	1.31%	0.63	2.31%	1.5%	1.3%	-0.2%
Other Aluminum	4	0.3%	0.075	0.6%	3	0.2%	0.03	0.2%	7	0.21%	0.10	0.37%	0.7%	0.2%	-0.5%
Non Ferrous	-	0.0%	-	0.0%	4	0.2%	0.03	0.2%	4	0.12%	0.03	0.09%	0.3%	0.1%	-0.2%
Food Cans	30	2.0%	0.325	2.5%	52	2.9%	0.28	2.0%	82	2.50%	0.60	2.22%	2.6%	2.5%	-0.1%
Ferrous	10	0.7%	0.100	0.8%	18	1.0%	0.10	0.7%	28	0.85%	0.20	0.74%	1.2%	0.9%	-0.3%
Oil filters	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.00%	-	0.00%	0.0%	0.0%	0.0%
TOTAL METALS	**61**	**4.1%**	**0.825**	**6.3%**	**103**	**5.8%**	**0.73**	**5.2%**	**164**	**5.00%**	**1.55**	**5.74%**	**6.3%**	**5.0%**	**-1.3%**
PET #1	33	2.2%	0.625	4.7%	40	2.2%	0.48	3.4%	73	2.23%	1.10	4.07%	1.3%	2.2%	0.9%
HDPE #2	17	1.1%	0.400	3.0%	33	1.9%	0.48	3.4%	50	1.52%	0.88	3.24%	1.7%	1.5%	-0.2%
Plastic Film	79	5.3%	1.550	11.8%	85	4.8%	1.40	10.1%	164	5.00%	2.95	10.93%	2.9%	5.0%	2.1%
Other Plastic	73	4.9%	1.275	9.7%	154	8.6%	2.08	15.0%	227	6.92%	3.35	12.41%	6.5%	6.9%	0.4%
TOTAL PLASTIC	**202**	**13.5%**	**3.850**	**29.2%**	**312**	**17.5%**	**4.43**	**32.0%**	**514**	**15.68%**	**8.28**	**30.65%**	**12.4%**	**15.7%**	**3.3%**
Food Waste	253	16.9%	0.900	6.8%	295	16.6%	1.15	8.3%	548	16.71%	2.05	7.59%	18.0%	16.7%	-1.3%
Wood Waste	42	2.8%	0.275	2.1%	5	0.3%	0.03	0.2%	47	1.43%	0.30	1.11%	0.6%	1.4%	0.8%
Textiles	82	5.5%	0.575	4.4%	55	3.1%	0.38	2.7%	137	4.18%	0.95	3.52%	4.1%	4.2%	0.1%
Diapers	95	6.3%	0.550	4.2%	84	4.7%	0.28	2.0%	179	5.46%	0.83	3.06%	3.8%	5.5%	1.7%
Other Organics	19	1.3%	0.150	1.1%	98	5.5%	0.65	4.7%	117	3.57%	0.80	2.96%	5.0%	3.6%	-1.4%
TOTAL ORGANICS	**491**	**32.8%**	**2.450**	**18.6%**	**537**	**30.2%**	**2.48**	**17.9%**	**1,028**	**31.35%**	**4.93**	**18.24%**	**31.5%**	**31.4%**	**-0.1%**
Fines	20	1.3%	0.125	0.9%	13	0.7%	0.13	0.9%	33	1.01%	0.25	0.93%	4.3%	1.0%	-3.3%
Other Inorganics	52	3.5%	0.175	1.3%	95	5.3%	0.48	3.4%	147	4.48%	0.65	2.41%	1.8%	4.5%	2.7%
TOTAL INORGANICS	**72**	**4.8%**	**0.300**	**2.3%**	**108**	**6.1%**	**0.60**	**4.3%**	**180**	**5.49%**	**0.90**	**3.33%**	**6.1%**	**5.5%**	**-0.6%**
HHW	5	0.3%	0.050	0.4%	12	0.7%	0.05	0.4%	17	0.52%	0.10	0.37%	n/a	0.5%	0.5%
Electronic Waste	2	0.1%	0.025	0.2%	13	0.7%	0.03	0.2%	15	0.46%	0.05	0.19%	n/a	0.5%	0.5%
TOTAL SPECIAL WASTE	**7**	**0.5%**	**0.075**	**0.6%**	**25**	**1.4%**	**0.08**	**0.5%**	**32**	**0.98%**	**0.15**	**0.56%**		**1.0%**	**1.0%**
TOTAL COMPOSITION	**1,498**	**100%**	**13.2**	**100%**	**1,781**	**100%**	**13.8**	**100%**	**3,279**	**100%**	**27.0**	**100%**	**100%**	**100%**	**0%**

Table 13.5 - Waste Composition Summary and Comparison St. Louis (South) Transfer Station Site to 2006-2007 Overall Average

	Fall Sort - 10/2-10/3/06				Spring Sort - 5/24-5/25/07				Total 2006-2007 Results for Site				Avg. All Sites	St. Louis	Difference
	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.	% by Wt.	% by Wt.	% by Wt.
Cardboard	90	6.0%	1.475	11.2%	165	9.3%	1.98	14.3%	255	7.78%	3.45	12.78%	8.20%	7.78%	-0.4%
Newsprint	112	7.5%	0.625	4.7%	100	5.6%	0.63	4.5%	212	6.47%	1.25	4.63%	5.17%	6.47%	1.3%
Magazines	80	5.3%	0.275	2.1%	68	3.8%	0.33	2.4%	148	4.51%	0.60	2.22%	3.66%	4.51%	0.9%
High Grade Paper	126	8.4%	1.100	8.3%	82	4.6%	0.60	4.3%	208	6.34%	1.70	6.30%	6.40%	6.34%	-0.1%
Mixed Paper	185	12.3%	1.825	13.9%	182	10.2%	1.58	11.4%	367	11.19%	3.40	12.59%	10.20%	11.19%	1.0%
TOTAL PAPER	**593**	**39.6%**	**5.300**	**40.2%**	**597**	**33.5%**	**5.10**	**36.9%**	**1,190**	**36.29%**	**10.40**	**38.52%**	**33.63%**	**36.29%**	**2.7%**
Clear Glass	26	1.7%	0.100	0.8%	41	2.3%	0.15	1.1%	67	2.04%	0.25	0.93%	2.71%	2.04%	-0.7%
Brown Glass	27	1.8%	0.125	0.9%	34	1.9%	0.15	1.1%	61	1.86%	0.28	1.02%	1.77%	1.86%	0.1%
Green Glass	15	1.0%	0.100	0.8%	21	1.2%	0.10	0.7%	36	1.10%	0.20	0.74%	0.63%	1.10%	0.5%
Other Glass	4	0.3%	0.050	0.4%	3	0.2%	0.03	0.2%	7	0.21%	0.08	0.28%	0.32%	0.21%	-0.1%
TOTAL GLASS	**72**	**4.8%**	**0.375**	**2.8%**	**99**	**5.6%**	**0.43**	**3.1%**	**171**	**5.22%**	**0.80**	**2.96%**	**5.44%**	**5.22%**	**-0.2%**
Aluminum Cans	17	1.1%	0.325	2.5%	26	1.5%	0.30	2.2%	43	1.31%	0.63	2.31%	1.59%	1.31%	-0.3%
Other Aluminum	4	0.3%	0.075	0.6%	3	0.2%	0.03	0.2%	7	0.21%	0.10	0.37%	0.34%	0.21%	-0.1%
Non Ferrous	-	0.0%	-	0.0%	4	0.2%	0.03	0.2%	4	0.12%	0.03	0.09%	0.23%	0.12%	-0.1%
Food Cans	30	2.0%	0.325	2.5%	52	2.9%	0.28	2.0%	82	2.50%	0.60	2.22%	2.93%	2.50%	-0.4%
Ferrous	10	0.7%	0.100	0.8%	18	1.0%	0.10	0.7%	28	0.85%	0.20	0.74%	0.87%	0.85%	0.0%
Oil filters	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.00%	-	0.00%	0.08%	0.00%	-0.1%
TOTAL METALS	**61**	**4.1%**	**0.825**	**6.3%**	**103**	**5.8%**	**0.73**	**5.2%**	**164**	**5.00%**	**1.55**	**5.74%**	**6.04%**	**5.00%**	**-1.0%**
PET #1	33	2.2%	0.625	4.7%	40	2.2%	0.48	3.4%	73	2.23%	1.10	4.07%	2.55%	2.23%	-0.3%
HDPE #2	17	1.1%	0.400	3.0%	33	1.9%	0.48	3.4%	50	1.52%	0.88	3.24%	1.90%	1.52%	-0.4%
Plastic Film	79	5.3%	1.550	11.8%	85	4.8%	1.40	10.1%	164	5.00%	2.95	10.93%	4.82%	5.00%	0.2%
Other Plastic	73	4.9%	1.275	9.7%	154	8.6%	2.08	15.0%	227	6.92%	3.35	12.41%	7.99%	6.92%	-1.1%
TOTAL PLASTIC	**202**	**13.5%**	**3.850**	**29.2%**	**312**	**17.5%**	**4.43**	**32.0%**	**514**	**15.68%**	**8.28**	**30.65%**	**17.25%**	**15.68%**	**-1.6%**
Food Waste	253	16.9%	0.900	6.8%	295	16.6%	1.15	8.3%	548	16.71%	2.05	7.59%	17.22%	16.71%	-0.5%
Wood Waste	42	2.8%	0.275	2.1%	5	0.3%	0.03	0.2%	47	1.43%	0.30	1.11%	1.19%	1.43%	0.2%
Textiles	82	5.5%	0.575	4.4%	55	3.1%	0.38	2.7%	137	4.18%	0.95	3.52%	4.73%	4.18%	-0.6%
Diapers	95	6.3%	0.550	4.2%	84	4.7%	0.28	2.0%	179	5.46%	0.83	3.06%	5.48%	5.46%	0.0%
Other Organics	19	1.3%	0.150	1.1%	98	5.5%	0.65	4.7%	117	3.57%	0.80	2.96%	2.97%	3.57%	0.6%
TOTAL ORGANICS	**491**	**32.8%**	**2.450**	**18.6%**	**537**	**30.2%**	**2.48**	**17.9%**	**1,028**	**31.35%**	**4.93**	**18.24%**	**31.59%**	**31.35%**	**-0.2%**
Fines	20	1.3%	0.125	0.9%	13	0.7%	0.13	0.9%	33	1.01%	0.25	0.93%	0.93%	1.01%	0.1%
Other Inorganics	52	3.5%	0.175	1.3%	95	5.3%	0.48	3.4%	147	4.48%	0.65	2.41%	3.21%	4.48%	1.3%
TOTAL INORGANICS	**72**	**4.8%**	**0.300**	**2.3%**	**108**	**6.1%**	**0.60**	**4.3%**	**180**	**5.49%**	**0.90**	**3.33%**	**4.14%**	**5.49%**	**1.3%**
HHW	5	0.3%	0.050	0.4%	12	0.7%	0.05	0.4%	17	0.52%	0.10	0.37%	0.92%	0.52%	-0.4%
Electronic Waste	2	0.1%	0.025	0.2%	13	0.7%	0.03	0.2%	15	0.46%	0.05	0.19%	0.99%	0.46%	-0.5%
TOTAL SPECIAL WASTE	**7**	**0.5%**	**0.075**	**0.6%**	**25**	**1.4%**	**0.08**	**0.5%**	**32**	**0.98%**	**0.15**	**0.56%**	**1.91%**	**0.98%**	**-0.9%**
TOTAL COMPOSITION	**1,498**	**100%**	**13.2**	**100%**	**1,781**	**100%**	**13.8**	**100%**	**3,279**	**100%**	**27.0**	**100%**	**100%**	**100%**	**0%**

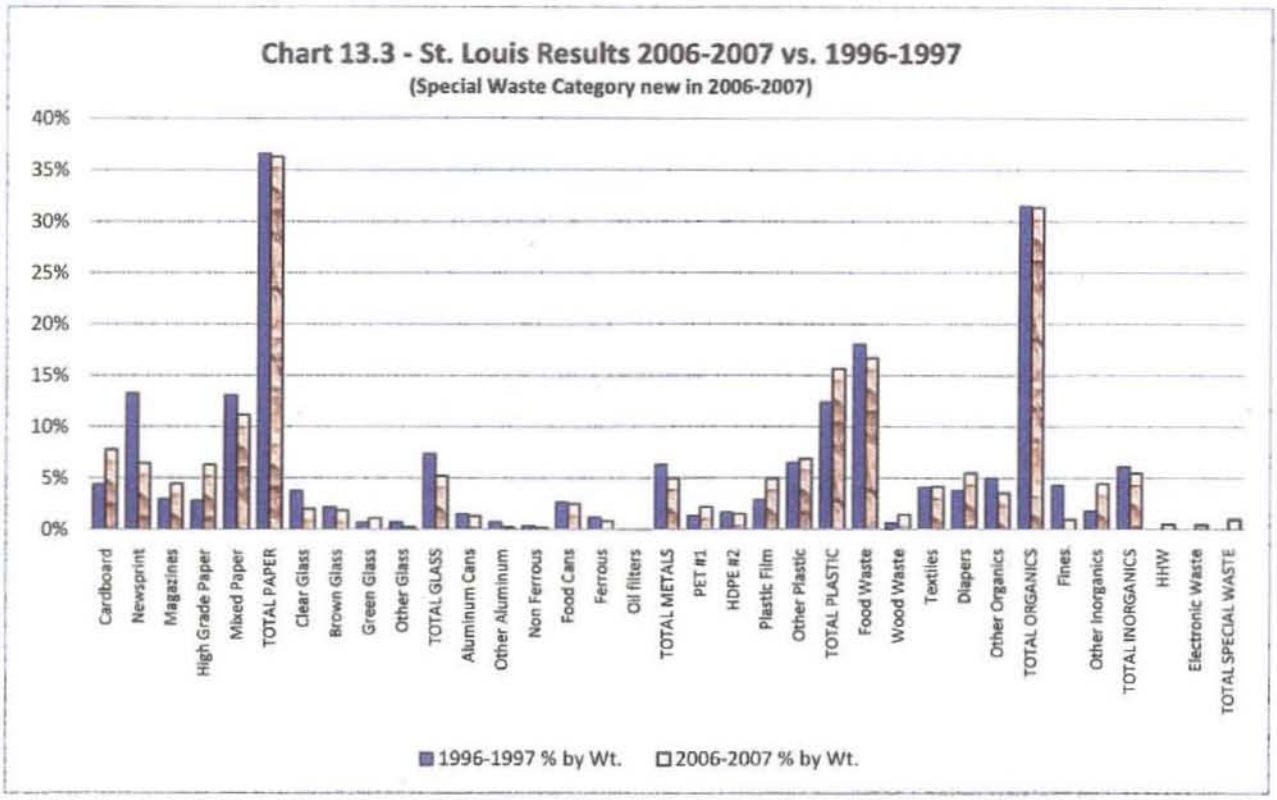
Chart 13.3 - St. Louis Results 2006-2007 vs. 1996-1997
(Special Waste Category new in 2006-2007)
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
Ferrous
Oil filters
TOTAL METALS
PET #1
HDPE #2
Plastic Film
Other Plastic
TOTAL PLASTIC
Food Waste
Wood Waste
Textiles
Diapers
Other Organics
TOTAL ORGANICS
Fines
Other Inorganics
TOTAL INORGANICS
HHW
Electronic Waste
TOTAL SPECIAL WASTE
1996-1997 % by Wt.
2006-2007 % by Wt.

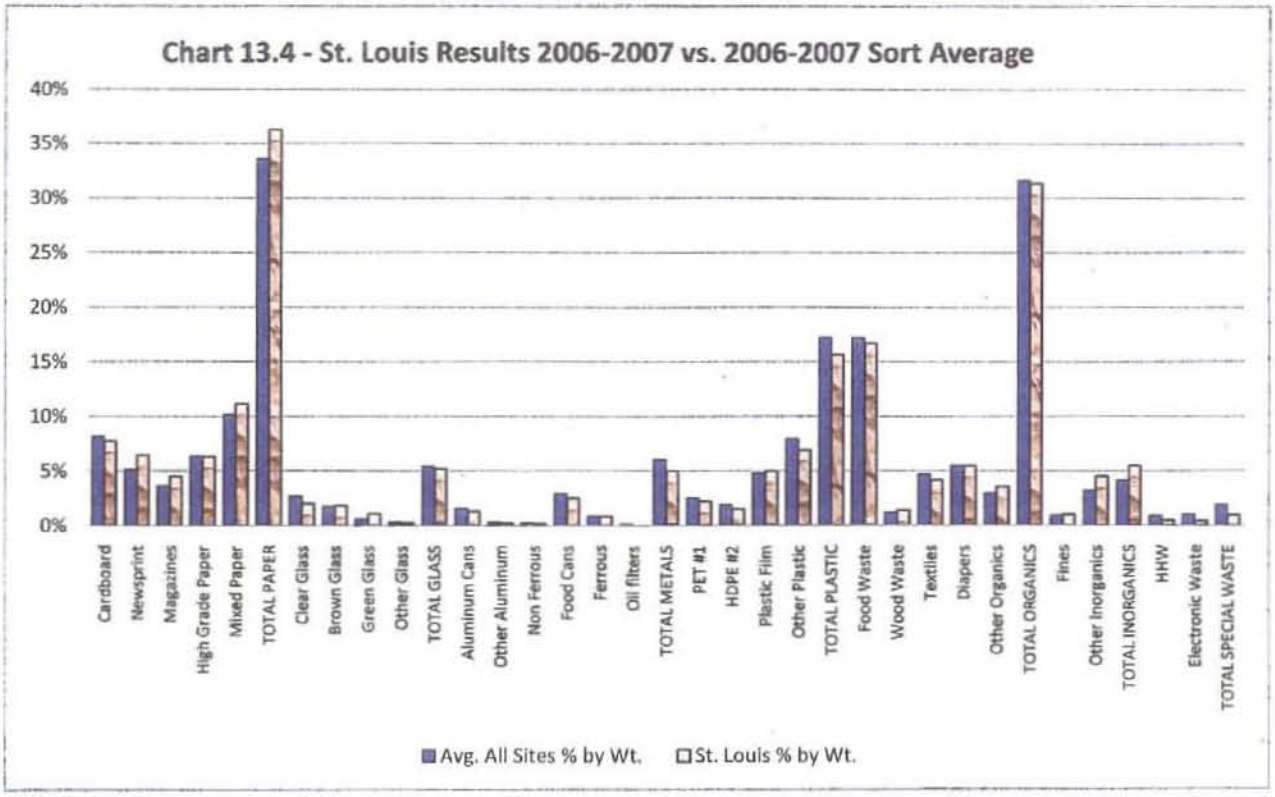
Chart 13.4 - St. Louis Results 2006-2007 vs. 2006-2007 Sort Average
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
Ferrous
Oil filters
TOTAL METALS
PET #1
HDPE #2
Plastic Film
Other Plastic
TOTAL PLASTIC
Food Waste
Wood Waste
Textiles
Diapers
Other Organics
TOTAL ORGANICS
Fines
Other Inorganics
TOTAL INORGANICS
HHW
Electronic Waste
TOTAL SPECIAL WASTE
Avg. All Sites % by Wt.
St. Louis % by Wt.

Table 13.6 - Special Waste Sorted at St. Louis (south) Transfer Station

	Fall 2006	Spring 2007
ELECTRONICS		
Musical item (CD player, radio, boom box, etc.)		
Small Appliances (toaster, clock, coffee maker, calculator/adding maching, elec. tooth brush, etc.)		3
TV, VCR, DVD player, Game Stations, etc.		1
Remote Control or Game Controller		
Electronic Toy or Game		
Computer Hard Drive		
Computer Monitor		
Computer Keyboard		
Computer Mouse		1
Computer Printer		
Toner Cartridge		
Telephone/Answering Machine	1	
Cell Phones, Chargers		2
HOUSEHOLD HAZARDOUS WASTE (Containers with Contents)		
Needles/Syringes	milk jug full	several
Paint, Thinner, etc.	3	
Automotive Fluids (oil, fuel, starting fluid, etc.)		
Oil Filters		
Household Cleaners	6	3
Yard & Garden Spray, Powder, etc.		
Insect & Animal Repellant Spray, Powder, Poison, etc.	3	3
Over The Counter & Prescription Medicine	8	
Beauty & Hygiene Products	6	4
Disposable Razors	16	several
Alkaline Batteries	16	16
Lithium & Other Batteries		3
Smoke Alarm		
Cigarette Lighter		1

Weight of Batteries Reported by RBRC	21.8 oz.	12.4 oz.