

Appendix 1
Columbia Landfill

APPENDIX 1 - COLUMBIA SANITARY LANDFILL

The Columbia Sanitary Landfill is owned and operated by the city of Columbia Public Works Department. Columbia is centrally located in Missouri along I-70 between Kansas City and St. Louis. It is the county seat of Boone County and is the largest service center in mid-Missouri. Columbia's sanitary landfill is one of three landfills in Solid Waste Management District H.

Demographics:

	<u>Columbia</u>	<u>Boone County</u>
Population	84,780	135,454
Number of Households	35,963	53,106
Average Household Size	2.26	2.38
Median Household Income	\$33,729	\$37,485

Solid Waste Collection

The city of Columbia collects all residential trash within the city limits. They also provide commercial and industrial collection within the city limits, as do several private haulers. Various private and municipal haulers service residential and commercial customers outside the Columbia city limits and in surrounding mid-Missouri towns.

Solid Waste Disposal

The Columbia Sanitary Landfill accepts waste from the eight-county solid waste district area. The site is in the northeast corner of the city limits, off of Route B. The current tipping fee at the landfill is \$32.50 per ton, and the facility received 197,272 tons of waste during calendar year 2006. This quantity was escalated due to a destructive spring storm. Projected tonnage for 2007 is 175,000, which is in line with normal growth in recent years.

Waste Reduction, Recycling, and Recovery Programs

Columbia has had an active recycling program since the early 1980's and a waste minimization program since 1990. The city's recycling program has been a dual stream commingled system since 1998 for both curbside and drop-off collection. The city fee for residential solid waste services includes refuse, recycling, and yard waste collection and disposal. Some private haulers in the area offer residential recycling collection for incremental fees.

Commercial recycling services are offered by some private haulers and recycling companies as well as the city. The city owns and operates a Material Recovery Facility that is open for processing recyclables from both city and private haulers. Over 8,100 tons were processed at the MRF in fiscal year 2006.

The city also operates a household hazardous waste(hhw) facility for citizen drop-off from April-November, a 15-acre compost facility where mulch and compost are processed, and two yard waste drop-off sites. Over 120,000 pounds of hhw were received in 2006. The city sells compost to the public and gives mulch away several times per year. A landfill gas-to-energy facility is being constructed by the city's Water & Light department to utilize the landfill's methane.

Columbia Sanitary Landfill Sort Results

Sampling information and composition results are listed in Tables 1.1 through 1.6 and shown in Charts 1.1 through 1.4. There were no significant items noted by the sorters during the sampling event. The number of electronic items in the sampled waste was low, though the weight was more than average due to a t.v. and a printer. The printer was the only computer-related item in the sample. This could be due to the existence of a local electronics recycling organization, Mid-Missouri Recycling.

The significant differences in the combined 2006-2007 waste composition for the Columbia sort when percentage by weight is compared to the 1996-1997 data include the Paper category (10.2% less), Plastics (6.1% more) and Organics (4.9% more). As previously mentioned, Columbia has developed their recycling program extensively since 1996-1997, including construction of the Material Recovery Facility and expansion of their drop-off program which could explain the reduction in Paper materials experienced in the MSW.

City residents also repealed a container deposit ordinance in 2002 which would indicate more container materials could be in the city's waste stream. Increases in aluminum, glass, and plastic were all found in the waste, but each at less than 1 percent by weight.

Somewhat consistent with the differences in 2006-2007 results compared to 1996-1997, is the difference in Columbia data to the overall 2006-2007 WCS sort. The results showed Paper (2.25% less), Plastics (1.38% more) and Organics (1.5% more) with trends similar to the contrast with 1996-1997, as well as 1.49% less Metal by weight. Comparing categories and subcategories to all other sampled sites in 2006-2007, Columbia had the greatest percentage by weight of Plastic Film(6.78) and the greatest percentage by volume of Cardboard(15.34), Plastic Film(14.37), and Total Plastic(34.62). The least percentage by weight was observed at Columbia in High Grade Paper(4.75), Brown Glass(.89), and Food Cans(1.76) while the least percentage by volume was observed in Newsprint(2.76), High Grade Paper(4.17), Brown Glass(.67), Total Glass(2.38), Food Cans(1.49), and Total Metals(5.06).

Table 1.1 - Sample Summary - Columbia Sanitary Landfill

Fall 2006		Sample Size		Composition		Collection
Sample #	Weight(lbs)	Volume(cy)	Res.	Comm.	Location	
1	264	1.9	90%	10%	City of Columbia	
2	247	2.4	90%	10%	City of Columbia	
3	165	1.6	100%	0%	Boone County	
4	215	2.1	100%	0%	City of Columbia	
5	240	1.8	50%	50%	Boone County	
6	161	1.5	100%	0%	City of Columbia	
7	180	2.1	90%	10%	Boone County	
8	265	2.4	100%	0%	City of Columbia	
Total Fall	1737	15.6				
Average	217	1.9	90%	10%		

Spring 2007		Sample Size		Composition		Collection
Sample #	Weight(lbs)	Volume(cy)	Res.	Comm.	Location	
1	289	2.4	75%	25%	Boone County	
2	245	2.0	80%	20%	City of Columbia	
3	292	2.2	100%	0%	City of Columbia	
4	262	2.1	100%	0%	City of Columbia	
5	242	2.0	100%	0%	City of Columbia	
6	311	2.1	100%	0%	Boone County	
7	273	2.4	100%	0%	City of Columbia	
8	374	2.9	100%	0%	City of Columbia	
Total Spring	2288	18.0				
Average	286	2.3	94%	6%		

Site Total	4025	33.6				
Average	252	2.1	92%	8%		

Estimated Waste (lbs.) Accepted at Site During Sample Periods					3,442,623
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Table 1.2 - City of Columbia Landfill Fall 2006 Sort Results

	WT.(lbs.)	Avg.Wt.Per Load	% by Wt.	VOL.(c.y.)	Avg.Vol.Per Load	% by Vol.
Cardboard	148	18.5	8.5%	2.325	0.291	14.9%
Newsprint	82	10.3	4.7%	0.6	0.075	3.9%
Magazines	69	8.6	4.0%	0.325	0.041	2.1%
High Grade Paper	99	12.4	5.7%	0.825	0.103	5.3%
Mixed Paper	190	23.8	10.9%	1.9	0.238	12.2%
PAPER TOTALS	588	73.5	33.9%	5.975	0.747	38.4%
Clear Glass	51	6.4	2.9%	0.175	0.022	1.1%
Brown Glass	17	2.1	1.0%	0.125	0.016	0.8%
Green Glass	10	1.3	0.6%	0.1	0.013	0.6%
Other Glass	3	0.4	0.2%	0.025	0.003	0.2%
GLASS TOTALS	81	10.1	4.7%	0.425	0.053	2.7%
Aluminum Cans	30	3.8	1.7%	0.425	0.053	2.7%
Other Aluminum	4	0.5	0.2%	0.075	0.009	0.5%
Non Ferrous	1	0.1	0.1%	0.025	0.003	0.2%
Food Cans	26	3.3	1.5%	0.225	0.028	1.4%
Ferrous	31	3.9	1.8%	0.175	0.022	1.1%
Oil filters	0	0.0	0.0%	0	0.000	0.0%
METAL TOTALS	92	11.5	5.3%	0.925	0.116	5.9%
PET #1	32	4.0	1.8%	0.525	0.066	3.4%
HDPE #2	22	2.8	1.3%	0.5	0.063	3.2%
Plastic Film	87	10.9	5.0%	1.4	0.175	9.0%
Other Plastic	193	24.1	11.1%	2.5	0.313	16.1%
PLASTIC TOTALS	334	41.8	19.2%	4.925	0.616	31.6%
Food Waste	243	30.4	14.0%	0.925	0.116	5.9%
Wood Waste	20	2.5	1.2%	0.1	0.013	0.6%
Textiles	69	8.6	4.0%	0.6	0.075	3.9%
Diapers	90	11.3	5.2%	0.475	0.059	3.0%
Other Organics	69	8.6	4.0%	0.45	0.056	2.9%
ORGANIC TOTALS	491	61.4	28.3%	2.55	0.319	16.4%
Fines	16	2.0	0.9%	0.15	0.019	1.0%
Other Inorganics	123	15.4	7.1%	0.55	0.069	3.5%
INORGANIC TOTALS	139	17.4	8.0%	0.7	0.088	4.5%
HHW	9	1.1	0.5%	0.05	0.006	0.3%
Electronic Waste	3	0.4	0.2%	0.025	0.003	0.2%
SPECIAL WASTE TOTALS	12	1.5	0.7%	0.075	0.009	0.5%
TOTAL	1737	217.1	100%	15.575	1.947	100%

Table 1.3 - City of Columbia Landfill Spring 2007 Sort Results

	WT.(lbs.)	Avg.Wt.Per Load	% by Wt.	VOL.(c.y.)	Avg.Vol.Per Load	% by Vol.
Cardboard	201	25.1	8.8%	2.825	0.353	15.7%
Newsprint	77	9.6	3.4%	0.325	0.041	1.8%
Magazines	50	6.3	2.2%	0.175	0.022	1.0%
High Grade Paper	92	11.5	4.0%	0.575	0.072	3.2%
Mixed Paper	255	31.9	11.1%	2.35	0.294	13.1%
PAPER TOTALS	675	84.4	29.5%	6.25	0.781	34.7%
Clear Glass	64	8.0	2.8%	0.175	0.022	1.0%
Brown Glass	19	2.4	0.8%	0.1	0.013	0.6%
Green Glass	9	1.1	0.4%	0.05	0.006	0.3%
Other Glass	7	0.9	0.3%	0.05	0.006	0.3%
GLASS TOTALS	99	12.4	4.3%	0.375	0.047	2.1%
Aluminum Cans	25	3.1	1.1%	0.35	0.044	1.9%
Other Aluminum	6	0.8	0.3%	0.05	0.006	0.3%
Non Ferrous	0	0.0	0.0%	0	0.000	0.0%
Food Cans	45	5.6	2.0%	0.275	0.034	1.5%
Ferrous	17	2.1	0.7%	0.075	0.009	0.4%
Oil filters (one)	2	0.3	0.1%	0.025	0.003	0.1%
METAL TOTALS	95	11.9	4.2%	0.775	0.097	4.3%
PET #1	47	5.9	2.1%	0.75	0.094	4.2%
HDPE #2	34	4.3	1.5%	0.6	0.075	3.3%
Plastic Film	186	23.3	8.1%	3.425	0.428	19.0%
Other Plastic	149	18.6	6.5%	1.925	0.241	10.7%
PLASTIC TOTALS	416	52.0	18.2%	6.7	0.838	37.2%
Food Waste	524	65.5	22.9%	1.8	0.225	10.0%
Wood Waste	21	2.6	0.9%	0.1	0.013	0.6%
Textiles	135	16.9	5.9%	0.725	0.091	4.0%
Diapers	98	12.3	4.3%	0.35	0.044	1.9%
Other Organics	63	7.9	2.8%	0.375	0.047	2.1%
ORGANIC TOTALS	841	105.1	36.8%	3.35	0.419	18.6%
Fines	20	2.5	0.9%	0.075	0.009	0.4%
Other Inorganics	50	6.3	2.2%	0.225	0.028	1.3%
INORGANIC TOTALS	70	8.8	3.1%	0.3	0.038	1.7%
HHW	13	1.6	0.6%	0.05	0.006	0.3%
Electronic Waste	79	9.9	3.5%	0.2	0.025	1.1%
SPECIAL WASTE TOTALS	92	11.5	4.0%	0.25	0.031	1.4%
TOTAL	2288	286.0	100%	18	2.250	100%

Chart 1.1 - Columbia Results Fall 2006 vs. Spring 2007
Percentage by Weight

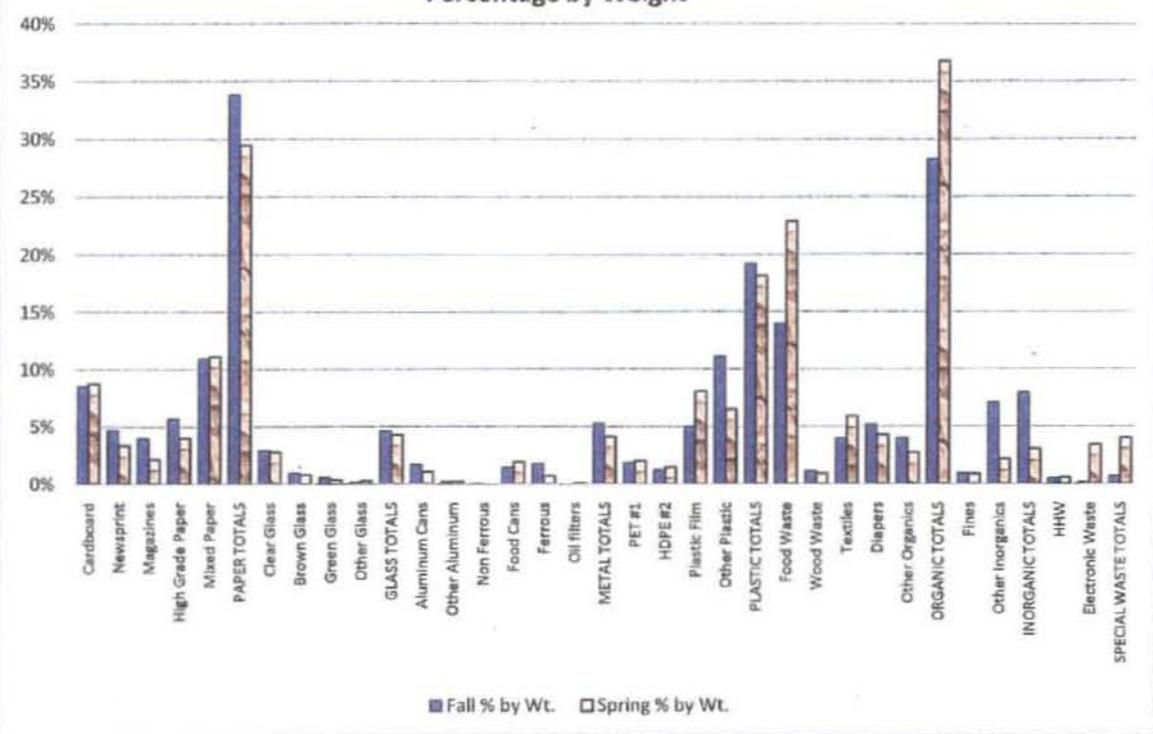
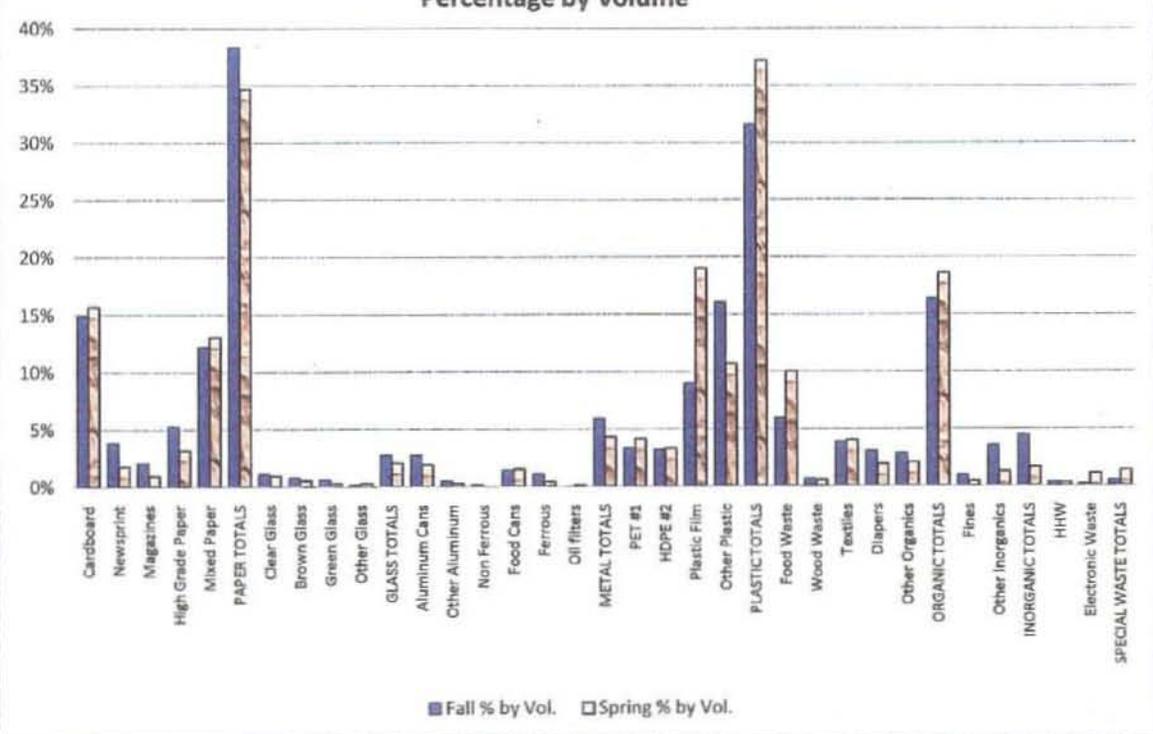


Chart 1.2 - Columbia Results Fall 2006 vs. Spring 2007
Percentage by Volume



**Table 1.4 - Waste Composition Summary and Comparison
City of Columbia Landfill 1996-1997 to 2006-2007**

	Fall Sort - 10/8-10/9/06				Spring Sort - 6/14-6/15/07				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	148	8.5%	2.325	14.9%	201	8.8%	2.83	15.7%	349	8.7%	5.15	15%	17.00%	8.67%	-8.33%
Newsprint	82	4.7%	0.600	3.9%	77	3.4%	0.33	1.8%	159	4.0%	0.93	3%	7.10%	3.95%	-3.15%
Magazines	69	4.0%	0.325	2.1%	50	2.2%	0.18	1.0%	119	3.0%	0.50	1%	4.70%	2.96%	-1.74%
High Grade Paper	99	5.7%	0.825	5.3%	92	4.0%	0.58	3.2%	191	4.7%	1.40	4%	2.00%	4.75%	2.75%
Mixed Paper	190	10.9%	1.900	12.2%	255	11.1%	2.35	13.1%	445	11.1%	4.25	13%	10.80%	11.06%	0.26%
TOTAL PAPER	588	33.9%	5.975	38.4%	675	29.5%	6.25	34.7%	1,263	31.4%	12.23	36%	41.60%	31.38%	-10.22%
Clear Glass	51	2.9%	0.175	1.1%	64	2.8%	0.18	1.0%	115	2.9%	0.35	1%	2.30%	2.86%	0.56%
Brown Glass	17	1.0%	0.125	0.8%	19	0.8%	0.10	0.6%	36	0.9%	0.23	1%	0.70%	0.89%	0.19%
Green Glass	10	0.6%	0.100	0.6%	9	0.4%	0.05	0.3%	19	0.5%	0.15	0%	0.30%	0.47%	0.17%
Other Glass	3	0.2%	0.025	0.2%	7	0.3%	0.05	0.3%	10	0.2%	0.08	0%	0.40%	0.25%	-0.15%
TOTAL GLASS	81	4.7%	0.425	2.7%	99	4.3%	0.38	2.1%	180	4.5%	0.80	2%	3.70%	4.47%	0.77%
Aluminum Cans	30	1.7%	0.425	2.7%	25	1.1%	0.35	1.9%	55	1.4%	0.78	2%	0.50%	1.37%	0.87%
Other Aluminum	4	0.2%	0.075	0.5%	6	0.3%	0.05	0.3%	10	0.2%	0.13	0%	0.40%	0.25%	-0.15%
Non Ferrous	1	0.1%	0.025	0.2%	-	0.0%	-	0.0%	1	0.0%	0.03	0%	0.50%	0.02%	-0.48%
Food Cans	26	1.5%	0.225	1.4%	45	2.0%	0.28	1.5%	71	1.8%	0.50	1%	2.10%	1.76%	-0.34%
Ferrous	31	1.8%	0.175	1.1%	17	0.7%	0.08	0.4%	48	1.2%	0.25	1%	1.80%	1.19%	-0.61%
Oil filters	0	0.0%	-	0.0%	2	0.1%	0.03	0.1%	2	0.0%	0.03	0%	0.00%	0.05%	0.05%
TOTAL METALS	92	5.3%	0.925	5.9%	95	4.2%	0.78	4.3%	187	4.6%	1.70	5%	5.30%	4.65%	-0.65%
PET #1	32	1.8%	0.525	3.4%	47	2.1%	0.75	4.2%	79	2.0%	1.28	4%	1.00%	1.96%	0.96%
HDPE #2	22	1.3%	0.500	3.2%	34	1.5%	0.60	3.3%	56	1.4%	1.10	3%	2.20%	1.39%	-0.81%
Plastic Film	87	5.0%	1.400	9.0%	186	8.1%	3.43	19.0%	273	6.8%	4.83	14%	N/A	6.78%	N/A
Other Plastic	193	11.1%	2.500	16.1%	149	6.5%	1.93	10.7%	342	8.5%	4.43	13%	9.30%	8.50%	-0.80%
TOTAL PLASTIC	334	19.2%	4.925	31.6%	416	18.2%	6.70	37.2%	750	18.6%	11.63	35%	12.50%	18.63%	6.13%
Food Waste	243	14.0%	0.925	5.9%	524	22.9%	1.80	10.0%	767	19.1%	2.73	8%	13.10%	19.06%	5.96%
Wood Waste	20	1.2%	0.100	0.6%	21	0.9%	0.10	0.6%	41	1.0%	0.20	1%	3.70%	1.02%	-2.68%
Textiles	69	4.0%	0.600	3.9%	135	5.9%	0.73	4.0%	204	5.1%	1.33	4%	5.40%	5.07%	-0.33%
Diapers	90	5.2%	0.475	3.0%	98	4.3%	0.35	1.9%	188	4.7%	0.83	2%	3.30%	4.67%	1.37%
Other Organics	69	4.0%	0.450	2.9%	63	2.8%	0.38	2.1%	132	3.3%	0.83	2%	2.70%	3.28%	0.58%
TOTAL ORGANICS	491	28.3%	2.550	16.4%	841	36.8%	3.35	18.6%	1,332	33.1%	5.90	18%	28.20%	33.09%	4.89%
Fines	16	0.9%	0.150	1.0%	20	0.9%	0.08	0.4%	36	0.9%	0.23	1%	1.10%	0.89%	-0.21%
Other Inorganics	123	7.1%	0.550	3.5%	50	2.2%	0.23	1.3%	173	4.3%	0.78	2%	7.60%	4.30%	-3.30%
TOTAL INORGANICS	139	8.0%	0.700	4.5%	70	3.1%	0.30	1.7%	209	5.2%	1.00	3%	8.70%	5.19%	-3.51%
HHW	9	0.5%	0.050	0.3%	13	0.6%	0.05	0.3%	22	0.5%	0.10	0%	n/a	0.55%	0.55%
Electronic Waste	3	0.2%	0.025	0.2%	79	3.5%	0.20	1.1%	82	2.0%	0.23	1%	n/a	2.04%	2.04%
TOTAL SPECIAL WASTE	12	0.7%	0.075	0.5%	92	4.0%	0.25	1.4%	104	2.6%	0.33	1%		2.58%	2.58%
TOTAL COMPOSITION	1,737	100%	15.6	100%	2,288	100%	18.00	100%	4,025	100%	33.6	100%	100%	100%	0%

**Table 1.5 - Waste Composition Summary and Comparison City of Columbia Landfill
Site to 2006-2007 Overall Average**

	Fall Sort - 10/8-10/9/06				Spring Sort - 6/14-6/15/07				Total 2006-2007 Results for Site				Avg. All Sites % by Wt.	Columbia % by Wt.	Difference % by Wt.
	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.	Wt.(lbs.)	%by Wt.	Vol.(cy)	%by Vol.			
Cardboard	148	8.5%	2.325	14.9%	201	8.8%	2.83	15.7%	349	8.7%	5.15	15.3%	8.20%	8.67%	0.47%
Newsprint	82	4.7%	0.600	3.9%	77	3.4%	0.33	1.8%	159	4.0%	0.93	2.8%	5.17%	3.95%	-1.22%
Magazines	69	4.0%	0.325	2.1%	50	2.2%	0.18	1.0%	119	3.0%	0.50	1.5%	3.66%	2.96%	-0.71%
High Grade Paper	99	5.7%	0.825	5.3%	92	4.0%	0.58	3.2%	191	4.7%	1.40	4.2%	6.40%	4.75%	-1.65%
Mixed Paper	190	10.9%	1.900	12.2%	255	11.1%	2.35	13.1%	445	11.1%	4.25	12.7%	10.20%	11.06%	0.85%
TOTAL PAPER	588	33.9%	5.975	38.4%	675	29.5%	6.25	34.7%	1,263	31.4%	12.23	36.4%	33.63%	31.38%	-2.25%
Clear Glass	51	2.9%	0.175	1.1%	64	2.8%	0.18	1.0%	115	2.9%	0.35	1.0%	2.71%	2.86%	0.14%
Brown Glass	17	1.0%	0.125	0.8%	19	0.8%	0.10	0.6%	36	0.9%	0.23	0.7%	1.77%	0.89%	-0.88%
Green Glass	10	0.6%	0.100	0.6%	9	0.4%	0.05	0.3%	19	0.5%	0.15	0.4%	0.63%	0.47%	-0.16%
Other Glass	3	0.2%	0.025	0.2%	7	0.3%	0.05	0.3%	10	0.2%	0.08	0.2%	0.32%	0.25%	-0.08%
TOTAL GLASS	81	4.7%	0.425	2.7%	99	4.3%	0.38	2.1%	180	4.5%	0.80	2.4%	5.44%	4.47%	-0.96%
Aluminum Cans	30	1.7%	0.425	2.7%	25	1.1%	0.35	1.9%	55	1.4%	0.78	2.3%	1.59%	1.37%	-0.22%
Other Aluminum	4	0.2%	0.075	0.5%	6	0.3%	0.05	0.3%	10	0.2%	0.13	0.4%	0.34%	0.25%	-0.09%
Non Ferrous	1	0.1%	0.025	0.2%	-	0.0%	-	0.0%	1	0.0%	0.03	0.1%	0.23%	0.02%	-0.21%
Food Cans	26	1.5%	0.225	1.4%	45	2.0%	0.28	1.5%	71	1.8%	0.50	1.5%	2.93%	1.76%	-1.17%
Ferrous	31	1.8%	0.175	1.1%	17	0.7%	0.08	0.4%	48	1.2%	0.25	0.7%	0.87%	1.19%	0.32%
Oil filters	0	0.0%	-	0.0%	2	0.1%	0.03	0.1%	2	0.0%	0.03	0.1%	0.08%	0.05%	-0.03%
TOTAL METALS	92	5.3%	0.925	5.9%	95	4.2%	0.78	4.3%	187	4.6%	1.70	5.1%	6.04%	4.65%	-1.39%
PET #1	32	1.8%	0.525	3.4%	47	2.1%	0.75	4.2%	79	2.0%	1.28	3.8%	2.55%	1.96%	-0.58%
HDPE #2	22	1.3%	0.500	3.2%	34	1.5%	0.60	3.3%	56	1.4%	1.10	3.3%	1.90%	1.39%	-0.50%
Plastic Film	87	5.0%	1.400	9.0%	186	8.1%	3.43	19.0%	273	6.8%	4.83	14.4%	4.82%	6.78%	1.96%
Other Plastic	193	11.1%	2.500	16.1%	149	6.5%	1.93	10.7%	342	8.5%	4.43	13.2%	7.99%	8.50%	0.51%
TOTAL PLASTIC	334	19.2%	4.925	31.6%	416	18.2%	6.70	37.2%	750	18.6%	11.63	34.6%	17.25%	18.63%	1.38%
Food Waste	243	14.0%	0.925	5.9%	524	22.9%	1.80	10.0%	767	19.1%	2.73	8.1%	17.22%	19.06%	1.83%
Wood Waste	20	1.2%	0.100	0.6%	21	0.9%	0.10	0.6%	41	1.0%	0.20	0.6%	1.19%	1.02%	-0.17%
Textiles	69	4.0%	0.600	3.9%	135	5.9%	0.73	4.0%	204	5.1%	1.33	3.9%	4.73%	5.07%	0.34%
Diapers	90	5.2%	0.475	3.0%	98	4.3%	0.35	1.9%	188	4.7%	0.83	2.5%	5.48%	4.67%	-0.81%
Other Organics	69	4.0%	0.450	2.9%	63	2.8%	0.38	2.1%	132	3.3%	0.83	2.5%	2.97%	3.28%	0.31%
TOTAL ORGANICS	491	28.3%	2.550	16.4%	841	36.8%	3.35	18.6%	1,332	33.1%	5.90	17.6%	31.59%	33.09%	1.50%
Fines	16	0.9%	0.150	1.0%	20	0.9%	0.08	0.4%	36	0.9%	0.23	0.7%	0.93%	0.89%	-0.04%
Other Inorganics	123	7.1%	0.550	3.5%	50	2.2%	0.23	1.3%	173	4.3%	0.78	2.3%	3.21%	4.30%	1.09%
TOTAL INORGANICS	139	8.0%	0.700	4.5%	70	3.1%	0.30	1.7%	209	5.2%	1.00	3.0%	4.14%	5.19%	1.05%
HHW	9	0.5%	0.050	0.3%	13	0.6%	0.05	0.3%	22	0.5%	0.10	0.3%	0.92%	0.55%	-0.37%
Electronic Waste	3	0.2%	0.025	0.2%	79	3.5%	0.20	1.1%	82	2.0%	0.23	0.7%	0.99%	2.04%	1.05%
TOTAL SPECIAL WASTE	12	0.7%	0.075	0.5%	92	4.0%	0.25	1.4%	104	2.6%	0.33	1.0%	1.91%	2.58%	0.68%
TOTAL COMPOSITION	1,737	100%	15.6	100%	2,288	100%	18.00	100%	4,025	100%	33.6	100%	100%	100%	0%

Chart 1.3 - Columbia Results 2006-2007 vs. 1996-1997
 (Special Waste Category new in 2006-2007)

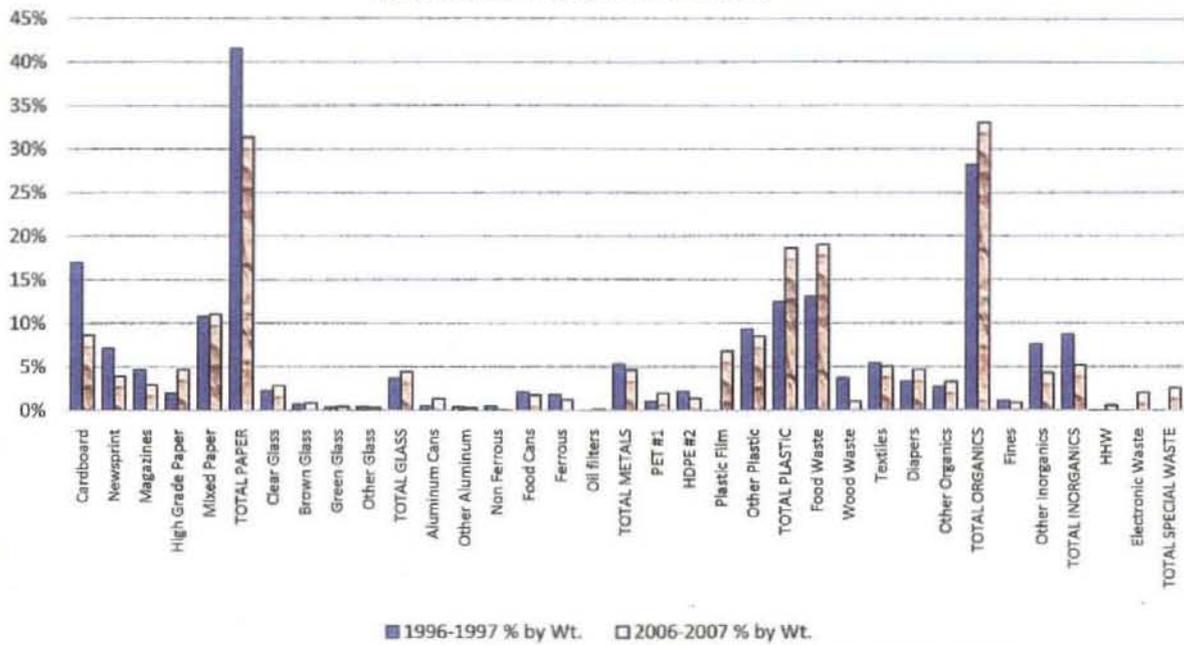


Chart 1.4 - Columbia Results 2006-2007 vs. 2006-2007 Sort Average

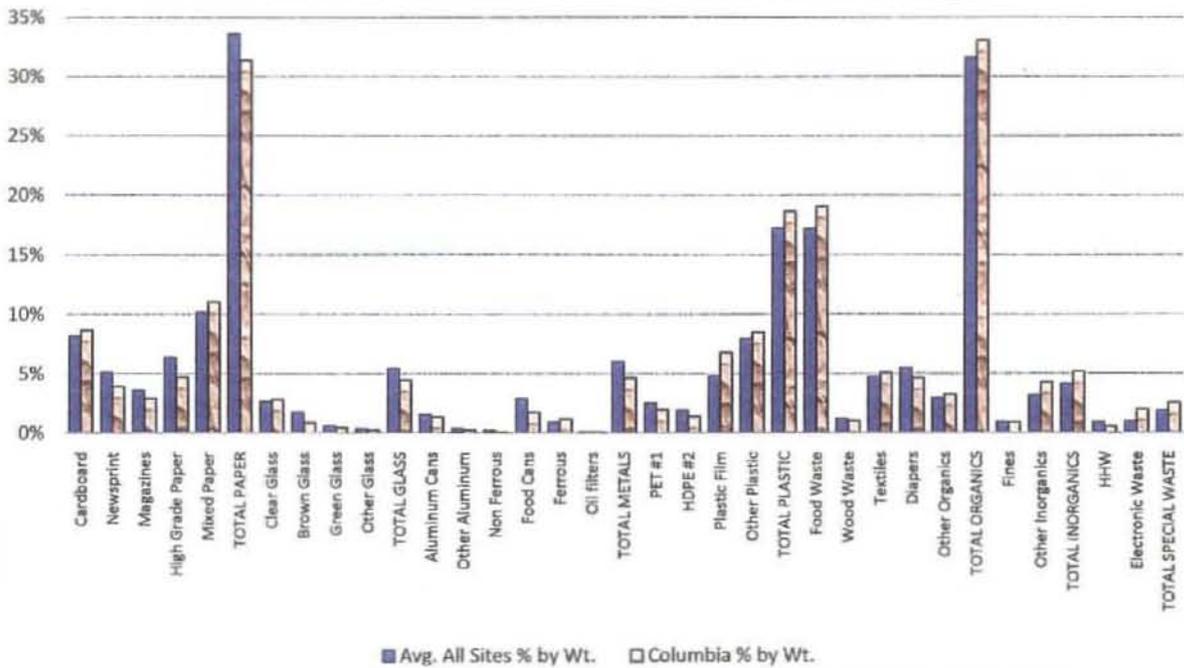


Table 1.6 - Special Waste Sorted at Columbia Sanitary Landfill

	Fall 2006	Spring 2007
ELECTRONICS		
Musical item (CD player, radio, boom box, etc.)		
Small Appliances (toaster, clock, coffee maker, calculator/adding machine, elec. tooth brush, etc.)	3	4
TV, VCR, DVD player, Game Stations, etc.		1
Remote Control or Game Controller		several
Electronic Toy or Game	1	
Computer Hard Drive		
Computer Monitor		
Computer Keyboard		
Computer Mouse		
Computer Printer		1
Toner Cartridge		
Telephone/Answering Machine		
Cell Phones, Chargers	1	several of both
HOUSEHOLD HAZARDOUS WASTE (Containers with Contents)		
Needles/Syringes		few
Paint, Thinner, etc.		several
Automotive Fluids (oil, fuel, starting fluid, etc.)		
Oil Filters		
Household Cleaners	2	1
Yard & Garden Spray, Powder, etc.		
Insect & Animal Repellant Spray, Powder, Poison, etc.		few
Over The Counter & Prescription Medicine	2	several
Beauty & Hygiene Products		few
Disposable Razors	1	1
Alkaline Batteries	51	38
Lithium & Other Batteries		1
Smoke Alarm		
Other:	lamp oil, fireworks	cig. Lighter

Weight of Batteries Reported by RBRC

58.9 oz.

68.5