Appendix 4
Maple Hill (Macon) Landfill

APPENDIX 4 – MAPLE HILL (MACON) LANDFILL

The Maple Hill landfill in Macon County is owned and operated by Veolia Environmental Services. It is located west of Macon just off of Highway 36. The landfill receives waste from the north central and mid-central areas of the state and is located in Solid Waste Management District G.

Demographics:

	City of Macon	Macon County
Population	5,423	15,762
Number of Households	2,385	6,494
Average Household Size	2.16	2.38
Median Household Income	$26,738	$30,195

Solid Waste Collection

Collection services for the area served by Maple Hill Landfill are primarily provided by Veolia Environmental Services. There are also some private haulers and municipalities that provide their own collection service prior to delivering the waste to Maple Hill.

Solid Waste Disposal

The service area for the Maple Hill Landfill spans several counties in Solid Waste Management District B, C, and G. Further, waste is transferred to Maple Hill from stations beyond these districts. Current public tipping fees are $40.50 per ton and 179,006 tons were disposed in this landfill during calendar year 2006.

Waste Reduction, Recycling, and Recovery Programs

The service area of the Maple Hill Landfill is primarily rural. A drop-off recycling program is offered in Kirksville and the city of Moberly utilizes a pay as you throw trash service combined with a curbside recycling program.

Maple Hill (Macon) Landfill Sort Results

Sampling information and composition results are listed in Tables 4.1 through 4.6 and exhibited in Charts 4.1 through 4.4. Nothing extraordinary was noted by the sorters during the Macon sort. When comparing Macon's results with the 1996-1997 WCS results, two categories had significant changes, those being Paper (3.8% less) and Inorganics (3.2% more.)

Comparing Macon's composition to the overall 2006-2007 WCS average, the greatest variance was in the Inorganics, with 2.1% more than the average. This was due to broken sheet rock found in two of the loads during the fall sort. Macon's sort resulted in the highest percentage by weight of Other Inorganics(5.16) and Total Inorganics(6.28) when compared to the other 2006-2007 sampled sites, as well as the highest percentage by volume of Brown Glass(1.48), Green Glass(1.06), Total Glass(5.43), Food Cans(3.11), Total Metals(9.1), Textiles(4.59), Other Inorganics(2.75), and Total Inorganics(3.67). The lowest percentage by volume of categories and subcategories was recorded at Macon for Total Paper(34.37) and Total Plastic(28.58).

Table 4.1 - Sample Summary - Maple Hill (Macon) Landfill

Fall 2006	Sample Size		Composition		Collection
Sample #	Weight(lbs)	Volume(cy)	Res.	Comm.	Location
1	263	2.4	80%	20%	Huntsville
2	306	2.4	90%	10%	Moberly
3	230	1.8	90%	10%	Moberly
4	199	1.7	80%	20%	Moberly
5	297	2.1	80%	20%	Moberly
6	313	2.7	90%	10%	Harrisburg
7	278	2.3	90%	10%	Marceline
8	313	4.9	90%	10%	Moberly
Total Fall	**2199**	**20.2**			
Average	**275**	**2.5**	**86%**	**14%**	

Spring 2007	Sample Size		Composition		Collection
Sample #	Weight(lbs)	Volume(cy)	Res.	Comm.	Location
1	232	1.8	100%	0%	Edina
2	235	1.6	95%	5%	Callao
3	236	1.9	90%	10%	Moberly
4	261	2.1	70%	30%	Kirksville
5	266	2.2	80%	20%	Kirksville
6	279	1.8	90%	10%	Huntsville
7	266	1.9	70%	30%	Rural Linn County
8	248	1.9	100%	0%	Kirksville
Total Spring	**2023**	**15.2**			
Average	**253**	**1.9**	**87%**	**13%**	

Site Total	**4222**	**35.4**			
Average	**264**	**2.2**	**87%**	**13%**	

Estimated Waste (lbs.) Accepted at Site During Sample Periods	**3,521,430**

Table 4.2 - Maple Hill (Macon) Landfill Fall 2006 Sort Results

	WT.(lbs.)	Avg.Wt.Per Load	% by Wt.	VOL.(c.y.)	Avg.Vol.Per Load	% by Vol.
Cardboard	180	22.5	8.2%	2.125	0.266	10.5%
Newsprint	121	15.125	5.5%	0.65	0.081	3.2%
Magazines	71	8.875	3.2%	0.375	0.047	1.9%
High Grade Paper	113	14.125	5.1%	1.05	0.131	5.2%
Mixed Paper	228	28.5	10.4%	2.475	0.309	12.2%
PAPER TOTALS	713	89	32.4%	6.675	0.834	33.0%
Clear Glass	34	4.25	1.5%	0.425	0.053	2.1%
Brown Glass	20	2.5	0.9%	0.4	0.050	2.0%
Green Glass	17	2.125	0.8%	0.35	0.044	1.7%
Other Glass	9	1.125	0.4%	0.325	0.041	1.6%
GLASS TOTALS	80	10	3.6%	1.5	0.188	7.4%
Aluminum Cans	31	3.875	1.4%	0.7	0.088	3.5%
Other Aluminum	6	0.75	0.3%	0.325	0.041	1.6%
Non Ferrous	5	0.625	0.2%	0.3	0.038	1.5%
Food Cans	65	8.125	3.0%	0.7	0.088	3.5%
Ferrous	20	2.5	0.9%	0.35	0.044	1.7%
Oil filters	0	0	0.0%	0	0.000	0.0%
METAL TOTALS	127	16	5.8%	2.375	0.297	11.7%
PET #1	64	8	2.9%	0.9	0.113	4.4%
HDPE #2	38	4.75	1.7%	0.75	0.094	3.7%
Plastic Film	61	7.625	2.8%	1.1	0.138	5.4%
Other Plastic	193	24.125	8.8%	2.275	0.284	11.2%
PLASTIC TOTALS	356	45	16.2%	5.025	0.628	24.8%
Food Waste	324	40.5	14.7%	1.4	0.175	6.9%
Wood Waste	34	4.25	1.5%	0.2	0.025	1.0%
Textiles	119	14.875	5.4%	0.75	0.094	3.7%
Diapers	142	17.75	6.5%	0.75	0.094	3.7%
Other Organics	70	8.75	3.2%	0.45	0.056	2.2%
ORGANIC TOTALS	689	86	31.3%	3.55	0.444	17.6%
Fines	31	3.875	1.4%	0.175	0.02	0.9%
Other Inorganics	182	22.75	8.3%	0.825	0.103	4.1%
INORGANIC TOTALS	213	27	9.7%	1	0.125	4.9%
HHW	5	0.625	0.2%	0.025	0.003	0.1%
Electronic Waste	16	2.0	0.7%	0.075	0.009	0.4%
SPECIAL WASTE TOTALS	21	2.6	1.0%	0.1	0.0125	0.5%
TOTAL	**2199**	**274.9**	**100%**	**20.225**	**2.528**	**100%**

Table 4.3 - Maple Hill (Macon) Landfill Spring 2007 Sort Results

	WT.(lbs.)	Avg.Wt.Per Load	% by Wt.	VOL.(c.y.)	Avg.Vol.Per Load	% by Vol.
Cardboard	186	23.3	9.2%	2.375	0.297	15.6%
Newsprint	107	13.4	5.3%	0.5	0.063	3.3%
Magazines	62	7.8	3.1%	0.2	0.025	1.3%
High Grade Paper	138	17.3	6.8%	0.85	0.106	5.6%
Mixed Paper	209	26.1	10.3%	1.575	0.197	10.4%
PAPER TOTALS	702	87.8	34.7%	5.5	0.688	36.2%
Clear Glass	65	8.1	3.2%	0.2	0.025	1.3%
Brown Glass	35	4.4	1.7%	0.125	0.016	0.8%
Green Glass	5	0.6	0.2%	0.025	0.003	0.2%
Other Glass	21	2.6	1.0%	0.075	0.009	0.5%
GLASS TOTALS	126	15.8	6.2%	0.425	0.053	2.8%
Aluminum Cans	24	3.0	1.2%	0.325	0.041	2.1%
Other Aluminum	5	0.6	0.2%	0.05	0.006	0.3%
Non Ferrous	0	0.0	0.0%	0	0.000	0.0%
Food Cans	68	8.5	3.4%	0.4	0.050	2.6%
Ferrous	13	1.6	0.6%	0.05	0.006	0.3%
Oil filters (one)	2	0.3	0.1%	0.025	0.003	0.2%
METAL TOTALS	112	14.0	5.5%	0.85	0.106	5.6%
PET #1	47	5.9	2.3%	0.7	0.088	4.6%
HDPE #2	41	5.1	2.0%	0.6	0.075	3.9%
Plastic Film	92	11.5	4.5%	1.95	0.244	12.8%
Other Plastic	147	18.4	7.3%	1.85	0.231	12.2%
PLASTIC TOTALS	327	40.9	16.2%	5.1	0.638	33.6%
Food Waste	347	43.4	17.2%	1.075	0.134	7.1%
Wood Waste	23	2.9	1.1%	0.1	0.013	0.7%
Textiles	140	17.5	6.9%	0.875	0.109	5.8%
Diapers	76	9.5	3.8%	0.325	0.041	2.1%
Other Organics	71	8.9	3.5%	0.5	0.063	3.3%
ORGANIC TOTALS	657	82.1	32.5%	2.875	0.359	18.9%
Fines	16	2.0	0.8%	0.15	0.019	1.0%
Other Inorganics	36	4.5	1.8%	0.15	0.019	1.0%
INORGANIC TOTALS	52	6.5	2.6%	0.3	0.038	2.0%
HHW	16	2.0	0.8%	0.05	0.006	0.3%
Electronic Waste	31	3.9	1.5%	0.1	0.013	0.7%
SPECIAL WASTE TOTALS	47	5.9	2.3%	0.15	0.019	1.0%
TOTAL	**2023**	**252.9**	**100%**	**15.2**	**1.900**	**100%**

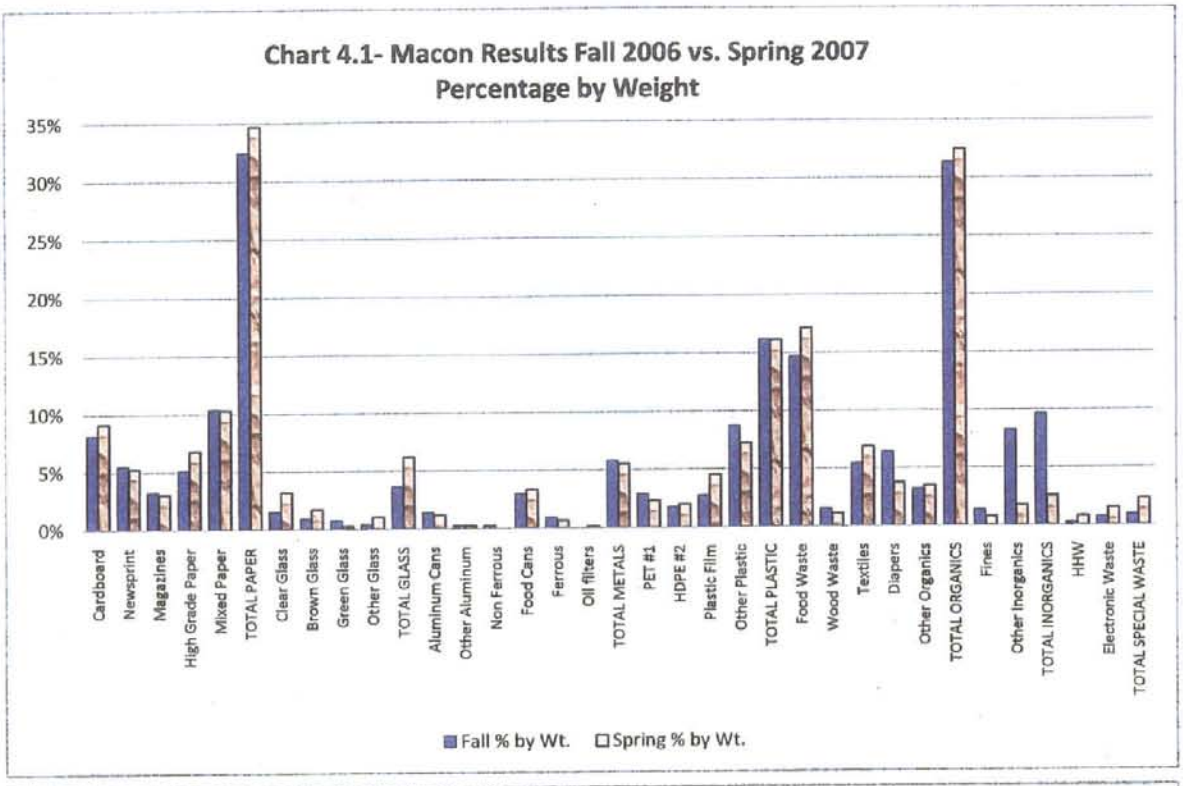
Chart 4.1- Macon Results Fall 2006 vs. Spring 2007
Percentage by Weight
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
Ferrous
Oil filters
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
Fall % by Wt.
Spring % by Wt.

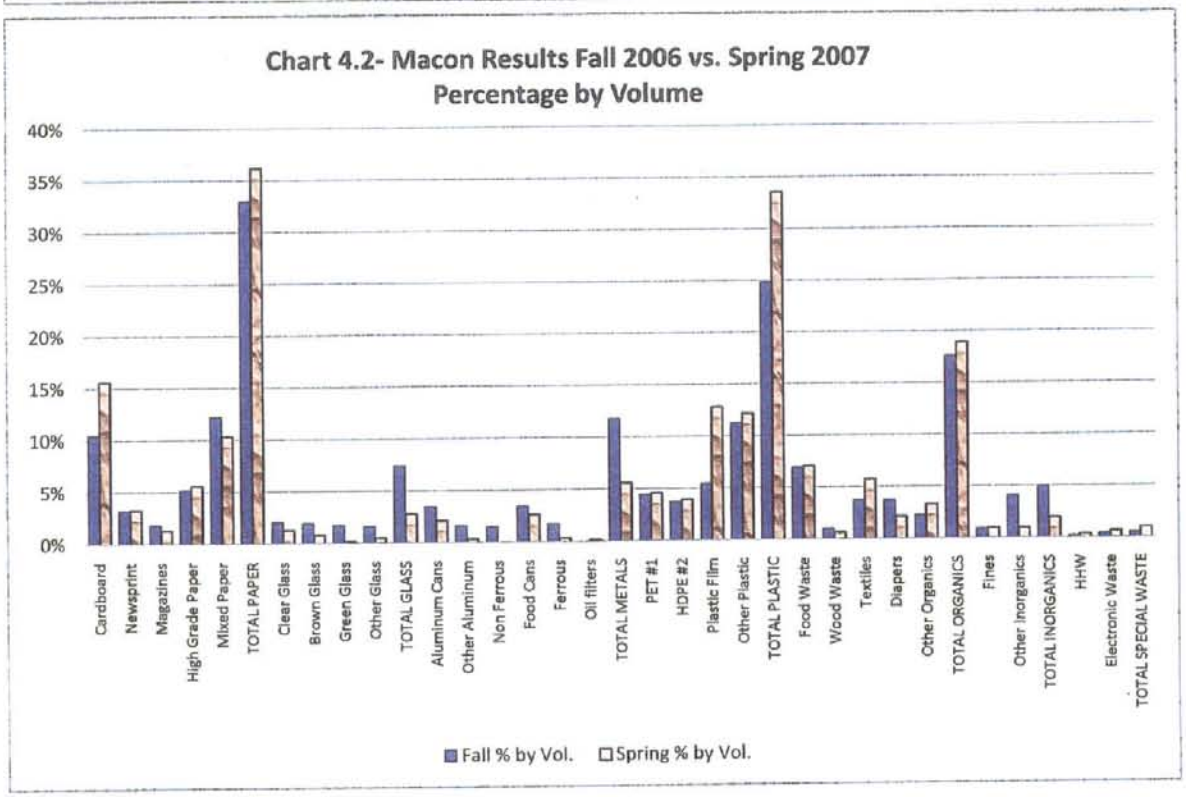
Chart 4.2- Macon Results Fall 2006 vs. Spring 2007
Percentage by Volume
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
Ferrous
Oil filters
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
Fall % by Vol.
Spring % by Vol.

Table 4.4 - Waste Composition Summary and Comparison for Maple Hill Landfill at Macon 1996-1997 to 2006-2007

	Fall Sort - 10/11-10/12/06				Spring Sort - 6/12-6/13/07				Total 2006-2007 Sort 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	180	8.2%	2.13	10.5%	186	9.2%	2.38	15.6%	366	8.7%	4.50	12.70%	7.40%	8.67%	1.3%
Newsprint	121	5.5%	0.65	3.2%	107	5.3%	0.50	3.3%	228	5.4%	1.15	3.25%	5.80%	5.40%	-0.4%
Magazines	71	3.2%	0.38	1.9%	62	3.1%	0.20	1.3%	133	3.2%	0.58	1.62%	3.70%	3.15%	-0.5%
High Grade Paper	113	5.1%	1.05	5.2%	138	6.8%	0.85	5.6%	251	5.9%	1.90	5.36%	4.80%	5.95%	1.1%
Mixed Paper	228	10.4%	2.48	12.2%	209	10.3%	1.58	10.4%	437	10.4%	4.05	11.43%	15.60%	10.35%	-5.2%
TOTAL PAPER	**713**	**32.4%**	**6.68**	**33.0%**	**702**	**34.7%**	**5.50**	**36.2%**	**1,415**	**33.5%**	**12.18**	**34.37%**	**37.30%**	**33.51%**	**-3.8%**
Clear Glass	34	1.5%	0.43	2.1%	65	3.2%	0.20	1.3%	99	2.3%	0.63	1.76%	2.60%	2.34%	-0.3%
Brown Glass	20	0.9%	0.40	2.0%	35	1.7%	0.13	0.8%	55	1.3%	0.53	1.48%	1.30%	1.30%	0.0%
Green Glass	17	0.8%	0.35	1.7%	5	0.2%	0.03	0.2%	22	0.5%	0.38	1.06%	0.40%	0.52%	0.1%
Other Glass	9	0.4%	0.33	1.6%	21	1.0%	0.08	0.5%	30	0.7%	0.40	1.13%	0.90%	0.71%	-0.2%
TOTAL GLASS	**80**	**3.6%**	**1.50**	**7.4%**	**126**	**6.2%**	**0.43**	**2.8%**	**206**	**4.9%**	**1.93**	**5.43%**	**5.20%**	**4.88%**	**-0.3%**
Aluminum Cans	31	1.4%	0.70	3.5%	24	1.2%	0.33	2.1%	55	1.3%	1.03	2.89%	1.70%	1.30%	-0.4%
Other Aluminum	6	0.3%	0.33	1.6%	5	0.2%	0.05	0.3%	11	0.3%	0.38	1.06%	0.80%	0.26%	-0.5%
Non Ferrous	5	0.2%	0.30	1.5%	-	0.0%	-	0.0%	5	0.1%	0.30	0.85%	0.30%	0.12%	-0.2%
Food Cans	65	3.0%	0.70	3.5%	68	3.4%	0.40	2.6%	133	3.2%	1.10	3.11%	3.00%	3.15%	0.2%
Ferrous	20	0.9%	0.35	1.7%	13	0.6%	0.05	0.3%	33	0.8%	0.40	1.13%	1.10%	0.78%	-0.3%
Oil filters	-	0.0%	-	0.0%	2	0.1%	0.03	0.2%	2	0.0%	0.03	0.07%	0.00%	0.05%	0.0%
TOTAL METALS	**127**	**5.8%**	**2.38**	**11.7%**	**112**	**5.5%**	**0.85**	**5.6%**	**239**	**5.7%**	**3.23**	**9.10%**	**6.90%**	**5.66%**	**-1.2%**
PET #1	64	2.9%	0.90	4.4%	47	2.3%	0.70	4.6%	111	2.6%	1.60	4.52%	1.80%	2.63%	0.8%
HDPE #2	38	1.7%	0.75	3.7%	41	2.0%	0.60	3.9%	79	1.9%	1.35	3.81%	1.90%	1.87%	0.0%
Plastic Film	61	2.8%	1.10	5.4%	92	4.5%	1.95	12.8%	153	3.6%	3.05	8.61%	3.10%	3.62%	0.5%
Other Plastic	193	8.8%	2.28	11.2%	147	7.3%	1.85	12.2%	340	8.1%	4.13	11.64%	8.30%	8.05%	-0.2%
TOTAL PLASTIC	**356**	**16.2%**	**5.03**	**24.8%**	**327**	**16.2%**	**5.10**	**33.6%**	**683**	**16.2%**	**10.13**	**28.58%**	**15.10%**	**16.18%**	**1.1%**
Food Waste	324	14.7%	1.40	6.9%	347	17.2%	1.08	7.1%	671	15.9%	2.48	6.99%	18.00%	15.89%	-2.1%
Wood Waste	34	1.5%	0.20	1.0%	23	1.1%	0.10	0.7%	57	1.4%	0.30	0.85%	0.90%	1.35%	0.5%
Textiles	119	5.4%	0.75	3.7%	140	6.9%	0.88	5.8%	259	6.1%	1.63	4.59%	5.60%	6.13%	0.5%
Diapers	142	6.5%	0.75	3.7%	76	3.8%	0.33	2.1%	218	5.2%	1.08	3.03%	5.00%	5.16%	0.2%
Other Organics	70	3.2%	0.45	2.2%	71	3.5%	0.50	3.3%	141	3.3%	0.95	2.68%	2.90%	3.34%	0.4%
TOTAL ORGANICS	**689**	**31.3%**	**3.55**	**17.6%**	**657**	**32.5%**	**2.88**	**18.9%**	**1,346**	**31.9%**	**6.43**	**18.14%**	**32.40%**	**31.88%**	**-0.5%**
Fines	31	1.4%	0.18	0.9%	16	0.8%	0.15	1.0%	47	1.1%	0.33	0.92%	1.70%	1.11%	-0.6%
Other Inorganics	182	8.3%	0.83	4.1%	36	1.8%	0.15	1.0%	218	5.2%	0.98	2.75%	1.40%	5.16%	3.8%
TOTAL INORGANICS	**213**	**9.7%**	**1.00**	**4.9%**	**52**	**2.6%**	**0.30**	**2.0%**	**265**	**6.3%**	**1.30**	**3.67%**	**3.10%**	**6.28%**	**3.2%**
HHW	5	0.2%	0.03	0.1%	16	0.8%	0.05	0.3%	21	0.5%	0.08	0.21%	n/a	0.50%	0.5%
Electronic Waste	16	0.7%	0.08	0.4%	31	1.5%	0.10	0.7%	47	1.1%	0.18	0.49%	n/a	1.11%	1.1%
TOTAL SPECIAL WASTE	**21**	**1.0%**	**0.10**	**0.5%**	**47**	**2.3%**	**0.15**	**1.0%**	**68**	**1.6%**	**0.25**	**0.71%**		**1.61%**	**1.6%**
TOTAL COMPOSITION	**2,199**	**100%**	**20.23**	**100%**	**2,023**	**100%**	**15.20**	**100%**	**4,222**	**100%**	**35.4**	**100%**	**100%**	**100%**	**0%**

Table 4.5 - Waste Composition Summary and Comparison Maple Hill (Macon) Landfill Site to 2006-2007 Overall Average

	Fall Sort - 10/11-10/12/06				Spring Sort - 6/12-6/13/07				Total 2006-2007 Results for Site				Avg. All Sites	Macon	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	180	8.2%	2.125	10.5%	186	9.2%	2.38	15.6%	366	8.7%	4.50	12.70%	8.20%	8.67%	0.5%
Newsprint	121	5.5%	0.650	3.2%	107	5.3%	0.50	3.3%	228	5.4%	1.15	3.25%	5.17%	5.40%	0.2%
Magazines	71	3.2%	0.375	1.9%	62	3.1%	0.20	1.3%	133	3.2%	0.58	1.62%	3.66%	3.15%	-0.5%
High Grade Paper	113	5.1%	1.050	5.2%	138	6.8%	0.85	5.6%	251	5.9%	1.90	5.36%	6.40%	5.95%	-0.5%
Mixed Paper	228	10.4%	2.475	12.2%	209	10.3%	1.58	10.4%	437	10.4%	4.05	11.43%	10.20%	10.35%	0.1%
TOTAL PAPER	**713**	**32.4%**	**6.675**	**33.0%**	**702**	**34.7%**	**5.50**	**36.2%**	**1,415**	**33.5%**	**12.18**	**34.37%**	**33.63%**	**33.51%**	**-0.1%**
Clear Glass	34	1.5%	0.425	2.1%	65	3.2%	0.20	1.3%	99	2.3%	0.63	1.76%	2.71%	2.34%	-0.4%
Brown Glass	20	0.9%	0.400	2.0%	35	1.7%	0.13	0.8%	55	1.3%	0.53	1.48%	1.77%	1.30%	-0.5%
Green Glass	17	0.8%	0.350	1.7%	5	0.2%	0.03	0.2%	22	0.5%	0.38	1.06%	0.63%	0.52%	-0.1%
Other Glass	9	0.4%	0.325	1.6%	21	1.0%	0.08	0.5%	30	0.7%	0.40	1.13%	0.32%	0.71%	0.4%
TOTAL GLASS	**80**	**3.6%**	**1.500**	**7.4%**	**126**	**6.2%**	**0.43**	**2.8%**	**206**	**4.9%**	**1.93**	**5.43%**	**5.44%**	**4.88%**	**-0.6%**
Aluminum Cans	31	1.4%	0.700	3.5%	24	1.2%	0.33	2.1%	55	1.3%	1.03	2.89%	1.59%	1.30%	-0.3%
Other Aluminum	6	0.3%	0.325	1.6%	5	0.2%	0.05	0.3%	11	0.3%	0.38	1.06%	0.34%	0.26%	-0.1%
Non Ferrous	5	0.2%	0.300	1.5%	-	0.0%	-	0.0%	5	0.1%	0.30	0.85%	0.23%	0.12%	-0.1%
Food Cans	65	3.0%	0.700	3.5%	68	3.4%	0.40	2.6%	133	3.2%	1.10	3.11%	2.93%	3.15%	0.2%
Ferrous	20	0.9%	0.350	1.7%	13	0.6%	0.05	0.3%	33	0.8%	0.40	1.13%	0.87%	0.78%	-0.1%
Oil filters	-	0.0%	-	0.0%	2	0.1%	0.03	0.2%	2	0.0%	0.03	0.07%	0.08%	0.05%	0.0%
TOTAL METALS	**127**	**5.8%**	**2.375**	**11.7%**	**112**	**5.5%**	**0.85**	**5.6%**	**239**	**5.7%**	**3.23**	**9.10%**	**6.04%**	**5.66%**	**-0.4%**
PET #1	64	2.9%	0.900	4.4%	47	2.3%	0.70	4.6%	111	2.6%	1.60	4.52%	2.55%	2.63%	0.1%
HDPE #2	38	1.7%	0.750	3.7%	41	2.0%	0.60	3.9%	79	1.9%	1.35	3.81%	1.90%	1.87%	0.0%
Plastic Film	61	2.8%	1.100	5.4%	92	4.5%	1.95	12.8%	153	3.6%	3.05	8.61%	4.82%	3.62%	-1.2%
Other Plastic	193	8.8%	2.275	11.2%	147	7.3%	1.85	12.2%	340	8.1%	4.13	11.64%	7.99%	8.05%	0.1%
TOTAL PLASTIC	**356**	**16.2%**	**5.025**	**24.8%**	**327**	**16.2%**	**5.10**	**33.6%**	**683**	**16.2%**	**10.13**	**28.58%**	**17.25%**	**16.18%**	**-1.1%**
Food Waste	324	14.7%	1.400	6.9%	347	17.2%	1.08	7.1%	671	15.9%	2.48	6.99%	17.22%	15.89%	-1.3%
Wood Waste	34	1.5%	0.200	1.0%	23	1.1%	0.10	0.7%	57	1.4%	0.30	0.85%	1.19%	1.35%	0.2%
Textiles	119	5.4%	0.750	3.7%	140	6.9%	0.88	5.8%	259	6.1%	1.63	4.59%	4.73%	6.13%	1.4%
Diapers	142	6.5%	0.750	3.7%	76	3.8%	0.33	2.1%	218	5.2%	1.08	3.03%	5.48%	5.16%	-0.3%
Other Organics	70	3.2%	0.450	2.2%	71	3.5%	0.50	3.3%	141	3.3%	0.95	2.68%	2.97%	3.34%	0.4%
TOTAL ORGANICS	**689**	**31.3%**	**3.550**	**17.6%**	**657**	**32.5%**	**2.88**	**18.9%**	**1,346**	**31.9%**	**6.43**	**18.14%**	**31.59%**	**31.88%**	**0.3%**
Fines	31	1.4%	0.175	0.9%	16	0.8%	0.15	1.0%	47	1.1%	0.33	0.92%	0.93%	1.11%	0.2%
Other Inorganics	182	8.3%	0.825	4.1%	36	1.8%	0.15	1.0%	218	5.2%	0.98	2.75%	3.21%	5.16%	2.0%
TOTAL INORGANICS	**213**	**9.7%**	**1.000**	**4.9%**	**52**	**2.6%**	**0.30**	**2.0%**	**265**	**6.3%**	**1.30**	**3.67%**	**4.14%**	**6.28%**	**2.1%**
HHW	5	0.2%	0.025	0.1%	16	0.8%	0.05	0.3%	21	0.5%	0.08	0.21%	0.92%	0.50%	-0.4%
Electronic Waste	16	0.7%	0.075	0.4%	31	1.5%	0.10	0.7%	47	1.1%	0.18	0.49%	0.99%	1.11%	0.1%
TOTAL SPECIAL WASTE	**21**	**1.0%**	**0.100**	**0.5%**	**47**	**2.3%**	**0.15**	**1.0%**	**68**	**1.6%**	**0.25**	**0.71%**	**1.91%**	**1.61%**	**-0.3%**
TOTAL COMPOSITION	**2,199**	**100%**	**20.2**	**100%**	**2,023**	**100%**	**15.20**	**100%**	**4,222**	**100%**	**35.4**	**100%**	**100%**	**100%**	**0%**

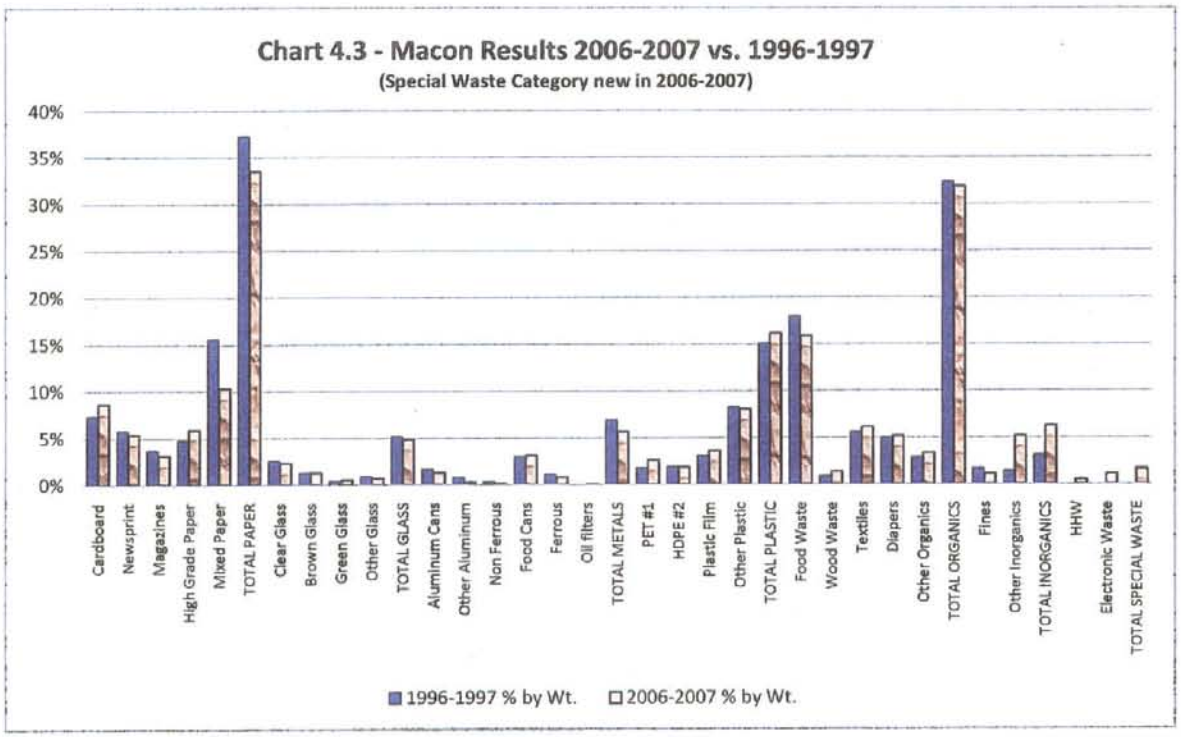
Chart 4.3 - Macon Results 2006-2007 vs. 1996-1997
(Special Waste Category new in 2006-2007)
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food 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.

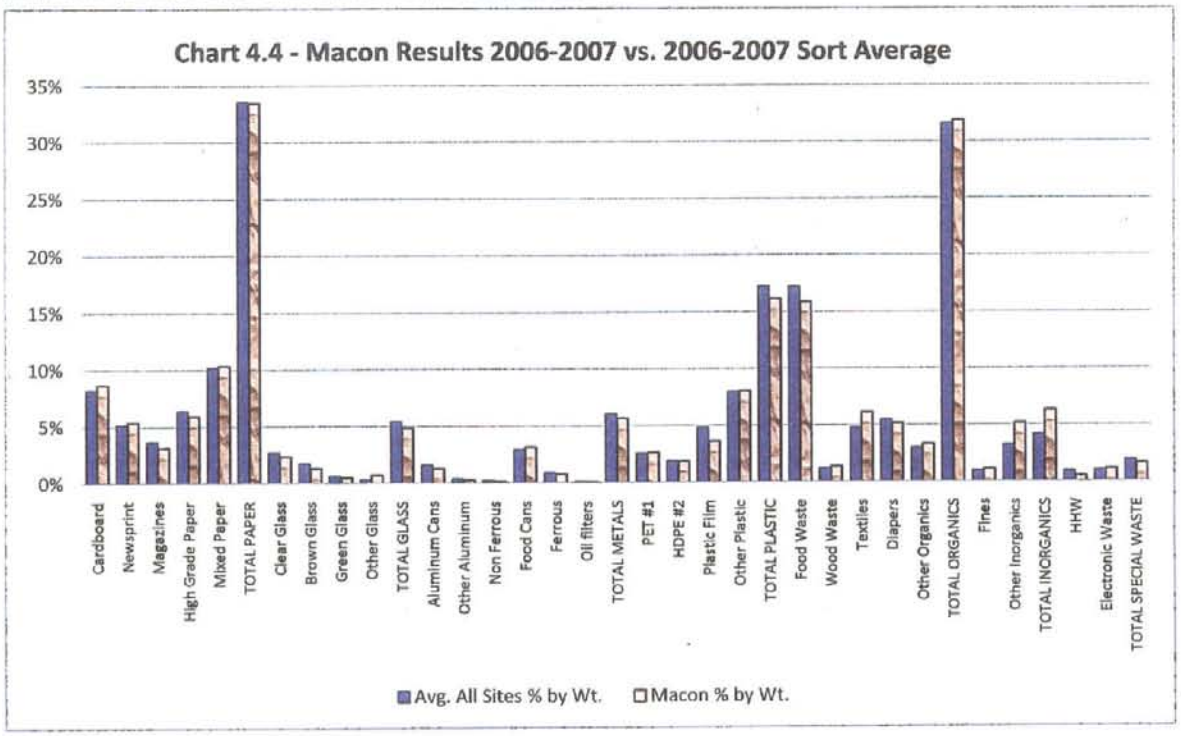
Chart 4.4 - Macon Results 2006-2007 vs. 2006-2007 Sort Average
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
Ferrous
Oil filters
TOTAL 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.
Macon % by Wt.

Table 4.6 - Special Waste Sorted at Maple Hill (Macon) Landfill

	Fall 2006	Spring 2007
ELECTRONICS		
Musical item (CD player, radio, boom box, etc.)		3
Small Appliances (toaster, clock, coffee maker, calculator/adding maching, elec. tooth brush, etc.)	2	5
TV, VCR, DVD player, Game Stations, etc.		1
Remote Control or Game Controller		2
Electronic Toy or Game		
Computer Hard Drive		
Computer Monitor		
Computer Keyboard		
Computer Mouse		2
Computer Printer	1	
Toner Cartridge		
Telephone/Answering Machine		2
Cell Phones, Chargers	1	2
HOUSEHOLD HAZARDOUS WASTE (Containers with Contents)		
Needles/Syringes	several	several
Paint, Thinner, etc.	1	2
Automotive Fluids (oil, fuel, starting fluid, etc.)	1	
Oil Filters		
Household Cleaners	1	
Yard & Garden Spray, Powder, etc.		
Insect & Animal Repellant Spray, Powder, Poison, etc.		
Over The Counter & Prescription Medicine	several	several
Beauty & Hygiene Products		several
Disposable Razors	several	several
Alkaline Batteries	28	33
Lithium & Other Batteries		
Smoke Alarm		
Weight of Batteries Reported by RBRC	16.7 oz.	26.7 oz.