Appendix 11

St. Francois County Transfer Station

APPENDIX 11 – ST. FRANCOIS COUNTY TRANSFER STATION

The St. Francois County Transfer Station is located near Park Hills, off Highway 8 east of Potosi and northwest of Farmington. St. Francois County is part of Solid Waste Management District R.

Demographics:

	Park Hills	St. Francois County
Population	7,712	55,641
Number of Households	3,205	20,788
Average Household Size	2.41	2.49
Median Household Income	$25,277	$31,199

Solid Waste Collection

Various haulers provide trash and recycling collection services in the area. St. Francois County Environmental Corporation operates collection trucks, as do several municipalities and private haulers.

Solid Waste Disposal

The St. Francois County Transfer Station is owned and operated by St. Francois County Environmental Corporation. The facility receives approximately 80 tons per day which is bulked and transported to Timber Ridge Landfill in Ridgewood. The current tipping fee is $60 per ton.

Waste Reduction, Recycling, and Recovery Programs

Recycling and yard waste are accepted at the transfer station. Several area communities have single stream programs which are bulked at the transfer station then shipped to Resource Management in Earth City. Alternately, residents may drop off recycling sorted into various commodities that are baled and marketed from the facility. Recycling processed through the transfer station has grown to over 4200 tons per year.

St. Francois County Transfer Station Sort Results

Sampling information and composition results are listed in Tables 11.1 through 11.6 and exhibited in Charts 11.1 through 11.4. Only six MSW loads arrived at the facility during the fall sort time frame, so the data is based on six sample loads rather than eight as in the other sort locations. No electronics were found during the fall sort. Nothing else extraordinary was noted during either the fall or spring sorts at the St. Francois County Transfer Station. Categories showing the greatest difference in sort results when compared to the 1996-1997 WCS were Plastic (4.5% more), Metals (2.3% less), and Glass (2% less).

When compared to the overall 2006-2007 sort average, there is very little variance with Plastics being the greatest at 1.3% more. Compared to the other sites sampled in the 2006-2007 WCS, St. Francois County had the highest percentage by weight in the Other Plastic(9.63) and Food Waste(20.64) subcategories while having the lowest percentage by weight of Green Glass(.26), Aluminum Cans(1.22), and the lowest percentage by volume of Clear Glass(.93), Brown Glass(.97), Green Glass(.23), Total Glass(2.4), Aluminum Cans(2.18), Diapers(2.26), Other Inorganics(.93), and Household Hazardous Waste(.16) categories and/or subcategories.

Table 11.1 - Sample Summary - St. Francois County Transfer Station

Fall 2006	Sample Size		Composition		Collection
Sample #	**Weight(lbs)**	**Volume(cy)**	**Res.**	**Comm.**	**Location**
1	200	1.4	85%	15%	Farmington & Park Hills
2	226	1.6	80%	20%	Farmington
3	208	1.9	90%	10%	Desloge
4	330	2.4	100%	0%	Park Hills
5	195	1.6	90%	10%	Farmington
6	243	2.4	80%	20%	Farmington
7	n/a	n/a			
8	n/a	n/a			
Total Fall	**1402**	**11.3**			
Average	**175**	**1.4**	**66%**	**34%**	
Spring 2007	**Sample Size**		**Composition**		**Collection**
Sample #	**Weight(lbs)**	**Volume(cy)**	**Res.**	**Comm.**	**Location**
1	315	2.5	100%	0%	East Desloge
2	297	2.8	95%	5%	Farmington
3	278	2.4	90%	10%	Desloge
4	282	2.4	100%	0%	Iron Mtn. Lake
5	283	2.9	95%	5%	Park Hills
6	377	2.5	90%	10%	Park Hills
7	280	2.5	100%	0%	Desloge
8	337	3.1	100%	0%	Rural Washington County
Total Spring	**2449**	**20.9**			
Average	**306**	**2.6**	**96%**	**4%**	
Site Total	**3851**	**32.1**			
Average	**241**	**2.0**	**81%**	**7%**	
Estimated Waste (lbs.) Accepted at Site During Sample Periods					**480,000**

Table 11.2 - St. Francois County Transfer Station Fall 2006 Sort Results

	WT.(lbs.)	Avg.Wt.Per Load	% by Wt.	VOL.(c.y.)	Avg.Vol.Per Load	% by Vol.
Cardboard	82	13.7	5.8%	1.2	0.15	10.7%
Newsprint	140	23.3	10.0%	0.85	0.106	7.6%
Magazines	71	11.8	5.1%	0.25	0.031	2.2%
High Grade Paper	96	16.0	6.8%	0.575	0.072	5.1%
Mixed Paper	203	33.8	14.5%	1.475	0.184	13.1%
PAPER TOTALS	592	98.7	42.2%	4.35	0.544	38.6%
Clear Glass	32	5.3	2.3%	0.1	0.013	0.9%
Brown Glass	20	3.3	1.4%	0.11	0.014	1.0%
Green Glass	5	0.8	0.4%	0.025	0.003	0.2%
Other Glass	1	0.2	0.1%	0.01	0.001	0.1%
GLASS TOTALS	58	9.7	4.1%	0.245	0.031	2.2%
Aluminum Cans	17	2.8	1.2%	0.35	0.044	3.1%
Other Aluminum	1	0.2	0.1%	0.05	0.006	0.4%
Non Ferrous	0	0.0	0.0%	0	0.000	0.0%
Food Cans	37	6.2	2.6%	0.35	0.044	3.1%
Ferrous	1	0.2	0.1%	0.01	0.001	0.1%
Oil filters	0	0.0	0.0%	0	0.000	0.0%
METAL TOTALS	56	9.3	4.0%	0.76	0.095	6.8%
PET #1	34	5.7	2.4%	0.75	0.094	6.7%
HDPE #2	19	3.2	1.4%	0.5	0.063	4.4%
Plastic Film	39	6.5	2.8%	0.825	0.103	7.3%
Other Plastic	180	30.0	12.8%	1.85	0.231	16.4%
PLASTIC TOTALS	272	45.3	19.4%	3.925	0.491	34.9%
Food Waste	228	38.0	16.3%	0.85	0.106	7.6%
Wood Waste	4	0.7	0.3%	0.025	0.003	0.2%
Textiles	22	3.7	1.6%	0.2	0.025	1.8%
Diapers	89	14.8	6.3%	0.325	0.041	2.9%
Other Organics	22	3.7	1.6%	0.225	0.028	2.0%
ORGANIC TOTALS	365	60.8	26.0%	1.625	0.203	14.4%
Fines	45	7.5	3.2%	0.275	0.034	2.4%
Other Inorganics	6	1.0	0.4%	0.05	0.006	0.4%
INORGANIC TOTALS	51	8.5	3.6%	0.325	0.041	2.9%
HHW	8	1.3	0.6%	0.025	0.003	0.2%
Electronic Waste	0	0.0	0.0%	0	0.000	0.0%
SPECIAL WASTE TOTALS	8	1.3	0.6%	0.025	0.003	0.2%
TOTAL	**1402**	**233.7**	**100%**	**11.255**	**1.876**	**100%**

Table 11.3 - St. Francois County Transfer Station Spring 2007 Sort Results

	WT.(lbs.)	Avg.Wt.Per Load	% by Wt.	VOL.(c.y.)	Avg.Vol.Per Load	% by Vol.
Cardboard	215	26.9	8.8%	3.125	0.391	15.0%
Newsprint	67	8.4	2.7%	0.4	0.050	1.9%
Magazines	52	6.5	2.1%	0.175	0.022	0.8%
High Grade Paper	119	14.9	4.9%	1.25	0.156	6.0%
Mixed Paper	242	30.3	9.9%	2.575	0.322	12.4%
PAPER TOTALS	695	86.9	28.4%	7.525	0.941	36.1%
Clear Glass	63	7.9	2.6%	0.2	0.025	1.0%
Brown Glass	38	4.8	1.6%	0.2	0.025	1.0%
Green Glass	5	0.6	0.2%	0.05	0.006	0.2%
Other Glass	9	1.1	0.4%	0.075	0.009	0.4%
GLASS TOTALS	115	14.4	4.7%	0.525	0.066	2.5%
Aluminum Cans	30	3.8	1.2%	0.35	0.044	1.7%
Other Aluminum	12	1.5	0.5%	0.225	0.028	1.1%
Non Ferrous	6	0.8	0.2%	0.075	0.009	0.4%
Food Cans	99	12.4	4.0%	0.525	0.066	2.5%
Ferrous	14	1.8	0.6%	0.1	0.013	0.5%
Oil filters	0	0.0	0.0%	0	0.000	0.0%
METAL TOTALS	161	20.1	6.6%	1.275	0.159	6.1%
PET #1	67	8.4	2.7%	1	0.125	4.8%
HDPE #2	59	7.4	2.4%	0.975	0.122	4.7%
Plastic Film	126	15.8	5.1%	2.325	0.291	11.2%
Other Plastic	191	23.9	7.8%	2.7	0.338	12.9%
PLASTIC TOTALS	443	55.4	18.1%	7	0.875	33.6%
Food Waste	567	70.9	23.2%	2.15	0.269	10.3%
Wood Waste	32	4.0	1.3%	0.175	0.022	0.8%
Textiles	136	17.0	5.6%	0.85	0.106	4.1%
Diapers	109	13.6	4.5%	0.4	0.050	1.9%
Other Organics	32	4.0	1.3%	0.225	0.028	1.1%
ORGANIC TOTALS	876	109.5	35.8%	3.8	0.475	18.2%
Fines	18	2.3	0.7%	0.175	0.022	0.8%
Other Inorganics	83	10.4	3.4%	0.25	0.031	1.2%
INORGANIC TOTALS	101	12.6	4.1%	0.425	0.053	2.0%
HHW	30	3.8	1.2%	0.15	0.019	0.7%
Electronic Waste	28	3.5	1.1%	0.15	0.019	0.7%
SPECIAL WASTE TOTALS	58	7.3	2.4%	0.3	0.038	1.4%
TOTAL	**2449**	**306.1**	**100%**	**20.85**	**2.606**	**100%**

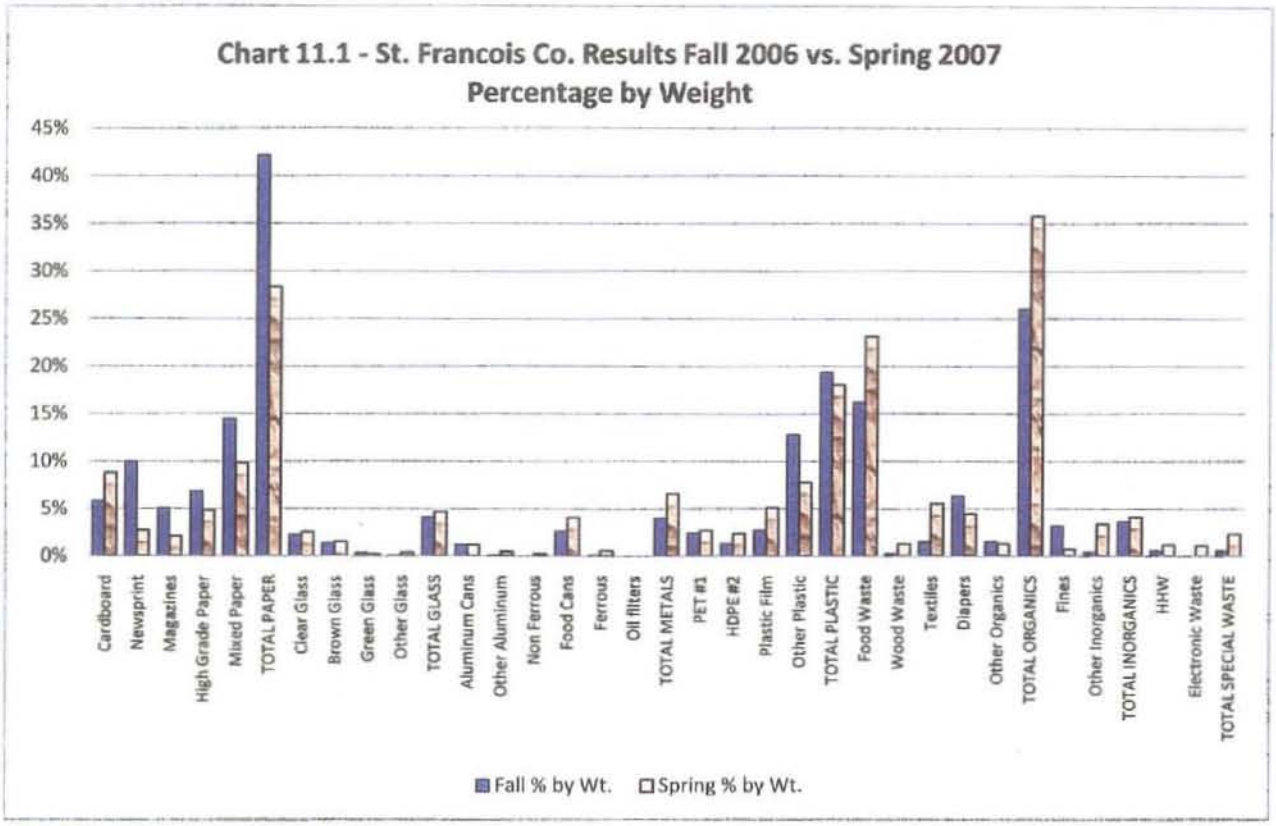
Chart 11.1 - St. Francois Co. Results Fall 2006 vs. Spring 2007
Percentage by Weight
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
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.

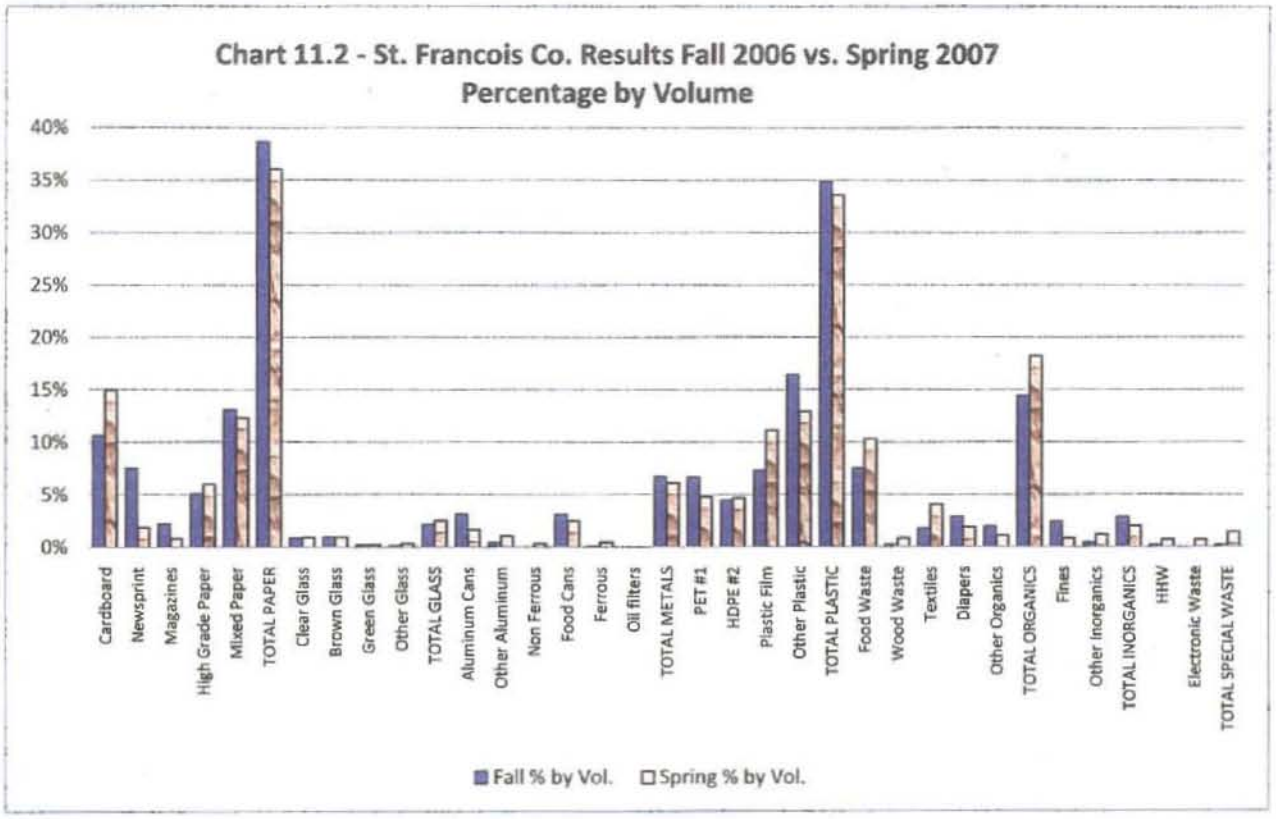
Chart 11.2 - St. Francois Co. Results Fall 2006 vs. Spring 2007
Percentage by Volume
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
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 11.4 - Waste Composition Summary and Comparison
St. Francois County Transfer Station 1996-1997 to 2006-2007

	Fall Sort - 9/28-9/29/06				Spring Sort - 4/16-4/17/07				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	82	5.8%	1.200	10.7%	215	8.8%	3.13	15.0%	297	7.71%	4.33	13.47%	6.9%	7.7%	0.8%
Newsprint	140	10.0%	0.850	7.6%	67	2.7%	0.40	1.9%	207	5.38%	1.25	3.89%	6.6%	5.4%	-1.2%
Magazines	71	5.1%	0.250	2.2%	52	2.1%	0.18	0.8%	123	3.19%	0.43	1.32%	3.9%	3.2%	-0.7%
High Grade Paper	96	6.8%	0.575	5.1%	119	4.9%	1.25	6.0%	215	5.58%	1.83	5.68%	2.8%	5.6%	2.8%
Mixed Paper	203	14.5%	1.475	13.1%	242	9.9%	2.58	12.4%	445	11.56%	4.05	12.61%	14.7%	11.6%	-3.1%
TOTAL PAPER	**592**	**42.2%**	**4.350**	**38.6%**	**695**	**28.4%**	**7.53**	**36.1%**	**1,287**	**33.42%**	**11.88**	**36.99%**	**34.9%**	**33.4%**	**-1.5%**
Clear Glass	32	2.3%	0.100	0.9%	63	2.6%	0.20	1.0%	95	2.47%	0.30	0.93%	3.9%	2.5%	-1.4%
Brown Glass	20	1.4%	0.110	1.0%	38	1.6%	0.20	1.0%	58	1.51%	0.31	0.97%	1.9%	1.5%	-0.4%
Green Glass	5	0.4%	0.025	0.2%	5	0.2%	0.05	0.2%	10	0.26%	0.08	0.23%	0.2%	0.3%	0.1%
Other Glass	1	0.1%	0.010	0.1%	9	0.4%	0.08	0.4%	10	0.26%	0.09	0.26%	0.5%	0.3%	-0.2%
TOTAL GLASS	**58**	**4.1%**	**0.245**	**2.2%**	**115**	**4.7%**	**0.53**	**2.5%**	**173**	**4.49%**	**0.77**	**2.40%**	**6.5%**	**4.5%**	**-2.0%**
Aluminum Cans	17	1.2%	0.350	3.1%	30	1.2%	0.35	1.7%	47	1.22%	0.70	2.18%	1.6%	1.2%	-0.4%
Other Aluminum	1	0.1%	0.050	0.4%	12	0.5%	0.23	1.1%	13	0.34%	0.28	0.86%	0.8%	0.3%	-0.5%
Non Ferrous	-	0.0%	-	0.0%	6	0.2%	0.08	0.4%	6	0.16%	0.08	0.23%	0.3%	0.2%	-0.1%
Food Cans	37	2.6%	0.350	3.1%	99	4.0%	0.53	2.5%	136	3.53%	0.88	2.73%	3.9%	3.5%	-0.4%
Ferrous	1	0.1%	0.010	0.1%	14	0.6%	0.10	0.5%	15	0.39%	0.11	0.34%	1.2%	0.4%	-0.8%
Oil filters	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.00%	-	0.00%	0.1%	0.0%	-0.1%
TOTAL METALS	**56**	**4.0%**	**0.760**	**6.8%**	**161**	**6.6%**	**1.28**	**6.1%**	**217**	**5.63%**	**2.04**	**6.34%**	**7.9%**	**5.6%**	**-2.3%**
PET #1	34	2.4%	0.750	6.7%	67	2.7%	1.00	4.8%	101	2.62%	1.75	5.45%	1.8%	2.6%	0.8%
HDPE #2	19	1.4%	0.500	4.4%	59	2.4%	0.98	4.7%	78	2.03%	1.48	4.59%	2.4%	2.0%	-0.4%
Plastic Film	39	2.8%	0.825	7.3%	126	5.1%	2.33	11.2%	165	4.28%	3.15	9.81%	3.3%	4.3%	1.0%
Other Plastic	180	12.8%	1.850	16.4%	191	7.8%	2.70	12.9%	371	9.63%	4.55	14.17%	6.6%	9.6%	3.0%
TOTAL PLASTIC	**272**	**19.4%**	**3.925**	**34.9%**	**443**	**18.1%**	**7.00**	**33.6%**	**715**	**18.57%**	**10.93**	**34.03%**	**14.1%**	**18.6%**	**4.5%**
Food Waste	228	16.3%	0.850	7.6%	567	23.2%	2.15	10.3%	795	20.64%	3.00	9.34%	17.9%	20.6%	2.7%
Wood Waste	4	0.3%	0.025	0.2%	32	1.3%	0.18	0.8%	36	0.93%	0.20	0.62%	0.7%	0.9%	0.2%
Textiles	22	1.6%	0.200	1.8%	136	5.6%	0.85	4.1%	158	4.10%	1.05	3.27%	6.1%	4.1%	-2.0%
Diapers	89	6.3%	0.325	2.9%	109	4.5%	0.40	1.9%	198	5.14%	0.73	2.26%	4.2%	5.1%	0.9%
Other Organics	22	1.6%	0.225	2.0%	32	1.3%	0.23	1.1%	54	1.40%	0.45	1.40%	2.7%	1.4%	-1.3%
TOTAL ORGANICS	**365**	**26.0%**	**1.625**	**14.4%**	**876**	**35.8%**	**3.80**	**18.2%**	**1,241**	**32.23%**	**5.43**	**16.90%**	**31.6%**	**32.2%**	**0.6%**
Fines	45	3.2%	0.275	2.4%	18	0.7%	0.18	0.8%	63	1.64%	0.45	1.40%	4.1%	1.6%	-2.5%
Other Inorganics	6	0.4%	0.050	0.4%	83	3.4%	0.25	1.2%	89	2.31%	0.30	0.93%	1.0%	2.3%	1.3%
TOTAL INORGANICS	**51**	**3.6%**	**0.325**	**2.9%**	**101**	**4.1%**	**0.43**	**2.0%**	**152**	**3.95%**	**0.75**	**2.34%**	**5.1%**	**3.9%**	**-1.2%**
HHW	8	0.6%	0.025	0.2%	30	1.2%	0.15	0.7%	38	0.99%	0.18	0.55%	n/a	1.0%	1.0%
Electronic Waste	-	0.0%	-	0.0%	28	1.1%	0.15	0.7%	28	0.73%	0.15	0.47%	n/a	0.7%	0.7%
TOTAL SPECIAL WASTE	**8**	**0.6%**	**0.025**	**0.2%**	**58**	**2.4%**	**0.30**	**1.4%**	**66**	**1.71%**	**0.33**	**1.01%**		**1.7%**	**1.7%**
TOTAL COMPOSITION	**1,402**	**100%**	**11.3**	**100%**	**2,449**	**100%**	**20.85**	**100%**	**3,851**	**100%**	**32.1**	**100%**	**100%**	**100%**	**0%**

Table 11.5 - Waste Composition Summary and Comparison St. Francois County Transfer Station Site to 2006-2007 Overall Average

	Fall Sort - 9/28-9/29/06				Spring Sort - 4/16-4/17/07				Total 2006-2007 Results for Site				Avg. All Sites	St. Fran. Co.	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	82	5.8%	1.200	10.7%	215	8.8%	3.13	15.0%	297	7.71%	4.33	13.47%	8.20%	7.71%	-0.5%
Newsprint	140	10.0%	0.850	7.6%	67	2.7%	0.40	1.9%	207	5.38%	1.25	3.89%	5.17%	5.38%	0.2%
Magazines	71	5.1%	0.250	2.2%	52	2.1%	0.18	0.8%	123	3.19%	0.43	1.32%	3.66%	3.19%	-0.5%
High Grade Paper	96	6.8%	0.575	5.1%	119	4.9%	1.25	6.0%	215	5.58%	1.83	5.68%	6.40%	5.58%	-0.8%
Mixed Paper	203	14.5%	1.475	13.1%	242	9.9%	2.58	12.4%	445	11.56%	4.05	12.61%	10.20%	11.56%	1.4%
TOTAL PAPER	**592**	**42.2%**	**4.350**	**38.6%**	**695**	**28.4%**	**7.53**	**36.1%**	**1,287**	**33.42%**	**11.88**	**36.99%**	**33.63%**	**33.42%**	**-0.2%**
Clear Glass	32	2.3%	0.100	0.9%	63	2.6%	0.20	1.0%	95	2.47%	0.30	0.93%	2.71%	2.47%	-0.2%
Brown Glass	20	1.4%	0.110	1.0%	38	1.6%	0.20	1.0%	58	1.51%	0.31	0.97%	1.77%	1.51%	-0.3%
Green Glass	5	0.4%	0.025	0.2%	5	0.2%	0.05	0.2%	10	0.26%	0.08	0.23%	0.63%	0.26%	-0.4%
Other Glass	1	0.1%	0.010	0.1%	9	0.4%	0.08	0.4%	10	0.26%	0.09	0.26%	0.32%	0.26%	-0.1%
TOTAL GLASS	**58**	**4.1%**	**0.245**	**2.2%**	**115**	**4.7%**	**0.53**	**2.5%**	**173**	**4.49%**	**0.77**	**2.40%**	**5.44%**	**4.49%**	**-0.9%**
Aluminum Cans	17	1.2%	0.350	3.1%	30	1.2%	0.35	1.7%	47	1.22%	0.70	2.18%	1.59%	1.22%	-0.4%
Other Aluminum	1	0.1%	0.050	0.4%	12	0.5%	0.23	1.1%	13	0.34%	0.28	0.86%	0.34%	0.34%	0.0%
Non Ferrous	-	0.0%	-	0.0%	6	0.2%	0.08	0.4%	6	0.16%	0.08	0.23%	0.23%	0.16%	-0.1%
Food Cans	37	2.6%	0.350	3.1%	99	4.0%	0.53	2.5%	136	3.53%	0.88	2.73%	2.93%	3.53%	0.6%
Ferrous	1	0.1%	0.010	0.1%	14	0.6%	0.10	0.5%	15	0.39%	0.11	0.34%	0.87%	0.39%	-0.5%
Oil filters	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.00%	-	0.00%	0.08%	0.00%	-0.1%
TOTAL METALS	**56**	**4.0%**	**0.760**	**6.8%**	**161**	**6.6%**	**1.28**	**6.1%**	**217**	**5.63%**	**2.04**	**6.34%**	**6.04%**	**5.63%**	**-0.4%**
PET #1	34	2.4%	0.750	6.7%	67	2.7%	1.00	4.8%	101	2.62%	1.75	5.45%	2.55%	2.62%	0.1%
HDPE #2	19	1.4%	0.500	4.4%	59	2.4%	0.98	4.7%	78	2.03%	1.48	4.59%	1.90%	2.03%	0.1%
Plastic Film	39	2.8%	0.825	7.3%	126	5.1%	2.33	11.2%	165	4.28%	3.15	9.81%	4.82%	4.28%	-0.5%
Other Plastic	180	12.8%	1.850	16.4%	191	7.8%	2.70	12.9%	371	9.63%	4.55	14.17%	7.99%	9.63%	1.6%
TOTAL PLASTIC	**272**	**19.4%**	**3.925**	**34.9%**	**443**	**18.1%**	**7.00**	**33.6%**	**715**	**18.57%**	**10.93**	**34.03%**	**17.25%**	**18.57%**	**1.3%**
Food Waste	228	16.3%	0.850	7.6%	567	23.2%	2.15	10.3%	795	20.64%	3.00	9.34%	17.22%	20.64%	3.4%
Wood Waste	4	0.3%	0.025	0.2%	32	1.3%	0.18	0.8%	36	0.93%	0.20	0.62%	1.19%	0.93%	-0.3%
Textiles	22	1.6%	0.200	1.8%	136	5.6%	0.85	4.1%	158	4.10%	1.05	3.27%	4.73%	4.10%	-0.6%
Diapers	89	6.3%	0.325	2.9%	109	4.5%	0.40	1.9%	198	5.14%	0.73	2.26%	5.48%	5.14%	-0.3%
Other Organics	22	1.6%	0.225	2.0%	32	1.3%	0.23	1.1%	54	1.40%	0.45	1.40%	2.97%	1.40%	-1.6%
TOTAL ORGANICS	**365**	**26.0%**	**1.625**	**14.4%**	**876**	**35.8%**	**3.80**	**18.2%**	**1,241**	**32.23%**	**5.43**	**16.90%**	**31.59%**	**32.23%**	**0.6%**
Fines	45	3.2%	0.275	2.4%	18	0.7%	0.18	0.8%	63	1.64%	0.45	1.40%	0.93%	1.64%	0.7%
Other Inorganics	6	0.4%	0.050	0.4%	83	3.4%	0.25	1.2%	89	2.31%	0.30	0.93%	3.21%	2.31%	-0.9%
TOTAL INORGANICS	**51**	**3.6%**	**0.325**	**2.9%**	**101**	**4.1%**	**0.43**	**2.0%**	**152**	**3.95%**	**0.75**	**2.34%**	**4.14%**	**3.95%**	**-0.2%**
HHW	8	0.6%	0.025	0.2%	30	1.2%	0.15	0.7%	38	0.99%	0.18	0.55%	0.92%	0.99%	0.1%
Electronic Waste	-	0.0%	-	0.0%	28	1.1%	0.15	0.7%	28	0.73%	0.15	0.47%	0.99%	0.73%	-0.3%
TOTAL SPECIAL WASTE	**8**	**0.6%**	**0.025**	**0.2%**	**58**	**2.4%**	**0.30**	**1.4%**	**66**	**1.71%**	**0.33**	**1.01%**	**1.91%**	**1.71%**	**-0.2%**
TOTAL COMPOSITION	**1,402**	**100%**	**11.3**	**100%**	**2,449**	**100%**	**20.85**	**100%**	**3,851**	**100%**	**32.1**	**100%**	**100%**	**100%**	**0%**

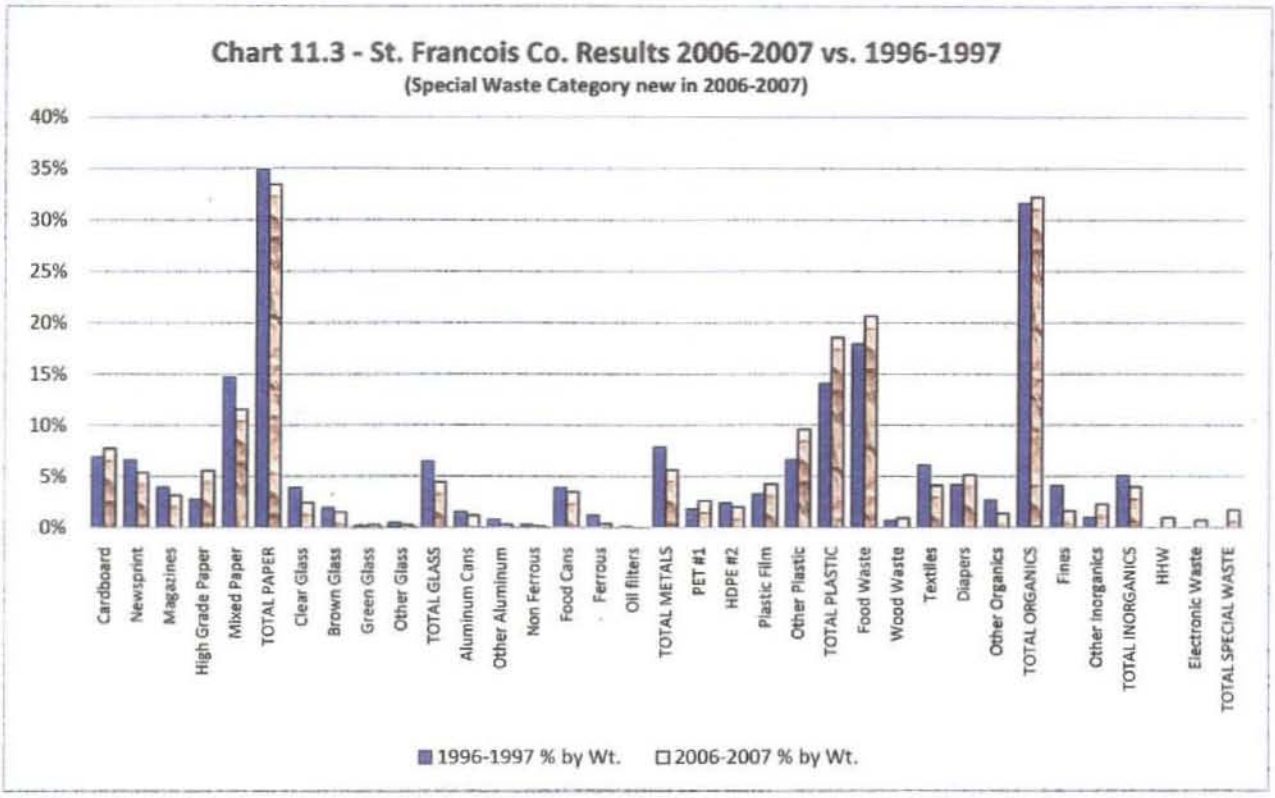
Chart 11.3 - St. Francois Co. Results 2006-2007 vs. 1996-1997
(Special Waste Category new in 2006-2007)
40%
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non 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.

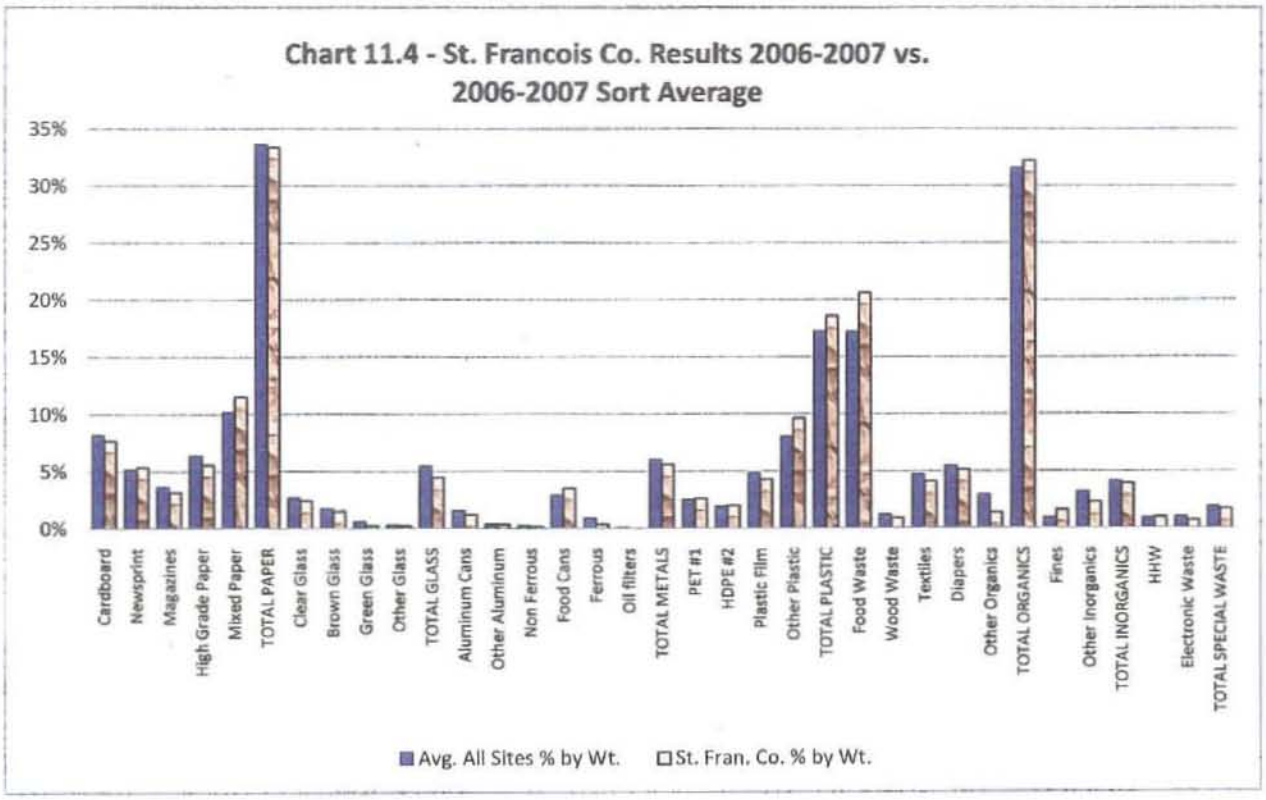
Chart 11.4 - St. Francois Co. Results 2006-2007 vs.
2006-2007 Sort Average
35%
30%
25%
20%
15%
10%
5%
0%
Cardboard
Newsprint
Magazines
High Grade Paper
Mixed Paper
TOTAL PAPER
Clear Glass
Brown Glass
Green Glass
Other Glass
TOTAL GLASS
Aluminum Cans
Other Aluminum
Non Ferrous
Food Cans
Ferrous
Oil filters
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.
St. Fran. Co. % by Wt.

Table 11.6 - Special Waste Sorted at St. Francois County Transfer Station

	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.)	1	2
TV, VCR, DVD player, Game Stations, etc.		
Remote Control or Game Controller		
Electronic Toy or Game		2
Computer Hard Drive		
Computer Monitor		
Computer Keyboard		
Computer Mouse		
Computer Printer		
Toner Cartridge	2	
Telephone/Answering Machine		
Cell Phones, Chargers		4
HOUSEHOLD HAZARDOUS WASTE (Containers with Contents)		
Needles/Syringes	several	several
Paint, Thinner, etc.		12
Automotive Fluids (oil, fuel, starting fluid, etc.)	1	
Oil Filters		
Household Cleaners		2
Yard & Garden Spray, Powder, etc.		
Insect & Animal Repellant Spray, Powder, Poison, etc.		
Over The Counter & Prescription Medicine	2	several
Beauty & Hygiene Products		2
Disposable Razors		
Alkaline Batteries	15	32
Lithium & Other Batteries		
Smoke Alarm		
Other		3 lighters

Weight of Batteries Reported by RBRC	29.8 oz.	70.7 oz.