

## Franchise-collected Multifamily Substream

The field crew hand sorted 93 samples from the City’s franchise-collected multifamily substream. The tonnage associated with this substream is shown in Table 21.

Table 21. Included Substream and Tons, Franchise-collected Multifamily

Included Substreams	Tons
Franchise Collected Multifamily	250,661
<b>Total Disposal in Substream</b>	<b>250,661</b>

### Key Findings

The key recoverability and material class findings for the multifamily substream are shown in Figure 22 and Figure 23, respectively. Approximately 79% of the multifamily substream is recoverable (42% is Compostable/Potentially Compostable, 21% is Recyclable, and 16% is Potentially Recoverable). **Organics** (43%) and **Paper** (22%) are the two most prevalent material classes.

Figure 22. Composition by Recoverability Group, Franchise-collected Multifamily

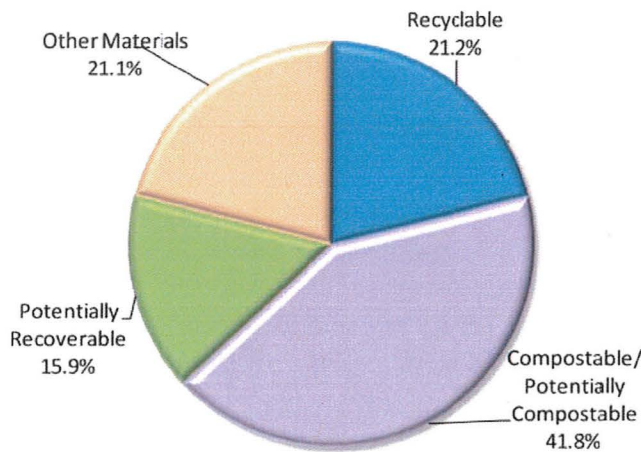
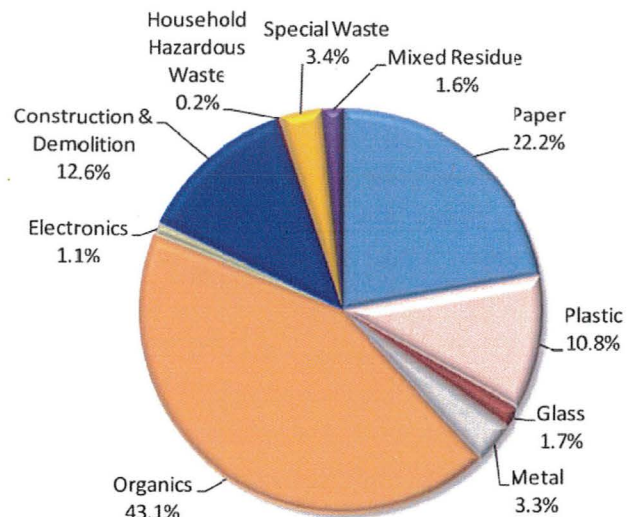


Figure 23. Composition by Material Class, Franchise-collected Multifamily



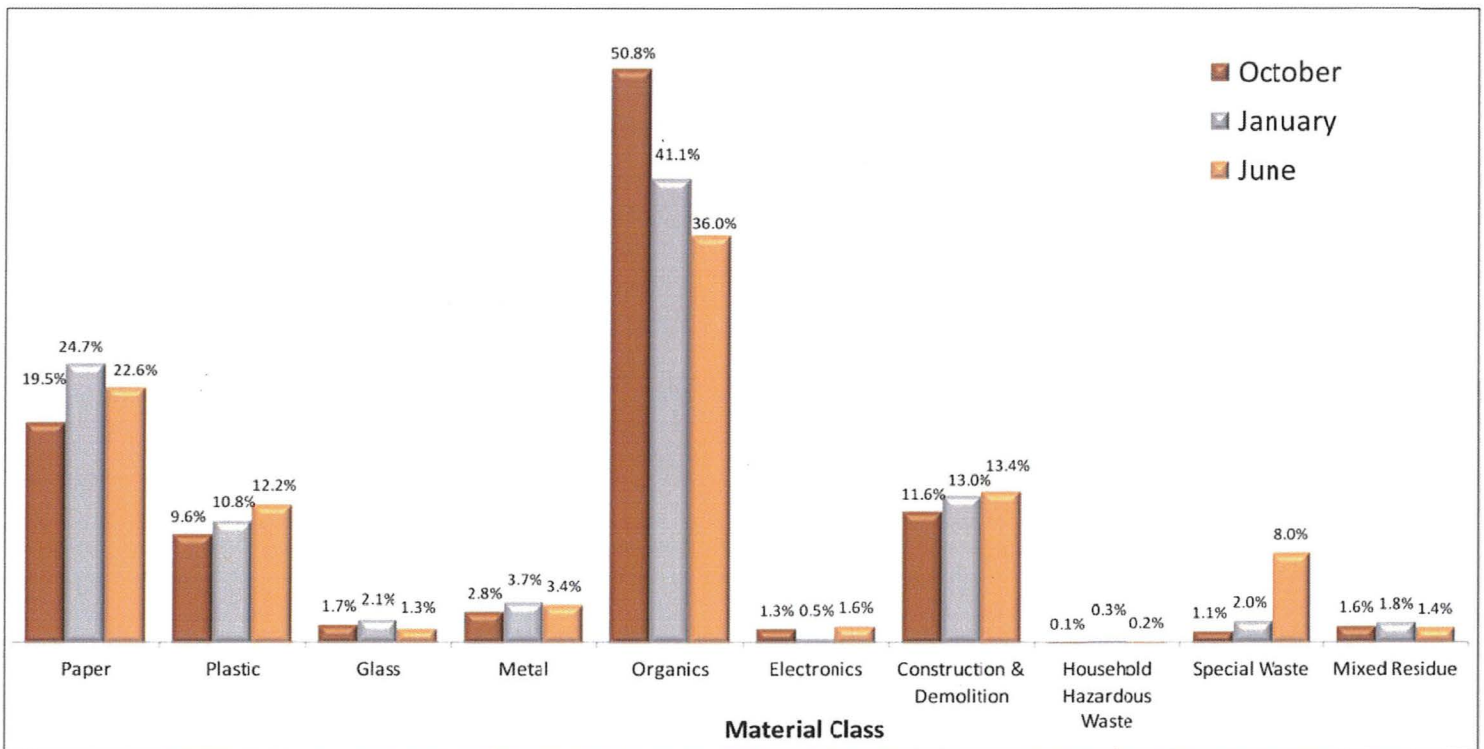
The ten most prevalent disposed materials can be found in Table 22. *Food* (20%), *leaves and grass* (7%), and *compostable/soiled paper* (7%) are the three most prevalent material types; together they represent approximately 34% of franchise-collected multifamily substream.

Table 22. Ten Most Prevalent Disposed Material Types, Franchise-collected Multifamily, 2012

Material Type	Estimated Percent	Cumulative Percent	Estimated Tons
Food	20.1%	20.1%	50,450
Leaves and Grass	7.0%	27.1%	17,539
Compostable/Soiled Paper	6.9%	34.0%	17,266
Uncoated Corrugated Cardboard	6.2%	40.2%	15,520
Textiles	4.1%	44.3%	10,319
Diapers	3.9%	48.2%	9,753
Mixed Waste Paper	3.8%	52.0%	9,553
Other Wood Waste	3.6%	55.7%	9,095
Prunings and Trimmings	3.1%	58.7%	7,712
Dirty Film Plastic	3.1%	61.8%	7,704
All other material types	38.2%		95,751
<b>Total</b>	<b>100.0%</b>		<b>250,661</b>

As illustrated in Figure 24, the prevalence of the **Organics** material class within the franchise-collected multifamily substream declined from October (51%) to June (36%).

Figure 24. Seasonal Composition by Material Class, Franchise-collected Multifamily, 2012



The detailed composition of the multifamily substream is shown in Table 23.

Table 23. Detailed Waste Composition, Franchise-collected Multifamily, 2012

Material	Estimated Percent	+ / -	Estimated Tons	Material	Estimated Percent	+ / -	Estimated Tons
<b>Paper</b>	<b>22.2%</b>		<b>55,761</b>	<b>Electronics</b>	<b>1.1%</b>		<b>2,728</b>
Uncoated Corrugated Cardboard	6.2%	1.1%	15,520	Brown Goods	0.5%	0.5%	1,376
Waxed Corrugated Cardboard	0.2%	0.1%	517	CRT	0.2%	0.3%	597
Paper Bags	0.5%	0.2%	1,270	Computer-Related Electronics	0.0%	0.0%	32
Newspaper	1.3%	0.3%	3,344	Other Consumer Electronics	0.3%	0.2%	724
White Ledger Paper	1.0%	0.3%	2,594	Video Display Devices (non-CRT devices)	0.0%	0.0%	0
Mixed Waste Paper	3.8%	0.4%	9,553				
Magazines	0.7%	0.2%	1,661	<b>Construction &amp; Demolition</b>	<b>12.6%</b>		<b>31,641</b>
Phone Books and Directories	0.1%	0.1%	254	Concrete	1.4%	1.0%	3,611
Compostable/Soiled Paper	6.9%	0.8%	17,266	Asphalt Paving	0.0%	0.0%	0
Aseptic/Milk Containers	0.2%	0.0%	409	Asphalt Composition Shingles	0.0%	0.0%	0
Remainder/Composite Paper	1.3%	0.4%	3,373	Roofing Tar Paper/Felt	0.0%	0.0%	0
				Roofing Mastic	0.0%	0.0%	0
<b>Plastic</b>	<b>10.8%</b>		<b>27,062</b>	Built-Up Roofing	0.0%	0.0%	0
CRV HDPE Containers	0.0%	0.0%	90	Other Asphalt Roofing Material	0.0%	0.1%	107
Non-CRV HDPE Containers	0.8%	0.2%	1,963	Clean Dimensional Lumber	0.6%	0.4%	1,592
CRV PETE Containers	0.3%	0.0%	766	Clean Engineered Wood	0.4%	0.3%	989
Non-CRV PETE Containers	0.4%	0.1%	900	Clean Pallets and Crates	0.6%	0.6%	1,584
Compostable Biodegradable Plastic Containers	0.0%	0.0%	23	Other Wood Waste	3.6%	1.2%	9,095
Miscellaneous Plastic Containers	0.8%	0.1%	1,901	Clean Gypsum Board	0.3%	0.3%	738
Plastic Grocery and Merchandise Bags	0.4%	0.1%	941	Painted/Demolition Gypsum Board	0.4%	0.4%	1,048
Clean Film Plastic	0.4%	0.2%	1,093	Carpet & Carpet Padding	2.5%	1.4%	6,299
Dirty Film Plastic	3.1%	0.4%	7,704	Rock, Soil and Fines	0.5%	0.2%	1,134
Durable Plastic Items	2.8%	0.7%	7,091	Contaminated Soil, Street Sweepings, Drain Cleaning	0.3%	0.4%	641
Expanded Polystyrene	0.6%	0.1%	1,383	Remainder/Composite C&D	1.9%	0.9%	4,802
Remainder/Composite Plastic	1.3%	0.5%	3,206				
				<b>Household Hazardous Waste</b>	<b>0.2%</b>		<b>428</b>
<b>Glass</b>	<b>1.7%</b>		<b>4,252</b>	Oil-Based Paint	0.0%	0.0%	0
CRV Clear Glass Bottles	0.3%	0.1%	658	Water-Based Paint	0.0%	0.0%	24
Non-CRV Clear Glass Bottles and Containers	0.5%	0.1%	1,373	Vehicle and Equipment Fluids	0.0%	0.0%	0
CRV Brown Glass Bottles	0.3%	0.1%	734	Used Oil	0.0%	0.0%	0
Non-CRV Brown Glass Bottles and Containers	0.0%	0.0%	109	Lead-Acid Batteries	0.0%	0.0%	0
CRV Other Colored Glass Bottles	0.1%	0.0%	211	Household Batteries	0.0%	0.0%	35
Non-CRV other Colored Glass Bottles and Containers	0.3%	0.1%	665	Sharps	0.0%	0.0%	2
Flat Glass	0.0%	0.0%	38	Pharmaceuticals	0.0%	0.0%	37
Remainder/Composite Glass	0.2%	0.1%	466	CFL, Fluorescent Tube and Other Mercury-Containing	0.0%	0.0%	3
				Remainder/Composite Household Hazardous	0.1%	0.1%	328
<b>Metal</b>	<b>3.3%</b>		<b>8,211</b>				
Tin/Steel Cans	0.6%	0.1%	1,493	<b>Special Waste</b>	<b>3.4%</b>		<b>8,598</b>
Major Appliances	0.0%	0.0%	67	Ash	0.0%	0.0%	0
Other Ferrous Metal	1.0%	0.3%	2,427	Sewage Solids	0.0%	0.0%	0
CRV Aluminum & Tin Cans	0.2%	0.0%	386	Industrial Sludge	0.0%	0.0%	0
Non-CRV Aluminum Cans	0.1%	0.1%	145	Treated Medical Waste	0.0%	0.0%	29
Used Oil Filters	0.0%	0.0%	0	Bulky Items	2.7%	1.1%	6,656
Other Non-Ferrous Metal	0.4%	0.2%	1,021	Tire	0.7%	0.5%	1,706
Remainder/Composite Metal	1.1%	0.4%	2,673	Remainder/Composite Special Waste	0.1%	0.1%	207
<b>Organics</b>	<b>43.1%</b>		<b>107,924</b>	<b>Mixed Residue</b>	<b>1.6%</b>		<b>4,055</b>
Food	20.1%	2.2%	50,450	Mixed Residue	1.6%	0.5%	4,055
Palm, Succulent, Coral Tree Leaves and Grass	2.7%	0.9%	6,891				
Prunings and Trimmings	7.0%	2.0%	17,539	<b>Total</b>	<b>100.0%</b>		<b>250,661</b>
Branches and Stumps	3.1%	1.3%	7,712	Curbside Residential Recycling Processing Residuals			0
Agricultural Crop Residues	0.4%	0.4%	1,121	C&D Processing Residuals			0
Grass Sod	0.0%	0.0%	3				
Manures	0.0%	0.1%	104	<b>Total Including Residuals</b>			<b>250,661</b>
Diapers	3.9%	0.9%	9,753				
Textiles	4.1%	0.8%	10,319	<b>Sample Count</b>			<b>93</b>
Remainder/Composite Organics	1.6%	0.4%	4,033				

Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.