

2014 City Recycling and Composting Programs - City of Lawrence Solid Waste Division

2014	single-stream collected (Deffenbaugh)	single-stream collected (City)	TONS SHIPPED PER MONTH					TOTAL recycling	yard waste collected	TOTAL recycling + yard waste
			cardboard	newspaper	mixed paper	office paper	glass			
January	182	0	122	35	21	0	84	443	67	509
February	156	0	103	21	19	18	113	431	30	461
March	154	0	101	19	38	0	112	425	863	1,288
April	155	0	148	18	41	0	77	439	1,033	1,473
May	174	0	107	21	40	0	83	425	966	1,392
June	157	0	165	17	21	0	137	497	1,240	1,736
July	118	0	103	38	39	0	114	412	1,295	1,707
August	106	0	147	16	36	0	87	393	842	1,235
September	98	0	125	17	37	20	0	298	824	1,122
October	0	332	158	21	25	0	153	689	923	1,613
November	0	402	107	22	22	1	29	582	942	1,524
December	0	493	143	15	32	0	84	767	660	1,427
	tons:	tons:	tons:	tons:	tons:	tons:	tons:	tons:	tons:	tons:
TOTAL	1,300	1,227	1,530	260	371	39	1,075	5,801	9,686	15,487
	single-stream	single-stream	cardboard	newspaper	mixed paper	office paper	glass	TOTAL	yard waste	TOTAL
Revenue	\$0	\$685	\$140,447	\$14,407	\$14,842	\$5,347	\$0	\$175,728	\$0	\$175,728

Single-stream collected by Deffenbaugh includes recyclable materials from residential (~4,500) and commercial (~150) customers.
Single-stream collected by City includes residential (all single-family and multi-family dwellings including apartments), City facilities, and 25 schools (public and private schools).

Note: Other community recycling data from recycling centers, universities, and businesses is not listed in this report but will be part of the 2014 Lawrence Community Recycling Report and will be part of the 2014 recycling rate calculation.

City Recycling (MRF) and Trash (Landfill) Tonnages

2013-2014	MRF tons 2014	MRF charges 2014	MRF rebate 2014	Landfill tons 2014	Landfill charges 2014	Landfill tons 2013	Landfill charges 2013
January	0	0	0	4,562	\$123,502	5,084	\$132,412
February	0	0	0	3,961	\$107,127	4,089	\$106,988
March	0	0	0	4,388	\$118,788	4,629	\$121,188
April	0	0	0	5,203	\$140,873	5,083	\$133,003
May	0	0	0	5,657	\$153,203	6,141	\$160,702
June	0	0	0	5,367	\$145,145	4,879	\$127,728
July	0	0	0	6,187	\$167,322	5,750	\$150,496
August	0	0	0	5,871	\$158,860	6,122	\$160,223
September	0	0	0	5,476	\$149,321	4,860	\$127,195
October	332	\$14,846	\$231	5,546	\$150,067	5,371	\$140,560
November	402	\$18,073	\$281	4,418	\$119,633	4,531	\$118,566
December	493	\$22,201	\$173	4,920	\$133,155	4,512	\$118,201
TOTAL	1,227	\$55,120	\$685	61,556	\$1,666,995	61,051	\$1,597,263

2014 process
fee \$45/ton

2014 tip fee
\$27.04/ton

2013 tip fee
\$26.16/ton

Per contract, the processing fee the City pays Hamm is \$45 per ton of single-stream recyclable material dropped off at the MRF. Hamm provides rebate to the City based upon the actual blended value per ton of recyclable materials delivered with process residue excluded. Calculations for 2014 were completed in accordance to the contract and its addendum. See October, November, and December 2014 rebate summaries attached.

MRF Rebate:

October 2014 = \$0.70 per ton

November 2014 = \$0.70 per ton

December 2014 = \$0.35 per ton

Note: October MRF tons include 2.03 tons of test-load material (no process fee / no rebate).

Note: Landfill tons includes trash from residential and commercial customers. Most of the trash is Municipal Solid Waste (MSW) although a portion of the trash is Construction and Demolition (C&D) Waste. C&D is not considered MSW by US EPA definition and does not count toward the MSW total used to calculate the community recycling rate.



Month of Service: October

Total Tons Received: 329.91

<u>Recyclable Materials - Actual Blended Value</u>	<u>%</u>	<u>Delivered Tons</u>	<u>Material Tonnage</u>	<u>Index Price</u>	<u>Value</u>
Cardboard - PPI Chicago/Midwest High Side - (#11) OCC	17.87%	329.91	58.95	\$ 75.00	\$4,421.62
Mix Paper - PPI Chicago/Midwest High Side - (#2) Mixed Paper	20.87%	329.91	68.85	\$ 40.00	\$2,754.09
News Paper - PPI Chicago/Midwest High Side - (#8) News	26.55%	329.91	87.59	\$ 55.00	\$4,817.51
Plastics Comingled - Waste News Chicago RL (Midwest Central U.S.A.) #1-7, Baled, Picked Up	9.33%	329.91	30.78	\$ 60.00	\$1,846.84
Tin Cans - Waste News Chicago RL (Midwest Central U.S.A.)	2.50%	329.91	8.25	\$ 110.00	\$907.25
Steel Cans (Sorted, Densified Delivered)					
Aluminum Cans - Waste News Chicago RL (Midwest Central U.S.A.) Aluminum Cans (Sorted Baled, Delivered)	0.45%	329.91	1.48	\$ 1,540.00	\$2,286.28
Mixed Glass - Area Market Sell Price with freight included	18.43%	329.91	60.80	\$ -	\$0.00
Non-Recyclables/Trash/Unacceptable Items	4.00%	329.91	13.20	\$ -	\$0.00
Total	100.0%	329.91	Gross Actual Blended Value:		\$17,033.58
			Actual Blended Value/Ton:		\$51.63

Contract Pricing Overview:

	<u>Tons</u>	<u>Unit Price</u>	<u>Amount</u>
City Rebate:	329.91	\$ 0.70	\$230.94
Processing Fee @ \$45.00/ton	329.91	\$ 45.00	\$14,845.95
Processing Fee Rejects Over 15% @ \$36.16/ton	0	36.16	\$0.00

Rejected Loads: None

Safety Issues/Incidents: None

Notes:

Summary of Marketed Materials: Newsprint, Mixed Paper, OCC, UBC, Steel Cans, Plastics #1-#7, 3 Mix Glass

Listing of major purchasers: Pratt, US Gypsum, Custom Polymers, Weyerhaeuser, International Paper, Alcoa, Tube City, KW Plastics, Batliner, Sonoco, Ripple Glass, Johns Manville



Month of Service: November

Total Tons Received: 401.63

<u>Recyclable Materials - Actual Blended Value</u>	<u>%</u>	<u>Delivered Tons</u>	<u>Material Tonnage</u>	<u>Index Price</u>	<u>Value</u>
Cardboard - PPI Chicago/Midwest High Side - (#11) OCC	17.87%	401.64	71.77	\$ 75.00	\$5,382.98
Mix Paper - PPI Chicago/Midwest High Side - (#2) Mixed Paper	20.87%	401.64	83.82	\$ 40.00	\$3,352.89
News Paper - PPI Chicago/Midwest High Side - (#8) News	26.55%	401.64	106.64	\$ 55.00	\$5,864.95
Plastics Comingled - Waste News Chicago RL (Midwest Central U.S.A.) #1-7, Baled, Picked Up	9.33%	401.64	37.47	\$ 60.00	\$2,248.38
Tin Cans - Waste News Chicago RL (Midwest Central U.S.A.) Steel Cans (Sorted, Densified Delivered)	2.50%	401.64	10.04	\$ 110.00	\$1,104.51
Aluminum Cans - Waste News Chicago RL (Midwest Central U.S.A.) Aluminum Cans (Sorted Baled, Delivered)	0.45%	401.64	1.81	\$ 1,540.00	\$2,783.37
Mixed Glass - Area Market Sell Price with freight included	18.43%	401.64	74.02	\$ -	\$0.00
Non-Recyclables/Trash/Unacceptable Items	4.00%	401.64	16.07	\$ -	\$0.00
Total	100.0%	401.64	Gross Actual Blended Value:		\$20,737.07
			Actual Blended Value/Ton:		\$51.63

Contract Pricing Overview:

	Tons	Unit Price	Amount
City Rebate:	401.63	\$ 0.70	\$281.14
Processing Fee @ \$45.00/ton	401.63	\$ 45.00	\$18,073.35
Processing Fee Rejects Over 15% @ \$36.16/ton	0	36.16	\$0.00

Notes:

Rejected Loads: None
Safety Issues/Incidents: None

Summary of Marketed Materials: Newsprint, Mixed Paper, OCC, UBC, Steel Cans, Plastics #1-#7, 3 Mix Glass

Listing of major purchasers: Pratt, US Gypsum, Custom Polymers, Weyerhaeuser, International Paper, Alcoa, Tube City, KW Plastics, Batliner, Sonoco, Ripple Glass, Johns Manville



Month of Service: December

Total Tons Received: 493.35

<u>Recyclable Materials - Actual Blended Value</u>	<u>%</u>	<u>Delivered Tons</u>	<u>Material Tonnage</u>	<u>Index Price</u>	<u>Value</u>
Cardboard - PPI Chicago/Midwest High Side - (#11) OCC	17.87%	493.35	88.16	\$ 70.00	\$6,171.32
Mix Paper - PPI Chicago/Midwest High Side - (#2) Mixed Paper	20.87%	493.35	102.96	\$ 40.00	\$4,118.49
News Paper - PPI Chicago/Midwest High Side - (#8) News	26.55%	493.35	130.98	\$ 55.00	\$7,204.14
Plastics Comingled - Waste News Chicago RL (Midwest Central U.S.A.) #1-7, Baled, Picked Up	9.33%	493.35	46.03	\$ 60.00	\$2,761.77
Tin Cans - Waste News Chicago RL (Midwest Central U.S.A.)	2.50%	493.35	12.33	\$ 110.00	\$1,356.71
Steel Cans (Sorted, Densified Delivered)					
Aluminum Cans - Waste News Chicago RL (Midwest Central U.S.A.) Aluminum Cans (Sorted Baled, Delivered)	0.45%	493.35	2.22	\$ 1,540.00	\$3,418.92
Mixed Glass - Area Market Sell Price with freight included	18.43%	493.35	90.92	\$ -	\$0.00
Non-Recyclables/Trash/Unacceptable Items	4.00%	493.35	19.73	\$ -	\$0.00
Total	100.0%	493.35	Gross Actual Blended Value:		\$25,031.35
			Actual Blended Value/Ton:		\$50.74

Contract Pricing Overview:

	Tons	Unit Price	Amount
City Rebate:	493.35	\$ 0.35	\$172.67
Processing Fee @ \$45.00/ton	493.35	\$ 45.00	\$22,200.75
Processing Fee Rejects Over 15% @ \$36.16/ton	0	36.16	\$0.00

Notes:

Rejected Loads: None
Safety Issues/Incidents: None

Summary of Marketed Materials: Newsprint, Mixed Paper, OCC, UBC, Steel Cans, Plastics #1-#7, 3 Mix Glass

Listing of major purchasers: Pratt, US Gypsum, Custom Polymers, Weyerhaeuser, International Paper, Alcoa, Tube City, KW Plastics, Batliner, Sonoco, Ripple Glass, Johns Manville