

Murrey's/American Disposal Co., Inc.
Commodity Credit Calculation
Deferred Accounting Methodology
Residential Curbside Recycling

6-Month Test Period True-Up - Effective September 1, 2018

Month	Number of Customers	Actual Revenue	
December 2017	54,818	38,969	(Includes \$45 Process Fee)
January 2018	57,344	(31,118)	(Includes \$45 Process Fee)
February	53,473	(31,041)	
March	63,309	(101,718)	
April	58,017	(110,641)	
May	58,593	(123,054)	
Total for Year	345,554	(358,603)	

Calculation of (Over) /Under Refunded for the 6 months ended 6.30.18

Per Cust Commodity Credit in Effect	Jan-Feb 18	1.05	
Per Cust Commodity Credit in Effect	Mar-June 18	0.20	
Total Customer Credits Paid 12/2017-5/2018			209,619
Amount due to/(from) Customer			(568,222)
6-Month Customer Count			345,554
True-up effective 9/1/18			(1.64)

6-Month Projection Period - Effective September 1, 2018

Month	Number of Customers	Projected Revenue	
January 2018	57,344	(89,757)	(Net of \$45 Process Fee)
February	53,473	(72,717)	(Net of \$45 Process Fee)
March	63,309	(101,718)	
April	58,017	(110,641)	
May	58,593	(123,054)	
June	58,813	(99,823)	
Total for Year	349,549	(597,710)	

Projection Effective 9/1/2018 (1.71)

Refund remaining for 18th Year 1st Half True-Up \$0.37
 Incorrect Customer Count 18th Year 1st Haf True-Up (0.05)

New Commodity Credit (3.03)

Murrey's/American Disposal Co., Inc.
Commodity Credit Calculation
Deferred Accounting Methodology
Multi-Family Container Recycling

6-Month Test Period True-Up - Effective September 1, 2018

Month	Number of Yards	Actual Revenue	
December 2017	7,119.96	2,275.48	(Includes \$45 Process Fee)
January 2018	7,531.91	(1,807.75)	(Includes \$45 Process Fee)
February	7,491.71	(2,206.26)	
March	7,826.29	(6,030.38)	
April	7,410.69	(6,612.80)	
May	7,491.32	(7,140.32)	
Total for Year	44,871.88	(21,522.04)	

Calculation of (Over) /Under Refunded for the 6 months ended 6.30.18

Per Cust Commodity Credit in Effect	Jan-Feb 18	0.48
Per Cust Commodity Credit in Effect	Mar-June 18	0.09
 Total Customer Credits Paid 12/2017-5/2018		 12,622.28
 Revenue available for Refund		 (34,144.32)
6-Month Customer Count		44,871.88
True-up effective 9/1/18		(0.76)

6-Month Projection Period - Effective September 1, 2018

Month	Number of Yards	Projected Revenue	
January 2018	7,531.91	(5,214.27)	(Net of \$45 Process Fee)
February	7,491.71	(5,168.44)	(Net of \$45 Process Fee)
March	7,826.29	(6,030.38)	
April	7,410.69	(6,612.80)	
May	7,491.32	(7,140.32)	
#REF!	7,486.90	(5,804.54)	
Total for Year	45,238.82	(35,970.76)	
Projection Effective 9/1/2018		(0.80)	
Refund remaining for 18th Year 1st Half True-Up		\$0.22	
New Commodity Credit		(1.34)	

Murrey's/American Disposal Co., Inc.
Commodity Credit Calculation
Deferred Accounting Methodology
Residential Curbside Recycling
After Eighteenth Year

Actual Commodity Tons and Prices

	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Mixed Plastics 3-7	#5 PP	MRP	ADC	Scrap Metal	Bale Waste	Box Waste	Contamination	Total
Tons																	
December 2017	338.40	295.80	398.74	15.38	35.50	42.60	10.65	16.56	5.92	-	-	-	-	-	-	23.66	1,183.21
January 2018	594.23	46.37	374.49	13.29	28.92	34.26	13.94	13.94	-	3.26	-	106.68	3.91	-	-	69.82	1,303.08
February	422.34	32.96	266.16	9.44	20.55	24.35	9.91	9.91	-	2.31	-	75.82	2.78	47.21	2.41	-	926.14
March	556.97	43.46	351.00	12.45	27.10	32.11	13.06	13.06	-	3.05	-	99.99	3.66	62.26	3.17	-	1,221.37
April	-	627.69	233.50	11.79	25.66	31.56	12.37	12.37	5.66	-	4.62	94.67	3.47	89.24	3.01	-	1,155.62
May	-	708.11	263.81	13.30	28.95	35.60	13.95	13.95	6.39	-	5.22	106.80	3.91	100.67	3.39	-	1,304.07
June	-	645.18	240.37	12.12	26.38	32.44	12.71	12.71	5.82	-	4.75	97.31	3.56	91.73	3.09	-	1,188.17
Total Tons	1,911.93	2,399.57	2,128.08	87.78	193.06	232.91	86.59	92.51	23.79	8.62	14.59	581.28	21.29	391.12	15.07	93.48	8,281.66

Commodity Mix	23%	29%	26%	1%	2%	3%	1%	1%	0%	0%	0%	7%	0%	5%	0%	1%	
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	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Mixed Plastics 3-7	#5 PP	MRP	ADC	Scrap Metal	Bale Waste	Box Waste	Contamination	Total
Price/Ton																	
December 2017	12.17	(67.83)	67.17	1,282.17	82.17	17.17	202.17	532.17	(157.83)	-	-	-	-	-	-	(222.83)	
January 2018	(89.78)	(89.78)	65.22	1,320.22	102.22	15.22	190.22	560.22	(159.78)	(19.78)	-	(120.78)	0.22	-	-	(237.16)	
February	(89.78)	(89.78)	10.22	1,320.22	97.22	25.22	240.22	540.22	(159.78)	(19.78)	-	(120.78)	0.22	(125.40)	(237.16)	-	
March	(142.78)	(142.78)	(46.78)	1,305.22	62.22	35.22	215.22	535.22	(204.78)	(64.78)	-	(165.78)	(44.78)	(170.40)	(282.16)	-	
April	(147.78)	(147.78)	(54.78)	1,305.22	72.22	45.22	245.22	555.22	(204.78)	-	(44.78)	(169.88)	(44.78)	(170.40)	(282.16)	-	
May	(144.78)	(144.78)	(54.78)	1,340.22	62.22	55.22	175.22	545.22	(174.78)	-	(34.78)	(169.88)	(44.78)	(170.40)	(282.16)	-	
June	(134.78)	(134.78)	(47.78)	1,475.22	57.22	95.22	205.22	605.22	(174.78)	-	(4.78)	(169.88)	(24.78)	(170.40)	(282.16)	-	

	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Mixed Plastics 3-7	#5 PP	MRP	ADC	Scrap Metal	Bale Waste	Box Waste	Contamination	Total
Commodity Value																	
December 2017	4,118.31	(20,064.30)	26,783.50	19,722.01	2,916.73	731.37	2,152.89	8,815.37	(933.73)	-	-	-	-	-	-	(5,273.10)	38,969.05
January 2018	(53,349.67)	(4,163.19)	24,423.93	17,540.55	2,955.87	521.40	2,651.17	7,807.99	-	(64.41)	-	(12,884.74)	0.86	-	-	(16,557.82)	(31,118.07)
February	(37,917.53)	(2,958.93)	2,720.16	12,466.70	1,998.08	614.05	2,379.57	5,351.30	-	(45.78)	-	(9,157.65)	0.61	(5,920.70)	(570.85)	-	(31,040.95)
March	(79,523.55)	(6,205.70)	(16,419.93)	16,253.88	1,686.38	1,130.88	2,811.51	6,991.80	-	(197.72)	-	(16,576.36)	(164.01)	(10,609.94)	(895.66)	-	(101,718.41)
April	-	(92,759.75)	(12,791.38)	15,389.62	1,853.34	1,427.04	3,033.08	6,867.41	(1,159.92)	-	(207.06)	(16,083.12)	(155.29)	(15,206.56)	(848.03)	-	(110,640.61)
May	-	(102,520.24)	(14,451.71)	17,826.97	1,801.29	1,965.89	2,444.94	7,607.76	(1,116.84)	-	(181.42)	(18,143.76)	(175.19)	(17,154.90)	(956.69)	-	(123,053.89)
June	-	(86,957.00)	(11,484.74)	17,878.71	1,509.32	3,088.66	2,609.05	7,694.43	(1,017.58)	-	(22.72)	(16,531.24)	(88.33)	(15,630.26)	(871.66)	-	(99,823.36)
Total Value	(166,672.44)	(315,629.11)	(1,220.17)	117,078.45	14,721.02	9,479.30	18,082.20	51,136.06	(4,228.06)	(307.91)	(411.20)	(89,376.87)	(581.35)	(64,522.35)	(4,142.89)	(21,830.91)	(458,426.24)

Projection @ Net

	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Mixed Plastics 3-7	#5 PP	MRP	ADC	Scrap Metal	Bale Waste	Box Waste	Contamination	Total
Price/Ton																	
January 2018	(134.78)	(134.78)	20.22	1,275.22	57.22	(29.78)	145.22	515.22	(204.78)	(64.78)	-	(165.78)	(44.78)	-	-	(282.16)	951.48
February	(134.78)	(134.78)	(34.78)	1,275.22	52.22	(19.78)	195.22	495.22	(204.78)	(64.78)	-	(165.78)	(44.78)	(170.40)	(282.16)	-	761.08
Commodity Value																	
January 2018	(80,089.86)	(6,249.89)	7,572.09	16,942.68	1,654.62	(1,020.18)	2,023.98	7,180.81	-	(210.95)	-	(17,685.32)	(174.99)	-	-	(19,699.58)	(89,756.59)
February	(56,922.75)	(4,442.02)	(9,257.05)	12,041.77	1,073.24	(481.60)	1,933.81	4,905.54	-	(149.93)	-	(12,569.59)	(124.37)	(8,045.35)	(679.16)	-	(72,717.46)

Commodity Credit Calculation
Deferred Accounting Methodology
Multi-Family Recycling
After Eighteenth Year

Actual Commodity Tons and Prices

	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Mixed Plastics 3-7	#5 PP	MRP	ADC	Scrap Metal	Bale Waste	Box Waste	Contamination	Total
Tons																	
December 2017	19.76	17.27	23.28	0.90	2.07	2.49	0.62	0.97	0.35	-	-	-	-	-	-	1.38	69.09
January 18	34.52	2.69	21.76	0.77	1.68	1.99	0.81	0.81	-	0.19	-	6.20	0.23	-	-	4.06	75.70
February	30.02	2.34	18.92	0.67	1.46	1.73	0.70	0.70	-	0.16	-	5.39	0.20	3.36	0.17	-	65.83
March	33.02	2.58	20.81	0.74	1.61	1.90	0.77	0.77	-	0.18	-	5.93	0.22	3.69	0.19	-	72.41
April	-	37.52	13.96	0.70	1.53	1.89	0.74	0.74	0.34	-	0.28	5.66	0.21	5.33	0.18	-	69.07
May	-	41.09	15.31	0.77	1.68	2.07	0.81	0.81	0.37	-	0.30	6.20	0.23	5.84	0.20	-	75.67
June	-	37.52	13.98	0.70	1.53	1.89	0.74	0.74	0.34	-	0.28	5.66	0.21	5.33	0.18	-	69.09
Total Tons	117.32	141.01	128.01	5.26	11.57	13.95	5.20	5.54	1.39	0.53	0.86	35.03	1.28	23.56	0.92	5.44	496.85

Commodity Mix	23%	29%	26%	1%	2%	3%	1%	1%	0%	0%	0%	7%	0%	5%	0%	1%	100%
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	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Mixed Plastics 3-7	#5 PP	MRP	ADC	Scrap Metal	Bale Waste	Box Waste	Contamination	Total
Price/Ton																	
December 2017	12.17	(67.83)	67.17	1,282.17	82.17	17.17	202.17	532.17	(157.83)	-	-	-	-	-	-	(222.83)	
January 18	(89.78)	(89.78)	65.22	1,320.22	102.22	15.22	190.22	560.22	(159.78)	(19.78)	-	(120.78)	0.22	-	-	(237.16)	
February	(89.78)	(89.78)	10.22	1,320.22	97.22	25.22	240.22	540.22	(159.78)	(19.78)	-	(120.78)	0.22	(125.40)	(237.16)	-	
March	(142.78)	(142.78)	(46.78)	1,305.22	62.22	35.22	215.22	535.22	(204.78)	(64.78)	-	(165.78)	(44.78)	(170.40)	(282.16)	-	
April	(147.78)	(147.78)	(54.78)	1,305.22	72.22	45.22	245.22	555.22	(204.78)	-	(44.78)	(169.88)	(44.78)	(170.40)	(282.16)	-	
May	(144.78)	(144.78)	(54.78)	1,340.22	62.22	55.22	175.22	545.22	(174.78)	-	(34.78)	(169.88)	(44.78)	(170.40)	(282.16)	-	
June	(134.78)	(134.78)	(47.78)	1,475.22	57.22	95.22	205.22	605.22	(174.78)	-	(4.78)	(169.88)	(24.78)	(170.40)	(282.16)	-	

	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Mixed Plastics 3-7	#5 PP	MRP	ADC	Scrap Metal	Bale Waste	Box Waste	Contamination	Total
Commodity Value																	
December 2017	240.48	(1,171.59)	1,563.94	1,151.61	170.31	42.71	125.71	514.75	(54.52)	-	-	-	-	-	-	(307.91)	2,275.48
January 18	(3,099.26)	(241.85)	1,418.87	1,018.99	171.72	30.29	154.02	453.59	-	(3.74)	-	(748.52)	0.05	-	-	(961.90)	(1,807.75)
February	(2,695.01)	(210.31)	193.34	886.08	142.02	43.64	169.13	380.35	-	(3.25)	-	(650.89)	0.04	(420.82)	(40.57)	-	(2,206.26)
March	(4,714.56)	(367.91)	(973.46)	963.61	99.98	67.04	166.68	414.51	-	(11.72)	-	(982.73)	(9.72)	(629.01)	(53.10)	-	(6,030.38)
April	-	(5,544.10)	(764.52)	919.81	110.77	85.29	181.28	410.45	(69.33)	-	(12.38)	(961.26)	(9.28)	(908.87)	(50.69)	-	(6,612.80)
May	-	(5,948.84)	(838.57)	1,034.43	104.52	114.07	141.87	441.45	(64.81)	-	(10.53)	(1,052.81)	(10.17)	(995.43)	(55.51)	-	(7,140.32)
June	-	(5,056.39)	(667.82)	1,039.61	87.76	179.60	151.71	447.42	(59.17)	-	(1.32)	(961.26)	(5.14)	(908.87)	(50.69)	-	(5,804.54)
Total Value	(10,268.36)	(18,540.98)	(68.22)	7,014.14	887.08	562.65	1,090.40	3,062.51	(247.82)	(18.72)	(24.22)	(5,357.47)	(34.21)	(3,863.00)	(250.56)	(1,269.81)	(27,326.59)

	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Mixed Plastics 3-7	#5 PP	MRP	ADC	Scrap Metal	Bale Waste	Box Waste	Contamination	Total
Commodity Value																	
January 18	(4,652.69)	(363.08)	439.89	984.26	96.12	(59.27)	117.58	417.16	-	(12.25)	-	(1,027.40)	(10.17)	-	-	(1,144.42)	(5,214.27)
February	(4,045.82)	(315.72)	(657.95)	855.88	76.28	(34.23)	137.45	348.66	-	(10.66)	-	(893.39)	(8.84)	(571.83)	(48.27)	-	(5,168.44)