

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

**6-Month Test Period & 5 Month True-Up - Effective October 1, 2018**

<b>Month</b>	<b>Number of Customers</b>	<b>Actual Revenue</b>	
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)	
<b>Total for Year</b>	<b>345,554</b>	<b>(358,603)</b>	

**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)
5-Month Customer Count			290,736
True-up effective 10/1/18			(1.95)

**6-Month Test Period & 5 Month True-Up - Effective October 1, 2018**

<b>Month</b>	<b>Number of Customers</b>	<b>Projected Revenue</b>	
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)	
<b>Total for Year</b>	<b>349,549</b>	<b>(597,710)</b>	

Projection Effective 10/1/2018 (2.05)

Refund remaining for 18th Year 1st Half True-Up	\$0.45	Customer Notification Cost =	\$	9,288	
Incorrect Customer Count 18th Year 1st Half True-Up	0.06	(now over 5-months)	SF Customers	58,813	\$ 9,102
Customer Notification Cost	0.03		MF Customers	1,200	\$ 186
<b>New Commodity Credit</b>	<b>(3.46)</b>				

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

**6-Month Test Period & 5 Month True-Up - Effective October 1, 2018**

<b>Month</b>	<b>Number of Yards</b>	<b>Actual Revenue</b>	
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)	
<b>Total for Year</b>	<b>44,871.88</b>	<b>(21,522.04)</b>	

**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)
5-Month Customer Count		37,751.92
True-up effective 10/1/18		(0.90)

**6-Month Test Period & 5 Month True-Up - Effective October 1, 2018**

<b>Month</b>	<b>Number of Yards</b>	<b>Projected Revenue</b>	
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)	
June	7,486.90	(5,804.54)	
<b>Total for Year</b>	<b>45,238.82</b>	<b>(35,970.76)</b>	
Projection Effective 10/1/2018		(0.95)	
Refund remaining for 18th Year 1st Half True-Up		\$0.26	
Customer Notification Cost		\$0.03	
<b>New Commodity Credit</b>		<b>(1.56)</b>	

**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
<b>Tons</b>																	
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
<b>Total Tons</b>	<b>1,911.93</b>	<b>2,399.57</b>	<b>2,128.08</b>	<b>87.78</b>	<b>193.06</b>	<b>232.91</b>	<b>86.59</b>	<b>92.51</b>	<b>23.79</b>	<b>8.62</b>	<b>14.59</b>	<b>581.28</b>	<b>21.29</b>	<b>391.12</b>	<b>15.07</b>	<b>93.48</b>	<b>8,281.66</b>
Commodity Mix	23%	29%	26%	1%	2%	3%	1%	1%	0%	0%	0%	7%	0%	5%	0%	1%	

	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
<b>Price/Ton</b>																	
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
<b>Commodity Value</b>																	
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)
<b>Total Value</b>	<b>(166,672.44)</b>	<b>(315,629.11)</b>	<b>(1,220.17)</b>	<b>117,078.45</b>	<b>14,721.02</b>	<b>9,479.30</b>	<b>18,082.20</b>	<b>51,136.06</b>	<b>(4,228.06)</b>	<b>(307.91)</b>	<b>(411.20)</b>	<b>(89,376.87)</b>	<b>(581.35)</b>	<b>(64,522.35)</b>	<b>(4,142.89)</b>	<b>(21,830.91)</b>	<b>(458,426.24)</b>

**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
<b>Price/Ton</b>																	
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
<b>Commodity Value</b>																	
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)

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**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
<b>Tons</b>																	
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
<b>Total Tons</b>	<b>117.32</b>	<b>141.01</b>	<b>128.01</b>	<b>5.26</b>	<b>11.57</b>	<b>13.95</b>	<b>5.20</b>	<b>5.54</b>	<b>1.39</b>	<b>0.53</b>	<b>0.86</b>	<b>35.03</b>	<b>1.28</b>	<b>23.56</b>	<b>0.92</b>	<b>5.44</b>	<b>496.85</b>

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
<b>Price/Ton</b>																	
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
<b>Commodity Value</b>																	
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)
<b>Total Value</b>	<b>(10,268.36)</b>	<b>(18,540.98)</b>	<b>(68.22)</b>	<b>7,014.14</b>	<b>887.08</b>	<b>562.65</b>	<b>1,090.40</b>	<b>3,062.51</b>	<b>(247.82)</b>	<b>(18.72)</b>	<b>(24.22)</b>	<b>(5,357.47)</b>	<b>(34.21)</b>	<b>(3,863.00)</b>	<b>(250.56)</b>	<b>(1,269.81)</b>	<b>(27,326.59)</b>

	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
<b>Commodity Value</b>																	
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)