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

#### After Seventeenth Year Commodity Adjustment Effective March 1, 2017

	Number of	Actual
Month	Customers	Revenue
December 2015	53,272	44,959
January 2016	52,816	35,937
February	53,065	25,208
March	53,492	43,974
April	53,852	39,691
May	54,236	54,803
June	54,454	80,954
July	54,554	62,676
August	54,685	81,190
September	54,861	66,378
October	54,761	63,560
November	54,716	80,793
Total for Year	648,764	680,123

#### Calculation of (Over) /Under Refunded for the 12 months ended 11/30/16

Per Customer Commodity Credit in Effect	Dec 15-Feb 16	\$1.53	
Per Customer Commodity Credit in Effect	Mar-Nov 16	\$1.12	
Total Customer Credits Paid 2015 - 2016			792,156
Actual Commodity Revenue		\$680,123	
		•••••	
Revenue available for refund			\$680,123
Total (over)/Under Refunded Customers			(\$112,032)
Revenue due customers		(\$112,032)	
12-Month number of customers		648,764	
Revenue due per customer		(\$0.17)	
Projected Revenue next 12-Months			At 100%
12-Months Commodity Value			\$680,123
12-Months Number of Customers			648,764
	16-17 Co	mmodity Credit Projection	\$1.05
	True-U	p per Customer per Month	(\$0.17)
		New Commodity Credit	\$0.88

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

## After Seventeenth Year Commodity Adjustment Effective March 1, 2017

	Number of	Actual
Month	Yards	Revenue
December 2015	7,533	2,886
January 2016	7,555	1,820
February	7,623	1,920
March	7,676	3,059
April	7,587	2,981
May	7,620	3,609
June	7,675	3,864
July	7,595	4,012
August	7,693	5,368
September	7,722	4,804
October	7,709	4,313
November	7,712	5,002
Total for Year	91,700	43,639

## Calculation of (Over) /Under Refunded for the 12 months ended 11/30/16

Per Yard Commodity Credit in Effect	Dec 15-Feb 16	\$0.76
Per Yard Commodity Credit in Effect	Mar-Nov 16	\$0.51

Total Customer Credits Paid 2015 - 2016		52,445
Actual Commodity Revenue	\$43,639	
Revenue Available for Refund		\$43,639
Total (over)/Under Refunded Customers		(\$8,806)
Revenue due customers	(\$8,806)	
12 Month number of yards	91,700	
Revenue due per yard	(\$0.10)	
Projected Revenue next 12-Months		At 100%
12-Months Commodity Value		\$43,639
12-Months Number of Yards		91,700
	16-17 Commodity Credit Projection per Yard	\$0.48
	True-Up per Yard per Pickup	(\$0.10)
	New Commodity Credit	\$0.38

# Murrey's Disposal Co., Inc. Commodity Credit Calculation Deferred Accounting Methodology Residential Curbside Recycling After Seventeenth Year

#### Actual Commodity Tons and Prices

	Mixed											
	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Plastics 3-7	Contamination	Total	
<u>Tons</u>												
December	345.46	301.97	407.05	15.70	36.24	43.49	10.87	16.91	6.04	24.16	1,207.89	
January 16	356.56	311.68	420.15	16.21	37.40	44.88	11.22	17.46	6.24	24.93	1,246.73	
February	271.64	237.45	320.08	12.35	28.49	34.20	8.55	13.30	4.75	19.00	949.81	
March	357.00	312.06	420.66	16.22	37.44	44.93	11.24	17.47	6.24	24.97	1,248.23	
April	263.62	230.43	310.63	11.98	27.65	33.18	8.29	12.91	4.61	18.43	921.73	
Мау	315.34	275.64	371.57	14.33	33.08	39.69	9.92	15.43	5.51	22.05	1,102.56	
June	434.06	379.43	511.47	19.73	45.53	54.64	13.66	21.25	7.59	30.35	1,517.71	
July	309.22	270.30	364.37	14.06	32.44	38.92	9.73	15.13	5.40	21.62	1,081.19	
August	327.96	286.67	386.44	14.91	34.41	41.38	10.32	16.05	5.74	22.93	1,146.81	
September	287.04	250.91	338.23	13.04	30.11	36.13	9.04	14.05	5.02	20.08	1,003.65	
October	309.95	270.93	365.22	14.09	32.51	39.02	9.75	15.17	5.42	21.68	1,083.74	
November	345.59	302.09	407.21	15.70	36.25	43.50	10.88	16.91	6.04	24.17	1,208.34	Total
Total Tons	3,923.44	3,429.56	4,623.08	178.32	411.55	493.96	123.47	192.04	68.60	274.37	13,718.39	13,7
Commodity Mix	28.60%	25.00%	33.70%	1.30%	3.00%	3.60%	0.90%	1.40%	0.50%	2.00%		

									Mixed	
	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Plastics 3-7	Contamination
Price/Ton										
December	\$0.04	(\$2.96)	\$48.04	\$1,031.04	\$14.04	\$87.04	\$346.04	\$466.04	(\$130.96)	(\$208.96)
January 16	(\$5.96)	(\$11.96)	\$40.04	\$986.04	\$4.04	\$81.04	\$326.04	\$436.04	(\$138.96)	(\$208.96)
February	(\$5.96)	(\$11.96)	\$40.04	\$986.04	\$4.04	\$67.04	\$206.04	\$386.04	(\$138.96)	(\$208.96)
March	\$9.04	(\$1.96)	\$45.04	\$986.04	\$4.04	\$81.04	\$206.04	\$366.04	(\$138.96)	(\$208.96)
April	\$16.04	\$2.04	\$47.04	\$1,066.04	\$21.04	\$101.04	\$256.04	\$446.04	(\$76.96)	(\$208.96)
May	\$19.04	\$10.04	\$43.04	\$1,046.04	\$59.04	\$121.04	\$396.04	\$606.04	(\$68.96)	(\$208.96)
June	\$25.04	\$19.04	\$43.04	\$1,091.04	\$24.04	\$116.04	\$396.04	\$626.04	(\$63.96)	(\$208.96)
July	\$34.04	\$25.04	\$51.04	\$1,031.04	\$14.04	\$121.04	\$326.04	\$586.04	(\$73.96)	(\$208.96)
August	\$47.04	\$40.04	\$71.04	\$1,051.04	\$29.04	\$121.04	\$226.04	\$506.04	(\$88.96)	(\$208.96)
September	\$50.04	\$36.04	\$64.04	\$1,026.04	\$39.04	\$96.04	\$246.04	\$406.04	(\$88.96)	(\$208.96)
October	\$41.04	\$26.04	\$56.04	\$1,051.04	\$19.04	\$96.04	\$276.04	\$426.04	(\$88.96)	(\$208.96)

November	\$47.04	\$36.04	\$66.04	\$1,021.04	\$29.04	\$96.04	\$376.04	\$426.04	(\$83.96)	(\$218.96)	
									Mixed		
	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	PET	HDPE	Natural	Plastics 3-7	Contamination	Total
Commodity Value											
December	13.82	(893.83)	19,554.68	16,187.33	508.81	3,785.37	3,761.45	7,880.74	-791.00	(5,048.47)	44,958.90
January 16	(2,125.10)	(3,727.69)	16,822.81	15,983.71	151.10	3,637.08	3,658.17	7,613.26	(867.11)	(5,209.37)	35,936.84
February	(1,618.97)	(2,839.90)	12,816.00	12,177.59	115.10	2,292.77	1,761.64	5,134.33	(660.06)	(3,970.24)	25,208.26
March	3,227.28	(611.64)	18,946.53	15,993.57	151.26	3,641.13	2,315.89	6,394.72	(867.11)	(5,217.73)	43,973.89
April	4,228.46	470.08	14,612.04	12,771.16	581.76	3,352.51	2,122.57	5,758.38	(354.79)	(3,851.13)	39,691.03
Мау	6,004.07	2,767.43	15,992.37	14,989.75	1,953.04	4,804.08	3,928.72	9,351.20	(379.97)	(4,607.57)	54,803.12
June	10,868.86	7,224.35	22,013.67	21,526.22	1,094.54	6,340.43	5,409.91	13,303.35	(485.46)	(6,341.94)	80,953.93
July	10,525.85	6,768.31	18,597.44	14,496.42	455.46	4,710.88	3,172.37	8,866.79	(399.38)	(4,517.72)	62,676.42
August	15,427.24	11,478.27	27,452.70	15,671.01	999.27	5,008.64	2,332.73	8,121.94	(510.63)	(4,791.45)	81,189.70
September	14,363.48	9,042.80	21,660.25	13,379.56	1,175.49	3,469.93	2,224.20	5,704.86	(446.58)	(4,195.92)	66,378.08
October	12,720.35	7,055.02	20,466.93	14,809.15	618.99	3,747.48	2,691.39	6,463.03	(482.16)	(4,530.25)	63,559.92
November	16,256.55	10,887.32	26,892.15	16,030.33	1,052.70	4,177.74	4,091.32	7,204.34	(507.12)	(5,292.26)	80,793.06
Total Value	89,892	47,621	235,828	184,016	8,858	48,968	37,470	91,797	(6,751)	(57,574)	680,123.15

# Murrey's Disposal Co., Inc. Commodity Credit Calculation Deferred Accounting Methodology Multi-Family Recycling After Seventeenth Year

#### Actual Commodity Tons and Prices

					Mixed					
	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	Plastics	Contamination	Total		
<u>Tons</u>										
<u>December</u>	22.15	19.37	26.10	1.01	2.32	4.96	1.55	77.46		
January 16	18.07	15.80	21.29	0.82	1.90	4.05	1.26	63.19		
February	20.68	18.08	24.37	0.94	2.17	4.62	1.44	72.30		
March	24.80	21.69	29.23	1.13	2.60	5.55	1.73	86.73		
April	19.79	17.29	23.31	0.90	2.08	4.43	1.38	69.18		
Мау	20.72	18.12	24.42	0.95	2.17	4.64	1.45	72.47		
June	20.72	18.12	24.42	0.95	2.17	4.64	1.45	72.47		
July	19.79	17.29	23.31	0.90	2.08	4.43	1.38	69.18		
August	21.67	18.94	25.53	0.99	2.27	4.85	1.51	75.76		
September	20.72	18.12	24.42	0.95	2.17	4.62	1.45	72.45		

October	19.79	17.29	23.31	0.90	2.08	4.43	1.38	69.18
November	20.72	18.12	24.42	0.95	2.17	4.64	1.45	72.47
Total Tons	249.62	218.23	294.13	11.39	26.18	55.86	17.43	872.84
Commodity Mix	28.60%	25.00%	33.70%	1.30%	3.00%	6.40%	2.00%	100.00%

						Mixed				
	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	Plastics	Contamination			
Price/Ton										
December	\$0.04	(\$2.96)	\$48.04	\$1,031.04	\$14.04	\$189.30	(\$208.96)			
January 16	(\$5.96)	(\$11.96)	\$40.04	\$986.04	\$4.04	\$175.66	(\$208.96)			
February	(\$5.96)	(\$11.96)	\$40.04	\$986.04	\$4.04	\$140.42	(\$208.96)			
March	\$9.04	(\$1.96)	\$45.04	\$986.04	\$4.04	\$143.72	(\$208.96)			
April	\$16.04	\$2.04	\$47.04	\$1,066.04	\$21.04	\$184.35	(\$208.96)			
Мау	\$19.04	\$10.04	\$43.04	\$1,046.04	\$59.04	\$250.68	(\$208.96)			
June	\$25.04	\$19.04	\$43.04	\$1,091.04	\$24.04	\$250.68	(\$208.96)			
July	\$34.04	\$25.04	\$51.04	\$1,031.04	\$14.04	\$236.38	(\$208.96)			
August	\$47.04	\$40.04	\$71.04	\$1,051.04	\$29.04	\$203.34	(\$208.96)			
September	\$50.04	\$36.04	\$64.04	\$1,026.04	\$39.04	\$171.86	(\$208.96)			
October	\$41.04	\$26.04	\$56.04	\$1,051.04	\$19.04	\$236.38	(\$208.96)			
November	\$47.04	\$36.04	\$66.04	\$1,021.04	\$29.04	\$225.44	(\$218.96)			

	Newspaper	Mixed Paper	Cardboard	Aluminum	Tin	Plastics	Contamination	Total	
Commodity Value									
December	0.89	-57.34	1,253.84	1,041.35	32.57	938.93	-323.89	2,886.36	
January 16	-107.70	-188.97	852.45	808.55	7.68	711.42	-263.29	1,820.15	
February	-123.25	-216.24	975.77	926.88	8.77	648.74	-300.90	1,919.77	
March	224.19	-42.51	1,316.52	1,114.23	10.50	797.65	-361.50	3,059.07	
April	317.43	35.27	1,096.50	959.44	43.76	816.67	-288.36	2,980.71	
May	394.51	181.92	1,051.04	993.74	128.12	1,163.16	-302.99	3,609.49	
June	518.83	345.00	1,051.04	1,036.49	52.17	1,163.16	-302.99	3,863.69	
July	673.65	432.94	1,189.74	927.94	29.20	1,047.16	-288.36	4,012.27	
August	1,019.36	758.36	1,813.65	1,040.53	65.92	986.20	-315.53	5,368.49	
September	1,036.83	653.04	1,563.86	974.74	84.72	793.99	-302.99	4,804.19	
October	812.18	450.23	1,306.29	945.94	39.60	1,047.16	-288.36	4,313.04	
November	974.67	653.04	1,612.70	969.99	63.02	1,046.04	-317.49	5,001.96	
Total Value	\$5,741.58	\$3,004.77	\$15,083.41	\$11,739.80	\$566.03	\$11,160.28	-\$3,656.67	\$43,639.19	