



**Shoreway Environmental Center
Shoreway Facility Operations Monthly Reporting
August 2020**

Dear Joe:

Commodity Market Update

Scrap values for non-fiber (plastic, glass, aluminum, and metals) remain weak.

Scrap pricing for Mix Paper (MP) increased a little bit, but remains well below historical averages. The main reason is that MP remains weak is that China still enforces their changed laws which bans the import of MP. Over the next decade it may be more difficult to market this grade, which is why Phase II of the MRF equipment upgrade is designed to recover High Grade Paper (HGP) and Cardboard (OCC) from some of the MP.

Scrap pricing for Cardboard (OCC) increased slightly, but it also remains well below historical average pricing.

Due to China's National Sword change in laws, which began their implementation in 2018 and decimated the recycling industry in 2019, the overall export market remains weak. Those National Sword changes in law continue to be in place, which includes China's stated intention to ban the import of all recovered fiber in 2021. If the total ban on all recyclables is implemented, then the supply demand imbalance in Q4 2020 is likely to see overall declines for recovered fiber pricing.

The domestic demand for paper and cardboard has not emerged, nor is it expected to. The only viable demand remains in SE Asia, which is slowly adding capacity, which is being supplied from North America, primarily from the US west coast.

Dwight E Herring

Dwight E Herring
General Manager

9/15/2020

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**Certificate of Accuracy
August 2020**

Joe La Mariana
Executive Director
South Bayside Waste Management Authority
610 Elm Street, Suite 202
San Carlos, CA 94070

RE: CERTIFICATE OF ACCURACY FOR SOUTH BAY RECYCLING MONTHLY REPORTING

In accordance with the reporting requirements of Article 8.07 and Article 9 of the Agreement for Operations of the Shoreway Environmental Center, the undersigned hereby certifies under penalty of perjury that the report submitted herewith is true and correct to the best of my knowledge.

By: *Dwight E Herring*
Dwight E Herring
General Manager

Date: 9/15/20

SOUTH BAY RECYCLING, LLC
333 Shoreway Road | San Carlos, California 94070-2708
Tel 650.802.8355 | Fax 650.591.3268 | www.SBRecycling.net

Attachment 2
Shoreway Facility Inbound Summary Report
August 2020

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD
SOUTH BAY INTERNAL TONS																	
Solid Waste from Facility & Street Cleanup	2.46	2.57	0.57	2.48	3.32	0.21	0.89	0.04	-	-	-	-	5.60	6.01	0.93	-	12.54
Residual from Recyclables	1,148.86	661.54	617.16	605.34	585.19	658.17	849.29	675.07	-	-	-	-	2,427.56	1,848.70	1,524.36	-	5,800.62
SBR Shop Box	-	-	-	-	-	-	-	0.93	-	-	-	-	-	-	0.93	-	0.93
Green/Organics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inerts/C&D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal - Disposed	1,151.32	664.11	617.73	607.82	588.51	658.38	850.18	675.11	-	-	-	-	2,433.16	1,854.71	1,525.29	-	5,813.16
Subtotal - Diverted	-	-	-	-	-	-	-	0.93	-	-	-	-	0%	0%	0.93	-	0.93
Subtotal - Diversion Percentage	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
OVERALL TOTAL	1,151.32	664.11	617.73	607.82	588.51	658.38	850.18	676.04	-	-	-	-	2,433.16	1,854.71	1,526.22	-	5,814.09
SUBTOTAL: SELF HAUL/BUYBACK SBR INTERNAL TONS																	
Municipal Solid Waste	2,594.63	3,057.17	1,751.80	903.98	1,503.25	2,288.87	2,799.19	2,250.86	-	-	-	-	7,403.60	4,696.10	5,050.05	-	17,149.7555
Recyclables	55.59	53.32	34.43	4.01	8.96	15.34	15.11	55.67	-	-	-	-	143.34	28.33	70.78	-	242.44
Green/Organics	698.59	265.19	468.12	(654.29)	830.11	1,027.33	956.52	452.66	-	-	-	-	1,431.89	1,003.16	1,409.18	-	3,844.23
Inerts/C&D	3,325.91	3,479.36	1,891.52	(170.02)	1,972.94	2,750.49	3,291.17	3,094.33	-	-	-	-	8,696.79	4,593.41	6,375.50	-	19,665.70
Subtotal - Disposed	2,594.63	3,057.17	1,751.80	903.98	1,503.25	2,288.87	2,799.19	2,250.86	-	-	-	-	7,403.60	4,696.10	5,050.05	-	17,149.76
Subtotal - Diverted	4,080.08	3,797.87	2,394.07	(1,020.29)	2,812.03	3,833.16	4,252.80	3,602.66	-	-	-	-	10,272.02	5,624.90	7,855.46	-	23,752.37
Subtotal - Diversion Percentage	61%	55%	58%	0%	65%	63%	60%	62%	0%	0%	0%	0%	58%	54%	61%	0%	58%
OVERALL TOTAL	6,674.71	6,855.04	4,145.87	(116.31)	4,315.28	6,122.03	7,051.99	5,853.52	-	-	-	-	17,675.62	10,321.00	12,905.51	-	40,902.13
NON-FRANCHISE TONS																	
Municipal Solid Waste	361.38	317.96	209.80	54.85	306.22	281.07	381.17	422.07	-	-	-	-	889.14	642.14	803.24	-	2,334.52
Third Party Non-Contracted Recyclables	11.31	4.02	3.68	-	2.60	6.28	0.69	9.08	-	-	-	-	19.01	6.88	9.77	-	37.66
Third Party Contracted Recyclables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green/Organics	250.80	464.48	290.92	198.52	173.51	51.55	31.61	29.98	-	-	-	-	1,006.20	423.58	61.59	-	1,491.37
Inerts/C&D	329.71	417.89	241.36	71.44	231.59	389.36	268.94	255.51	-	-	-	-	988.96	692.39	524.45	-	2,205.80
Subtotal - Disposed	361.38	317.96	209.80	54.85	306.22	281.07	381.17	422.07	-	-	-	-	889.14	642.14	803.24	-	2,334.52
Subtotal - Diverted	591.82	896.39	535.96	269.96	407.70	447.19	301.24	294.57	-	-	-	-	2,014.17	1,124.85	595.81	-	3,734.83
Subtotal - Diversion Percentage	45%	58%	56%	71%	40%	44%	28%	26%	0%	0%	0%	0%	53%	47%	27%	0%	44%
OVERALL TOTAL	953.20	1,204.35	745.76	324.81	713.92	728.26	682.41	716.64	-	-	-	-	2,903.31	1,766.99	1,399.05	-	6,069.35
OVERALL TOTAL FACILITY TONS																	
Municipal Solid Waste	17,981.67	16,703.76	15,560.46	13,087.13	14,530.73	16,628.52	17,715.70	16,273.54	-	-	-	-	50,245.89	44,246.38	33,989.24	-	128,481.51
Recyclables	6,826.78	5,646.91	6,085.00	5,801.70	5,649.27	6,144.51	6,236.44	5,892.31	-	-	-	-	18,558.69	17,595.48	12,128.75	-	48,282.91
Recycling TS (Bulky, Franchise, TS Diversion)	102.06	115.77	91.16	15.13	104.20	117.04	122.91	130.98	-	-	-	-	306.99	236.37	253.89	-	799.25
Green/Organics	10,306.74	8,513.28	8,437.27	7,354.09	9,936.51	9,803.44	9,721.47	8,560.90	-	-	-	-	27,257.29	27,094.04	18,292.37	-	72,633.70
Inerts/C&D	3,328.60	4,064.25	2,288.30	-	2,495.17	3,418.64	3,872.45	3,616.17	-	-	-	-	10,281.15	5,913.81	7,488.62	-	23,683.58
Subtotal - Disposed	17,981.67	16,703.76	15,560.46	13,087.13	14,530.73	16,628.52	17,715.70	16,273.54	-	-	-	-	50,245.89	44,246.38	33,989.24	-	128,481.51
Subtotal - Diverted	21,164.18	18,340.21	16,901.73	13,170.92	18,185.15	19,483.63	19,953.27	18,200.36	-	-	-	-	56,406.12	50,839.70	38,153.63	-	145,399.44
Subtotal - Diversion Percentage	54%	52%	52%	50%	56%	54%	53%	53%	0%	0%	0%	0%	53%	53%	53%	0%	53%
OVERALL TOTAL	39,145.85	35,043.97	32,462.19	26,258.05	32,715.88	36,112.15	37,668.97	34,473.90	-	-	-	-	106,652.01	95,086.08	72,142.87	-	273,880.95
TRANSFER STATION & MRF VOLUME SUMMARY																	
Total Transfer Station Volume	32,319.07	29,397.06	26,377.19	20,456.35	27,066.61	29,967.64	31,432.53	28,581.59	-	-	-	-	88,093.32	77,490.60	60,014.12	-	225,598.04
Total MRF Volume	6,826.78	5,646.91	6,085.00	5,801.70	5,649.27	6,144.51	6,236.44	5,892.31	-	-	-	-	18,558.69	17,595.48	12,128.75	-	48,282.91
OVERALL TOTAL	39,145.85	35,043.97	32,462.19	26,258.05	32,715.88	36,112.15	37,668.97	34,473.90	-	-	-	-	106,652.01	95,086.08	72,142.87	-	273,880.95

**Attachment 3
Shoreway Facility Outbound Summary Report
August 2020**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD	
Ox Mountain Solid Waste	17,981.67	16,703.76	15,560.46	13,087.13	14,530.73	16,628.52	17,715.70	16,273.54	-	-	-	-	50,245.89	44,246.38	33,989.24	-	128,481.51	
Other Landfill Solid Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Landfill Solid Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MSW	17,981.67	16,703.76	15,560.46	13,087.13	14,530.73	16,628.52	17,715.70	16,273.54	-	-	-	-	50,245.89	44,246.38	33,989.24	-	128,481.51	
INERT MATERIALS (C&D / INERTS) - OUTBOUND TONS																		
Zanker Road C&D	3,928.60	4,064.25	2,288.30	-	2,495.17	3,418.64	3,872.45	3,616.17	-	-	-	-	10,281.15	5,913.81	7,488.62	-	23,683.58	
Ox Mountain Inert Material	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL C&D / INERTS	3,928.60	4,064.25	2,288.30	-	2,495.17	3,418.64	3,872.45	3,616.17	-	-	-	-	10,281.15	5,913.81	7,488.62	-	23,683.58	
ORANICS / GREEN WASTE / FOOD WASTE - OUTBOUND TONS																		
Recology BVON Food	2,162.69	2,329.60	1,614.47	911.67	903.95	919.28	932.20	970.71	-	-	-	-	6,106.76	2,734.90	1,902.91	-	10,744.57	
Recology BVON Green/Organics	3,797.75	2,322.83	2,714.48	2,290.29	5,053.95	4,789.32	4,452.61	3,715.67	-	-	-	-	8,835.06	12,133.56	8,168.28	-	29,136.90	
Republic Newby Island Food	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Republic Newby Island Green/Organics	4,346.30	3,860.85	4,108.32	4,152.13	3,978.61	4,094.84	4,336.66	3,874.52	-	-	-	-	12,315.47	12,225.58	8,211.18	-	32,752.23	
Bofuel Systems Green Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zanker Road Green Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Disposal Site	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL ORGANICS / GREEN / FOOD WASTE	10,306.74	8,513.28	8,437.27	7,354.09	9,936.51	9,803.44	9,721.47	8,560.90	-	-	-	-	27,257.29	27,094.04	18,282.37	-	72,633.70	
OTHER DIVERSION - OUTBOUND TONS																		
Scrap Metal	44.19	48.97	50.46	6.81	62.31	70.02	67.89	54.80	-	-	-	-	143.62	139.14	122.69	-	405.45	
Household Batteries	4.92	3.47	3.61	2.69	-	3.72	0.60	5.11	-	-	-	-	12.00	6.41	5.71	-	24.13	
Refrigerators	8.01	21.64	12.57	-	17.17	19.53	20.89	18.56	-	-	-	-	42.22	36.70	39.45	-	118.37	
Electronic Materials	34.95	32.66	20.46	7.07	14.62	11.72	17.14	43.95	-	-	-	-	88.07	33.41	61.09	-	182.57	
Mattresses	13.06	9.82	6.12	-	10.10	12.04	16.99	10.98	-	-	-	-	29.00	22.14	27.97	-	79.11	
Tires	1.85	2.68	1.55	1.25	-	3.73	-	2.69	-	-	-	-	6.08	4.98	2.69	-	13.75	
Cardboard (outbound from Transfer to MRF)	0.70	0.27	0.21	-	2.05	6.85	4.84	0.88	-	-	-	-	1.18	8.90	5.72	-	15.80	
Mixed Plastic (outbound from Transfer to MRF)	0.21	-	-	-	-	-	-	-	-	-	-	-	0.21	-	-	-	0.21	
Carpet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reusables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL OTHER DIVERSION	107.89	119.51	94.98	17.82	106.25	127.61	128.35	136.97	-	-	-	-	322.38	251.68	265.32	-	839.39	
MATERIALS RECOVERY FACILITY & PUBLIC RECYCLING CENTER																		
Recyclable Fiber	4,552.66	2,849.94	3,800.09	3,385.74	2,984.05	2,935.75	3,179.75	3,412.64	-	-	-	-	11,202.69	9,305.54	6,592.39	-	27,100.62	
Recyclable Containers	1,739.99	1,574.79	1,793.93	1,724.47	1,809.09	1,382.04	1,574.00	1,469.63	-	-	-	-	5,108.71	4,715.60	3,043.63	-	12,867.94	
MRF Residual Franchise	1,148.86	661.54	617.16	605.34	585.19	658.17	849.29	675.07	-	-	-	-	2,427.56	1,848.70	1,524.36	-	5,800.62	
Single Stream Recyclables Processed by Third Party	-	-	-	-	-	995.29	-	-	-	-	-	-	-	995.29	-	-	-	995.29
Drop Off	16.70	16.46	12.46	3.18	6.64	6.03	9.78	19.49	-	-	-	-	45.62	15.85	29.27	-	90.73	
TOTAL MRF & PUBLIC RECYCLING CENTER	7,458.21	5,102.73	6,223.64	5,718.73	5,184.97	5,977.28	5,612.82	5,576.83	-	-	-	-	18,784.58	16,880.98	11,189.65	-	46,855.20	
SHOREWAY FACILITY SUMMARY																		
Municipal Solid Waste	17,981.67	16,703.76	15,560.46	13,087.13	14,530.73	16,628.52	17,715.70	16,273.54	-	-	-	-	50,245.89	44,246.38	33,989.24	-	128,481.51	
MRF Recyclables	7,458.21	5,102.73	6,223.64	5,718.73	5,184.97	5,977.28	5,612.82	5,576.83	-	-	-	-	18,784.58	16,880.98	11,189.65	-	46,855.20	
MRF/PRC Inventory (+/-)	(631.43)	544.18	(138.64)	82.97	464.30	167.23	623.62	315.48	-	-	-	-	(225.89)	714.50	939.10	-	1,427.71	
TS Recyclables	107.89	119.51	94.98	17.82	106.25	127.61	128.35	136.97	-	-	-	-	322.38	251.68	265.32	-	839.39	
Green/Organics	10,306.74	8,513.28	8,437.27	7,354.09	9,936.51	9,803.44	9,721.47	8,560.90	-	-	-	-	27,257.29	27,094.04	18,282.37	-	72,633.70	
Inerts/C&D	3,928.60	4,064.25	2,288.30	-	2,495.17	3,418.64	3,872.45	3,616.17	-	-	-	-	10,281.15	5,913.81	7,488.62	-	23,683.58	
OVERALL TOTAL	39,151.68	35,047.71	32,466.01	26,260.74	32,717.93	36,122.72	37,674.41	34,479.89	-	-	-	-	106,665.40	95,101.39	72,154.30	-	273,921.09	
SHOREWAY FACILITY DIVERSION TOTAL	55.68%	50.79%	52.50%	49.85%	54.17%	53.50%	51.32%	51.89%	0.00%	0.00%	0.00%	0.00%	53.11%	52.72%	51.59%	0.00%	52.57%	
Total Transfer Station Outbound	32,324.90	29,400.80	26,381.01	20,459.04	27,068.66	29,978.21	31,437.97	28,587.58	-	-	-	-	88,106.71	77,505.91	60,025.55	-	225,638.18	
Total MRF Outbound	6,826.78	5,646.91	6,085.00	5,801.70	5,649.27	6,144.51	6,236.44	5,892.31	-	-	-	-	18,558.69	17,595.48	12,128.75	-	48,282.91	
SHOREWAY FACILITY OUTBOUND TOTAL	39,151.68	35,047.71	32,466.01	26,260.74	32,717.93	36,122.72	37,674.41	34,479.89	-	-	-	-	106,665.40	95,101.39	72,154.30	-	273,921.09	

**Attachment 4
Commodity Value 13-Month Trend and Market Report
August 2020**

	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Scrap Value Per Ton													
Fiber	\$ 27.44	\$ 21.75	\$ 16.32	\$ 8.82	\$ 7.77	\$ 12.33	\$ 28.20	\$ 22.14	\$ 32.94	\$ 40.89	\$ 36.42	\$ 36.70	\$ 43.32
Plastics	\$ 140.67	\$ 84.33	\$ 91.14	\$ 107.22	\$ 145.34	\$ 253.79	\$ 131.31	\$ 99.12	\$ 94.60	\$ 84.54	\$ 72.33	\$ 52.39	\$ 101.27
Aluminum	\$ 500.00	\$ 460.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 360.00	\$ 300.00	\$ 300.00	\$ 320.00	\$ 400.00	\$ 440.00
Metal	\$ 66.52	\$ 39.59	\$ 9.52	\$ 20.51	\$ 40.21	\$ 52.31	\$ 46.48	\$ 47.19	\$ 36.52	\$ 53.81	\$ 63.36	\$ 66.40	\$ 67.31

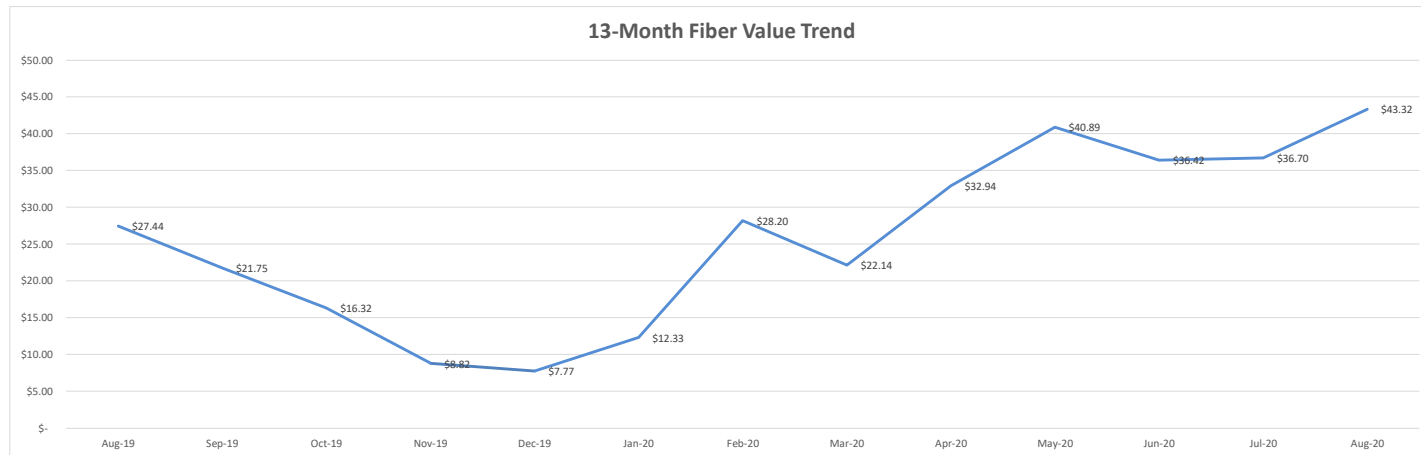
	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Scrap Value Variance													
Fiber	\$ 2.94	\$ (5.69)	\$ (5.43)	\$ (7.49)	\$ (1.05)	\$ 4.56	\$ 15.87	\$ (6.06)	\$ 10.80	\$ 7.95	\$ (4.47)	\$ 0.28	\$ 6.61
Plastics	\$ (40.29)	\$ (56.34)	\$ 6.82	\$ 16.08	\$ 38.12	\$ 108.45	\$ (122.48)	\$ (32.19)	\$ (4.53)	\$ (10.06)	\$ (12.21)	\$ (19.94)	\$ 48.88
Aluminum	\$ (40.00)	\$ (40.00)	\$ (60.00)	\$ -	\$ 0.00	\$ (0.00)	\$ -	\$ (40.00)	\$ (60.00)	\$ -	\$ 20.00	\$ 80.00	\$ 40.00
Metal	\$ (4.16)	\$ (26.93)	\$ (30.07)	\$ 10.99	\$ 19.70	\$ 12.10	\$ (5.83)	\$ 0.70	\$ (10.67)	\$ 17.29	\$ 9.55	\$ 3.04	\$ 0.91

	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
Percentage Increase/(Decrease)													
Fiber	11%	-26%	-33%	-85%	-14%	37%	56%	-27%	33%	19%	-12%	1%	15%
Plastics	-29%	-67%	7%	15%	26%	43%	-93%	-32%	-5%	-12%	-17%	-38%	48%
Aluminum	-8%	-9%	-15%	0%	0%	0%	0%	-11%	-20%	0%	6%	20%	9%
Metal	-6%	-68%	-316%	54%	49%	23%	-13%	1%	-29%	32%	15%	5%	1%

Total Revenue - Containers	\$ 687,984.24	\$ 324,523.81	\$ 356,590.33	\$ 315,112.41	\$ 295,120.64	\$ 340,286.97	\$ 558,668.33	\$ 513,278.86	\$ 389,796.46	\$ 368,041.39	\$ 318,000.11	\$ 463,619.87	\$ 385,989.40
Total Revenue - Fiber	\$ 92,433.66	\$ 69,546.20	\$ 63,476.17	\$ 27,499.34	\$ 26,711.66	\$ 56,097.39	\$ 80,338.05	\$ 84,109.90	\$ 111,524.12	\$ 121,691.46	\$ 106,005.94	\$ 116,110.32	\$ 147,708.38
Total Revenue	\$ 780,417.90	\$ 394,070.01	\$ 420,066.50	\$ 342,611.75	\$ 321,832.30	\$ 396,384.36	\$ 639,006.38	\$ 597,388.76	\$ 501,320.58	\$ 489,732.85	\$ 424,006.05	\$ 579,730.19	\$ 533,697.78

Total Tons - Containers	1,876.52	1,450.90	1,566.43	1,466.56	1,580.42	1,739.78	1,574.79	1,793.93	1,724.47	1,609.09	1,382.04	1,574.00	1,469.63
Total Tons - Fiber	3,370.32	3,199.70	3,892.61	3,127.42	3,447.59	4,551.96	2,849.67	3,799.88	3,385.74	2,982.00	2,928.90	3,174.91	3,411.76
Total Tons	5,246.84	4,650.60	5,459.04	4,593.98	5,028.01	6,291.74	4,424.46	5,593.81	5,110.21	4,591.09	4,310.94	4,748.91	4,881.39

Avg Rate/Ton - Containers	\$ 366.63	\$ 223.67	\$ 227.65	\$ 214.86	\$ 186.74	\$ 195.59	\$ 354.76	\$ 286.12	\$ 226.04	\$ 228.73	\$ 230.09	\$ 294.55	\$ 262.64
Avg Rate/Ton - Fiber	\$ 27.43	\$ 21.74	\$ 16.31	\$ 8.79	\$ 7.75	\$ 12.32	\$ 28.19	\$ 22.13	\$ 32.94	\$ 40.81	\$ 36.19	\$ 36.57	\$ 43.29
Total Avg Rate/Ton	\$ 148.74	\$ 84.74	\$ 76.95	\$ 74.58	\$ 64.01	\$ 63.00	\$ 144.43	\$ 106.79	\$ 98.10	\$ 106.67	\$ 98.36	\$ 122.08	\$ 109.33



**Attachment 5
Trucking Efficiency Report
August 2020**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD	
Ox Mountain	17,981.67	16,703.76	15,560.46	13,087.13	14,530.73	16,628.52	17,715.70	16,273.54	-	-	-	-	50,245.89	44,246.38	33,989.24	-	128,481.51	
Loads	737.00	683.00	631.00	529.00	584.00	671.00	721.00	653.00	-	-	-	-	2,051.00	1,784.00	1,374.00	-	5,209.00	
Average Tons/Load	24.40	24.46	24.66	24.74	24.88	24.78	24.57	24.92	-	-	-	-	24.50	24.80	24.74	-	24.67	
Other Landfill																		
Loads																		
Average Tons/Load																		
TOTAL MUNICIPAL SOLID WASTE (MSW)																		
TONS	17,981.67	16,703.76	15,560.46	13,087.13	14,530.73	16,628.52	17,715.70	16,273.54	-	-	-	-	50,245.89	44,246.38	33,989.24	-	128,481.51	
LOADS	737.00	683.00	631.00	529.00	584.00	671.00	721.00	653.00	-	-	-	-	2,051.00	1,784.00	1,374.00	-	5,209.00	
AVERAGE TONS/LOAD	24.40	24.46	24.66	24.74	24.88	24.78	24.57	24.92	-	-	-	-	24.50	24.80	24.74	-	24.67	
Loads Saved / Month (est. 22 tons/Ld.)	99.36	93.92	92.74	79.70	91.85	102.42	102.99	103.91	-	-	-	-	232.90	227.20	170.97	-	631.07	
INERT MATERIALS (C&D / INERTS)																		
Zanker Road	3,928.60	4,064.25	2,288.30	-	2,495.17	3,418.64	3,872.45	3,616.17	-	-	-	-	10,281.15	5,913.81	7,488.62	-	23,683.58	
Loads	200.00	198.00	114.00	-	125.00	170.00	195.00	184.00	-	-	-	-	512.00	295.00	379.00	-	1,186.00	
Average Tons/Load	19.64	20.53	20.07	-	19.96	20.11	19.86	19.65	-	-	-	-	20.08	20.05	19.76	-	19.97	
OX Mountain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL C&D AND INERTS																		
TONS	3,928.60	4,064.25	2,288.30	-	2,495.17	3,418.64	3,872.45	3,616.17	-	-	-	-	10,281.15	5,913.81	7,488.62	-	23,683.58	
LOADS	200.00	198.00	114.00	-	125.00	170.00	195.00	184.00	-	-	-	-	512.00	295.00	379.00	-	1,186.00	
AVERAGE TONS/LOAD	19.64	20.53	20.07	-	19.96	20.11	19.86	19.65	-	-	-	-	20.08	20.05	19.76	-	19.97	
Loads Saved / Month (est. 19 tons/Ld.)	6.77	15.91	6.44	-	6.32	9.93	8.81	6.32	-	-	-	-	29.11	16.25	15.14	-	60.50	
GREEN WASTE/ORGANICS																		
Recology BVON	5,960.44	4,652.43	4,328.95	3,201.96	5,957.90	5,708.60	5,384.81	4,686.38	-	-	-	-	14,941.82	14,868.46	10,071.19	-	39,881.47	
Loads	250.00	195.00	182.00	135.00	246.00	236.00	223.00	193.00	-	-	-	-	627.00	617.00	416.00	-	1,660.00	
Average Tons/Load	23.84	23.86	23.79	23.72	24.22	24.19	24.15	24.28	-	-	-	-	23.83	24.10	24.21	-	24.02	
Republic Newby Island	4,346.30	3,860.85	4,108.32	4,152.13	3,978.61	4,094.84	4,336.66	3,874.52	-	-	-	-	12,315.47	12,225.58	8,211.18	-	32,752.23	
Loads	182.00	162.00	171.00	175.00	165.00	170.00	179.00	160.00	-	-	-	-	515.00	510.00	339.00	-	1,364.00	
Average Tons/Load	23.88	23.83	24.03	23.73	24.11	24.09	24.23	24.22	-	-	-	-	23.91	23.97	24.22	-	24.01	
Zanker Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biofuel Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Disposal Site	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL GREEN WASTE/ORGANICS																		
TONS	10,306.74	8,513.28	8,437.27	7,354.09	9,936.51	9,803.44	9,721.47	8,560.90	-	-	-	-	27,257.29	27,094.04	18,282.37	-	72,633.70	
LOADS	432.00	357.00	353.00	310.00	411.00	406.00	402.00	353.00	-	-	-	-	1,142.00	1,127.00	755.00	-	3,024.00	
AVERAGE TONS/LOAD	23.86	23.85	23.90	23.72	24.18	24.15	24.18	24.25	-	-	-	-	23.87	24.04	24.22	-	24.02	
Loads Saved / Month (est. 20 T/Ld.)	83.34	68.66	68.86	57.70	85.83	84.17	84.07	75.05	-	-	-	-	220.86	227.70	159.12	-	607.69	
OVERALL TRUCK TRIP SAVINGS/MONTH COMPARED TO 2010 ESTIMATES																		
OVERALL TRUCK TRIP SAV/MTH COMPARED TO EST	189.46	178.49	168.04	137.41	184.00	196.52	195.87	185.28	-	-	-	-	536.00	517.93	381.15	-	1,435.07	
Miles Saved	9,956.89	8,672.16	7,915.30	-	10,199.08	10,283.98	9,914.42	9,005.65	-	-	-	-	26,544.35	20,483.05	18,920.07	-	65,947.48	
Gallons of Fuels Saved	2,489.22	2,168.04	1,978.83	-	2,549.77	2,570.99	2,478.61	2,251.41	-	-	-	-	6,636.09	5,120.76	4,730.02	-	16,486.87	
Pounds of CO2 savings (22.2 lbs./gal of fuel)	55,260.75	48,130.48	43,929.92	-	56,604.88	57,076.07	55,025.05	49,981.36	-	-	-	-	147,321.15	113,880.95	105,006.40	-	366,008.50	
Pounds of Carbon savings (6.12 lbs./gal of fuel)	15,234.05	13,268.40	12,110.41	-	15,604.59	15,734.48	15,169.07	13,778.64	-	-	-	-	40,612.86	31,339.07	28,947.71	-	100,899.64	

Attachment 6
Self-Haul Monthly Yards/Ton Ratio
August 2020

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD
Outbound Tons shipped from Transfer	32,324.90	29,400.80	26,381.01	20,459.04	27,068.66	29,978.21	31,437.97	28,587.58	-	-	-	-	88,106.71	77,505.91	60,025.55	-	225,638.18
Inbound Tons to the Transfer Station	27,648.82	24,343.36	23,378.32	21,178.93	24,001.77	25,453.71	26,307.97	24,511.73	-	-	-	-	75,370.50	70,634.41	50,819.70	-	196,824.61
Mass Balance weight of Inbound Self-Haul material to TS	4,676.08	5,057.44	3,002.69	(719.89)	3,066.89	4,524.50	5,130.00	4,075.85	-	-	-	-	12,736.21	6,871.50	9,205.85	-	28,813.57
Total Inbound Cubic Yards for Self-Haul Loads	17,027.50	17,603.00	8,961.00	-	13,538.00	18,626.50	18,971.50	19,584.50	-	-	-	-	43,591.50	32,164.50	38,556.00	-	114,312.00
Self-Haul Conversion Ratio - yards/ton (Goal ≥ 2.76)	3.64	3.48	2.98	-	4.41	4.12	3.70	4.81	-	-	-	-	3.42	4.68	4.19	-	3.97
DIFFERENCE OF Self-Haul Conversion Ratio from 2.76	<i>0.88</i>	<i>0.72</i>	<i>0.22</i>		<i>1.65</i>	<i>1.36</i>	<i>0.94</i>	<i>2.05</i>					<i>0.66</i>	<i>1.92</i>	<i>1.43</i>		<i>1.21</i>

Attachment 7
Liquidated Damages
August 2020

		JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC												Q1	Q2	Q3	Q4	YTD	
1	Turnaround Guarantee	Penalty																	
	A Collection Vehicles & Member Agency Vehicles	\$100	per vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	proceed through scale house in no more than five (5) minutes per vehicle		\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
	B Self-Haul Customer	\$100	per vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	customers shall not wait more than 15 minutes to be processed by scale		\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
2	Contractor Open Shoreway Center to Users during Operating Hours	\$1,000	per hour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	failure to receive vehicles during operating hours		\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
3	Litter Complaints	\$100	per hour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	failure to remedy a litter compliance within 5 hours of notification		\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
4	Failure of Contractor to Provided Excellent Customer Service	\$100	per compliant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
5	Timeliness of Submissions of Reports to the SBWMA	\$500	per day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
6	Failure to make Records Available upon Request	\$500	per day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
7	Failure of the Contractor to Notify the SBWMA of intent to use a subcontractor(s).	\$1,000	per incident	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Overall Total Liquidated Damages during Reporting Period				\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Q1 Comments

Q2 Comments

Q3 Comments

Q4 Comments

**Attachment 8
GENERAL FACILITY REPORTING
August 2020**

Accidents & Incidents	Permits, Regulatory & Environmental Compliance	Staffing & Labor	Facility Operations	MRF Recovery Effectiveness	Materials Marketing & Off Site Disposal & Processing	Franchise, Public & Third Party Tonnage	
JAN	Nothing to Report	01/09 - LEA Inspection. No Notice of Violations. An Area of Concern was identified regarding reports being available for review. This has been corrected.	01/27 - Clint Collins joined SBR as its Maintenance Supervisor.	Construction of the Anaergia OREX Press in the Transfer Station is ongoing.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In January, recovery rate was 83.1%	• OCC price increased from \$38 to \$52 per ton. • MP price remained flat at (\$9.00) per ton..	Nothing to Report
FEB	Nothing to Report	02/21 - LEA Inspection. No Notice of Violations. An Area of Concern was identified regarding reports being available for review. This has been corrected.	Nothing to Report	Construction of the Anaergia OREX Press in the Transfer Station is ongoing.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This can result in an increase in residual. In February, recovery rate was 88.2%	• OCC price increased from \$52 to \$67 per ton. • MP price increased from (\$9.00) to (\$5.00) per ton.	Nothing to Report
MAR	Nothing to Report	03/11 - LEA Inspection. No Notice of Violations or Areas of Concern were identified	Nothing to Report	Due to the San Mateo County SIP Order, SBWMA Directed SBR to Close the Facility to the Public on March 17th	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This can result in an increase in residual. In March, recovery rate was 90%	• OCC price increased from \$67 to \$86 per ton. • MP price decreased from (\$5.00) to (\$7.00) per ton.	No public tonnage after March 16th
APR	Nothing to Report	No LEA Inspection due to County Shelter in Place Orders	Nothing to Report	Due to the San Mateo County SIP Order, SBWMA Directed SBR to Close the Facility to the Public on March 17th	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This can result in an increase in residual. In April, recovery rate was 90%	• OCC price increased from \$87 to \$96 per ton. • MP price increased from (\$7.00) to (\$5.00) per ton.	No public tonnage after March 16th
MAY	Nothing to Report	05/28 LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Nothing to Report	SBWMA directed SBR to reopen to the public on Monday, May 4th.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This can result in an increase in residual. In May, recovery rate was 90%	• OCC price increased from \$96 to \$121 per ton. • MP price increased from (\$5.00) to \$3.00 per ton.	Nothing to Report
JUN	Nothing to Report	06/26 LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Nothing to Report	Drop-Off remains closed to the public	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This can result in an increase in residual. In June, recovery rate was 90%	• OCC price increased from \$121 to \$97 per ton. • MP price increased from \$3.00 to (\$1.00) per ton.	Nothing to Report
JUL	Nothing to Report	07/16 LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Nothing to Report	Drop-Off remains closed to the public. Construction and Installation of the MRF Phase I Project was completed on July 20th.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This can result in an increase in residual. In July, recovery rate was 90%	• OCC price decreased \$10.00 per ton to \$87 per ton. • MP price increased \$3.00 per ton to \$2.00 per ton.	Nothing to Report
AUG	Nothing to Report	08/20 LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Anthony Cortes, a 30 plus year Driver, retired. SBR added 2 CP Drivers in anticipation of 1-2 Drivers reassigned to transport Organic Slurry to WWTPs	Construction and Installation of the MRF Phase I Project was completed on July 20th.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This can result in an increase in residual. In August, recovery rate was 90%	• OCC price decreased \$5.00 per ton to \$92 per ton. • MP price increased \$12.00 per ton to \$14.00 per ton.	Nothing to Report
SEP							
OCT							
NOV							
DEC							

**Attachment 9
Member Agency Monthly Tonnage Report
August 2020**

	Data Source	JAN Net Tons Collected	FEB Net Tons Collected	MAR Net Tons Collected	APR Net Tons Collected	MAY Net Tons Collected	JUN Net Tons Collected	JUL Net Tons Collected	AUG Net Tons Collected	SEP Net Tons Collected	OCT Net Tons Collected	NOV Net Tons Collected	DEC Net Tons Collected	Q1 Net Tons Collected	Q2 Net Tons Collected	Q3 Net Tons Collected	Q4 Net Tons Collected	YTD Net Tons Collected
TOTAL SBWMA																		
Member Agency Vehicles																		
Member Agency Solid Waste	SBR	62.28	57.34	42.95	26.06	10.78	75.66	90.35	60.39	-	-	-	-	162.57	112.50	150.74	-	425.81
Member Agency Recycling	SBR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Member Agency Organics	SBR	35.98	24.15	7.19	13.00	19.90	39.11	30.11	43.83	-	-	-	-	67.32	72.01	73.94	-	213.27
Member Agency Inert / C&D	SBR	202.91	61.08	81.65	77.22	97.96	95.56	168.81	132.94	-	-	-	-	345.64	270.74	301.75	-	918.13
Subtotal - Disposed		62.28	57.34	42.95	26.06	10.78	75.66	90.35	60.39	-	-	-	-	162.57	112.50	150.74	-	425.81
Subtotal - Diverted		238.89	85.23	88.84	90.22	117.86	134.67	198.92	176.77	-	-	-	-	412.96	342.75	375.69	-	1,131.40
Overall Subtotal		301.17	142.57	131.79	116.28	128.64	210.33	289.27	237.16	-	-	-	-	575.53	455.25	526.43	-	1,557.21
Transfer Station & Third Party																		
Self-Haul Solid Waste	SBR	1,040.71	1,690.10	778.92	-	700.97	1,232.42	1,415.58	1,177.78	-	-	-	-	3,509.73	1,933.38	2,593.36	-	8,036.47
MRF Residue		1,148.86	733.46	694.09	594.51	576.58	657.57	10.66	-	-	-	-	-	2,576.41	1,828.65	10.66	-	4,415.73
Transfer Station & Other Recycling	SBR	3,472.62	3,266.67	2,027.49	-	2,485.34	3,437.13	3,765.81	3,189.75	-	-	-	-	8,766.78	5,922.47	6,955.56	-	21,644.80
Self-Haul Green Waste	SBR	607.67	236.22	403.85	-	766.81	927.20	859.21	405.98	-	-	-	-	1,247.73	1,694.01	1,265.19	-	4,206.93
Self-Haul Inert / C&D	SBR	2,911.64	2,988.19	1,597.21	-	1,682.01	2,459.35	2,855.36	2,716.69	-	-	-	-	7,397.03	4,141.36	5,572.05	-	17,110.44
Subtotal - Disposed		2,189.57	2,423.57	1,473.01	594.51	1,277.54	1,889.98	1,426.24	1,177.78	-	-	-	-	6,086.14	3,762.03	2,604.02	-	12,452.20
Subtotal - Diverted		6,891.93	6,491.07	4,028.54	-	4,934.15	6,823.67	7,480.38	6,312.42	-	-	-	-	17,411.55	11,757.83	13,792.80	-	42,962.17
Overall Subtotal		9,081.50	8,914.64	5,501.55	594.51	6,211.70	8,713.66	8,906.62	7,490.20	-	-	-	-	23,497.69	15,519.86	16,396.82	-	55,414.37
NON-SBWMA JURISDICTIONS																		
Transfer Station & Third Party																		
Self-Haul Solid Waste	SBR	402.61	702.96	355.15	-	213.77	398.08	533.43	397.97	-	-	-	-	1,460.72	611.85	931.40	-	3,003.97
Transfer Station & Other Recycling	SBR	617.81	528.22	365.18	-	362.00	440.36	532.31	440.85	-	-	-	-	1,511.21	802.36	973.16	-	3,286.74
Self-Haul Green Waste	SBR	90.91	28.97	64.27	-	63.30	100.13	97.31	46.68	-	-	-	-	184.16	163.43	143.99	-	491.58
Self-Haul Inert / C&D	SBR	514.27	491.17	294.31	-	290.93	331.14	425.81	377.64	-	-	-	-	1,299.76	622.07	803.45	-	2,725.28
Subtotal - Disposed		402.61	702.96	355.15	-	213.77	398.08	533.43	397.97	-	-	-	-	1,460.72	611.85	931.40	-	3,003.97
Subtotal - Diverted		1,222.99	1,048.37	723.76	-	716.24	871.63	1,055.43	865.17	-	-	-	-	2,995.13	1,587.87	1,920.60	-	6,503.60
Overall Subtotal		1,625.60	1,751.33	1,078.92	-	930.01	1,269.71	1,588.86	1,263.14	-	-	-	-	4,455.84	2,199.72	2,852.00	-	9,507.57
Transfer Station Diversion Rate		75.23%	59.86%	67.08%	0.00%	77.01%	68.65%	66.43%	68.49%	0.00%	0.00%	0.00%	0.00%	67.22%	72.19%	67.34%	#DIV/0!	68.40%
SEC SUMMARY																		
Transfer Station & Third Party																		
Self-Haul Solid Waste	SBR	1,443.31	2,393.06	1,134.07	-	914.74	1,630.49	1,949.01	1,575.75	-	-	-	-	4,970.44	2,545.23	3,524.76	-	11,040.44
Transfer Station & Other Recycling	SBR	4,090.43	3,794.90	2,392.67	-	2,847.35	3,877.48	4,298.12	3,630.60	-	-	-	-	10,277.99	6,724.83	7,928.72	-	24,931.54
Self-Haul Green Waste	SBR	698.58	265.19	468.12	-	830.11	1,027.33	956.52	452.66	-	-	-	-	1,431.89	1,857.44	1,409.18	-	4,698.51
Self-Haul Inert / C&D	SBR	3,325.91	3,479.36	1,891.52	-	1,972.94	2,790.49	3,281.17	3,094.33	-	-	-	-	8,696.79	4,763.43	6,375.50	-	19,835.72
Subtotal - Disposed		1,443.31	2,393.06	1,134.07	-	914.74	1,630.49	1,949.01	1,575.75	-	-	-	-	4,970.44	2,545.23	3,524.76	-	11,040.44
Subtotal - Diverted		8,114.92	7,539.45	4,752.31	-	5,650.40	7,695.30	8,535.81	7,177.59	-	-	-	-	20,406.67	13,345.70	15,713.40	-	49,465.77
Overall Subtotal		9,558.24	9,932.51	5,886.38	-	6,565.14	9,325.80	10,484.82	8,753.34	-	-	-	-	25,377.12	15,890.93	19,238.16	-	60,506.21
Transfer Station Diversion Rate		84.90%	75.91%	80.73%	0.00%	86.07%	82.52%	81.41%	82.00%	0.00%	0.00%	0.00%	0.00%	80.41%	83.98%	81.68%	#DIV/0!	81.75%
OVERALL SEC SUMMARY		9,558.24	9,932.51	5,886.38	-	6,565.14	9,325.80	10,484.82	8,753.34	-	-	-	-	25,377.12	15,890.93	19,238.16	-	60,506.21