



**Shoreway Environmental Center
Shoreway Facility Operations Monthly Reporting
July 2019**

Dear Joe:

Commodity Market Update

Scrap values for non-fiber (plastic, glass, aluminum, and metals) remain weak. Non-fiber pricing (scrap + CRV) has not changed much. Scrap pricing for fiber seems to have reached its bottom, and expect to see slight improvements in cardboard pricing, while mix paper remains unchanged. However, the fiber market remains unstable. Cardboard (OCC) and Mixed Paper pricing and movement remain dependent on the export market.

The ongoing trade war with China results in the cost US origin recovered fiber (cardboard and paper) being higher cost than those from other countries. In addition, China continues to reduce the quantity of fiber allowed into the country by slashing import permits and demanding quality levels with contamination levels below 0.5%, which is not achievable by MRFs in the US at equipment design throughput capacity.

SBR continues to monitor domestic and export markets so that recovered fiber is marketed to whichever region is consuming it. Several countries in SE Asia are beginning to look closer at inbound material quality, and some of them are placing serious restrictions on material with high levels of contamination. Recently Indonesia, a large market for mixed paper and OCC in SE Asia, decided on quality standards which are consistent with US industry practices (contamination 1%-2% and out-throws of 3%-4%) per Institute of Scrap Recycling Industry (ISRI) Paper Stock (PS) Guidelines.. However, Indonesia has not yet decided on their inspection procedures and variance protocol.

Dwight E Herring

Dwight E Herring
General Manager

8/15/2019

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**Certificate of Accuracy
July 2019**

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: 8/15/19

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
July 2019

	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	1.65	9.19	1.04	0.65	0.73	0.68	2.12	-	-	-	-	-	11.88	2.06	2.12	-	16.06
Residual from Recyclables	1,399.77	1,216.87	3,050.14	1,128.67	1,179.99	958.33	1,060.50	-	-	-	-	-	5,606.78	3,266.99	1,060.50	-	9,934.27
SBR Shop Box	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green/Organics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inerts/C&D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal - Disposed	1,341.42	1,226.06	3,051.18	1,129.32	1,180.72	959.01	1,062.62	-	-	-	-	-	5,618.66	3,269.05	1,062.62	-	9,950.33
Subtotal - Diverted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal - Diversion Percentage	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
OVERALL TOTAL	1,341.42	1,226.06	3,051.18	1,129.32	1,180.72	959.01	1,062.62	-	-	-	-	-	5,618.66	3,269.05	1,062.62	-	9,950.33
SUBTOTAL: SELF HAUL/BUYBACK SBR INTERNAL TONS																	
Municipal Solid Waste	3,708.04	2,493.90	4,325.73	3,718.98	4,241.23	5,346.54	3,543.82	-	-	-	-	-	10,527.67	13,306.75	3,543.82	-	27,378.24
Recyclables	124.40	98.88	120.10	151.47	137.69	199.80	136.80	-	-	-	-	-	343.38	428.97	136.80	-	909.15
Green/Organics	666.94	1,072.49	439.85	(348.50)	25.13	406.60	52.28	-	-	-	-	-	2,179.28	83.23	52.28	-	2,314.79
Inerts/C&D	2,723.74	2,561.41	2,888.81	3,403.30	3,240.01	3,356.03	4,176.50	-	-	-	-	-	8,173.96	9,999.34	4,176.50	-	22,349.80
Subtotal - Disposed	3,708.04	2,493.90	4,325.73	3,718.98	4,241.23	5,346.54	3,543.82	-	-	-	-	-	10,527.67	13,306.75	3,543.82	-	27,378.24
Subtotal - Diverted	3,515.08	3,732.78	3,448.76	3,206.27	3,402.83	3,902.43	4,365.58	-	-	-	-	-	10,696.62	10,511.54	4,365.58	-	25,573.74
Subtotal - Diversion Percentage	49%	60%	44%	46%	45%	42%	55%	0%	0%	0%	0%	0%	50%	44%	55%	0%	48%
OVERALL TOTAL	7,223.12	6,226.68	7,774.49	6,925.25	7,644.06	9,248.97	7,909.40	-	-	-	-	-	21,224.29	23,818.29	7,909.40	-	52,951.98
NON-FRANCHISE TONS																	
Municipal Solid Waste	353.22	346.95	383.54	346.72	380.59	493.25	389.74	-	-	-	-	-	1,083.71	1,220.56	389.74	-	2,694.01
Third Party Non-Contracted Recyclables	6.66	2.68	6.02	6.47	14.67	8.22	4.10	-	-	-	-	-	15.36	29.36	4.10	-	48.82
Third Party Contracted Recyclables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green/Organics	423.83	440.87	472.35	443.06	477.38	347.78	432.12	-	-	-	-	-	1,337.05	1,268.22	432.12	-	3,037.39
Inerts/C&D	605.02	481.27	439.53	470.36	426.46	407.30	522.54	-	-	-	-	-	1,525.82	1,304.12	522.54	-	3,352.48
Subtotal - Disposed	353.22	346.95	383.54	346.72	380.59	493.25	389.74	-	-	-	-	-	1,083.71	1,220.56	389.74	-	2,694.01
Subtotal - Diverted	1,033.51	924.82	917.90	919.69	918.51	763.30	958.76	-	-	-	-	-	2,678.23	2,601.70	958.76	-	6,438.69
Subtotal - Diversion Percentage	59%	57%	54%	57%	59%	44%	55%	0%	0%	0%	0%	0%	57%	52%	58%	0%	54%
OVERALL TOTAL	1,388.73	1,271.77	1,301.44	1,266.61	1,299.10	1,256.55	1,348.50	-	-	-	-	-	3,961.94	3,822.26	1,348.50	-	9,132.70
OVERALL TOTAL FACILITY TONS																	
Municipal Solid Waste	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	-	-	-	-	-	56,612.52	59,595.11	19,736.10	-	135,943.73
Recyclables	7,221.44	6,157.14	6,166.00	6,276.02	6,557.19	6,014.30	6,437.35	-	-	-	-	-	19,544.58	18,847.52	6,437.35	-	44,829.45
Recycling TS (Bulky, Franchise, TS Diversion)	121.26	108.23	119.91	108.62	116.02	98.86	112.75	-	-	-	-	-	349.40	323.50	112.75	-	785.65
Green/Organics	11,278.11	9,263.77	9,695.00	10,303.13	10,602.32	9,266.64	9,925.93	-	-	-	-	-	30,236.88	30,172.09	9,925.93	-	70,334.90
Inerts/C&D	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	-	-	-	-	-	10,511.94	12,136.31	5,014.50	-	27,662.75
Subtotal - Disposed	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	-	-	-	-	-	56,612.52	59,595.11	19,736.10	-	135,943.73
Subtotal - Diverted	22,206.22	18,875.14	19,561.44	20,833.30	21,249.53	19,396.58	21,490.53	-	-	-	-	-	60,642.80	61,479.42	21,490.53	-	143,612.75
Subtotal - Diversion Percentage	53%	52%	50%	52%	51%	49%	52%	0%	0%	0%	0%	0%	52%	51%	52%	0%	51%
OVERALL TOTAL	42,099.86	36,066.04	39,089.42	40,102.42	41,499.52	39,472.58	41,226.63	-	-	-	-	-	117,255.32	121,074.53	41,226.63	-	279,556.48
TRANSFER STATION & MRF VOLUME SUMMARY																	
Total Transfer Station Volume	34,878.42	29,908.90	32,923.42	33,826.40	34,942.33	33,458.28	34,789.28	-	-	-	-	-	97,710.74	102,227.01	34,789.28	-	234,727.03
Total MRF Volume	7,221.44	6,157.14	6,166.00	6,276.02	6,557.19	6,014.30	6,437.35	-	-	-	-	-	19,544.58	18,847.52	6,437.35	-	44,829.45
OVERALL TOTAL	42,099.86	36,066.04	39,089.42	40,102.42	41,499.52	39,472.58	41,226.63	-	-	-	-	-	117,255.32	121,074.53	41,226.63	-	279,556.48

Attachment 3
Shoreway Facility Outbound Summary Report
July 2019

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD	
Ox Mountain Solid Waste	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	-	-	-	-	-	56,612.52	59,595.11	19,736.10	-	135,943.73	
Other Landfill Solid Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Landfill Solid Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MSW	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	-	-	-	-	-	56,612.52	59,595.11	19,736.10	-	135,943.73	
INERT MATERIALS (C&D / INERTS) - OUTBOUND TONS																		
Zanker Road C&D	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	-	-	-	-	-	10,511.94	12,136.31	5,014.50	-	27,662.75	
Ox Mountain Inert Material	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL C&D / INERTS	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	-	-	-	-	-	10,511.94	12,136.31	5,014.50	-	27,662.75	
ORANICS / GREEN WASTE / FOOD WASTE - OUTBOUND TONS																		
Recology BVON Food	2,357.60	2,244.12	2,451.24	2,423.41	2,598.51	2,271.44	2,416.87	-	-	-	-	-	7,052.96	7,293.36	2,416.87	-	16,763.19	
Recology BVON Green/Organics	4,161.18	3,381.20	3,264.32	3,637.90	3,630.73	3,186.55	3,057.58	-	-	-	-	-	10,806.70	10,455.18	3,057.58	-	24,319.46	
Republic Newby Island Food	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Republic Newby Island Green/Organics	4,759.33	3,638.45	3,979.44	4,241.82	4,373.08	3,808.65	4,451.48	-	-	-	-	-	12,377.22	12,423.55	4,451.48	-	29,252.25	
Bofuel Systems Green Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zanker Road Green Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Disposal Site	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL ORGANICS / GREEN / FOOD WASTE	11,278.11	9,263.77	9,695.00	10,303.13	10,602.32	9,266.64	9,925.93	-	-	-	-	-	30,236.88	30,172.09	9,925.93	-	70,334.90	
OTHER DIVERSION - OUTBOUND TONS																		
Scrap Metal	71.51	56.57	57.90	53.63	60.71	40.32	47.55	-	-	-	-	-	185.98	154.66	47.55	-	388.19	
Household Batteries	5.91	3.17	2.51	3.08	4.13	1.60	3.59	-	-	-	-	-	11.59	8.81	3.59	-	23.99	
Refrigerators	6.87	11.24	19.34	12.53	16.64	7.95	13.24	-	-	-	-	-	37.45	37.12	13.24	-	87.81	
Electronic Materials	31.09	31.24	25.71	30.71	29.61	34.75	35.50	-	-	-	-	-	88.04	95.07	35.50	-	218.61	
Mattresses	7.87	8.05	14.28	9.40	9.06	13.86	12.16	-	-	-	-	-	30.20	32.32	12.16	-	74.68	
Tires	3.92	1.13	2.68	2.35	-	1.98	3.00	-	-	-	-	-	7.73	4.33	3.00	-	15.06	
Cardboard (outbound from Transfer to MRF)	5.93	2.85	1.98	2.47	2.08	0.91	1.05	-	-	-	-	-	10.76	5.46	1.05	-	17.27	
Mixed Plastic (outbound from Transfer to MRF)	-	-	-	-	-	0.04	-	-	-	-	-	-	-	0.04	-	-	-	0.04
Carpet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reusables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OTHER DIVERSION	133.10	114.25	124.40	114.17	122.23	101.41	116.09	-	-	-	-	-	371.75	337.81	116.09	-	825.65	
MATERIALS RECOVERY FACILITY & PUBLIC RECYCLING CENTER																		
Recyclable Fiber	3,543.44	2,181.80	2,494.14	2,862.73	3,875.29	3,380.96	3,392.45	-	-	-	-	-	8,219.38	10,118.98	3,392.45	-	21,730.81	
Recyclable Containers	2,130.18	1,788.29	1,482.60	1,346.39	1,950.28	1,673.54	1,624.96	-	-	-	-	-	5,401.07	4,970.21	1,624.96	-	11,996.24	
MRF Residual Franchise	1,338.77	1,216.87	3,050.14	1,128.67	1,179.98	958.33	1,060.50	-	-	-	-	-	5,606.78	3,266.99	1,060.50	-	9,934.27	
Drop Off	19.72	15.37	20.95	19.31	17.48	20.69	24.49	-	-	-	-	-	56.04	57.48	24.49	-	138.01	
TOTAL MRF & PUBLIC RECYCLING CENR	7,033.11	5,202.33	7,047.83	5,357.10	7,023.04	6,033.52	6,102.40	-	-	-	-	-	19,283.27	18,413.66	6,102.40	-	43,799.33	
SHOREWAY FACILITY SUMMARY																		
Municipal Solid Waste	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	-	-	-	-	-	56,612.52	59,595.11	19,736.10	-	135,943.73	
MRF Recyclables	7,033.11	5,202.33	7,047.83	5,357.10	7,023.04	6,033.52	6,102.40	-	-	-	-	-	19,283.27	18,413.66	6,102.40	-	43,799.33	
MRF/PRC Inventory (+/-)	188.33	954.81	(881.83)	918.92	(465.85)	(19.22)	334.95	-	-	-	-	-	261.31	433.86	334.95	-	1,030.12	
TS Recyclables	133.10	114.25	124.40	114.17	122.23	101.41	116.09	-	-	-	-	-	371.75	337.81	116.09	-	825.65	
Green/Organics	11,278.11	9,263.77	9,695.00	10,303.13	10,602.32	9,266.64	9,925.93	-	-	-	-	-	30,236.88	30,172.09	9,925.93	-	70,334.90	
Inerts/C&D	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	-	-	-	-	-	10,511.94	12,136.31	5,014.50	-	27,662.75	
OVERALL TOTAL	42,111.70	36,072.06	39,093.91	40,107.97	41,505.73	39,475.13	41,229.97	-	-	-	-	-	117,277.67	121,088.84	41,229.97	-	279,596.48	
SHOREWAY FACILITY DIVERSION TOTAL	52.31%	49.70%	52.30%	49.67%	52.33%	49.19%	51.32%	0.00%	0.00%	0.00%	0.00%	0.00%	51.50%	50.43%	51.32%	0.00%	51.01%	
Total Transfer Station Outbound	34,890.26	29,914.92	32,927.91	33,831.95	34,948.54	33,460.83	34,792.62	-	-	-	-	-	97,733.09	102,241.32	34,792.62	-	234,767.03	
Total MRF Outbound	7,221.44	6,157.14	6,166.00	6,276.02	6,557.19	6,014.30	6,437.35	-	-	-	-	-	19,544.58	18,847.52	6,437.35	-	44,829.45	
SHOREWAY FACILITY OUTBOUND TOTAL	42,111.70	36,072.06	39,093.91	40,107.97	41,505.73	39,475.13	41,229.97	-	-	-	-	-	117,277.67	121,088.84	41,229.97	-	279,596.48	

**Attachment 4
Commodity Value 13-Month Trend and Market Report
July 2019**

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19
Scrap Value Per Ton													
Fiber	\$ 35.40	\$ 41.49	\$ 41.87	\$ 45.74	\$ 48.25	\$ 36.64	\$ 43.53	\$ 36.75	\$ 41.79	\$ 22.57	\$ 18.54	\$ 22.50	\$ 24.50
Plastics	\$ 299.07	\$ 309.48	\$ 239.44	\$ 268.12	\$ 263.60	\$ 235.26	\$ 225.24	\$ 242.03	\$ 211.60	\$ 230.01	\$ 182.33	\$ 189.26	\$ 180.95
Aluminum	\$ 1,000.00	\$ 940.00	\$ 800.00	\$ 800.00	\$ 700.00	\$ 740.00	\$ 640.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ 560.00	\$ 540.00	\$ 540.00
Metal	\$ 95.99	\$ 104.01	\$ 87.18	\$ 91.14	\$ 86.94	\$ 78.60	\$ 64.65	\$ 64.11	\$ 75.72	\$ 73.69	\$ 65.18	\$ 74.80	\$ 70.69

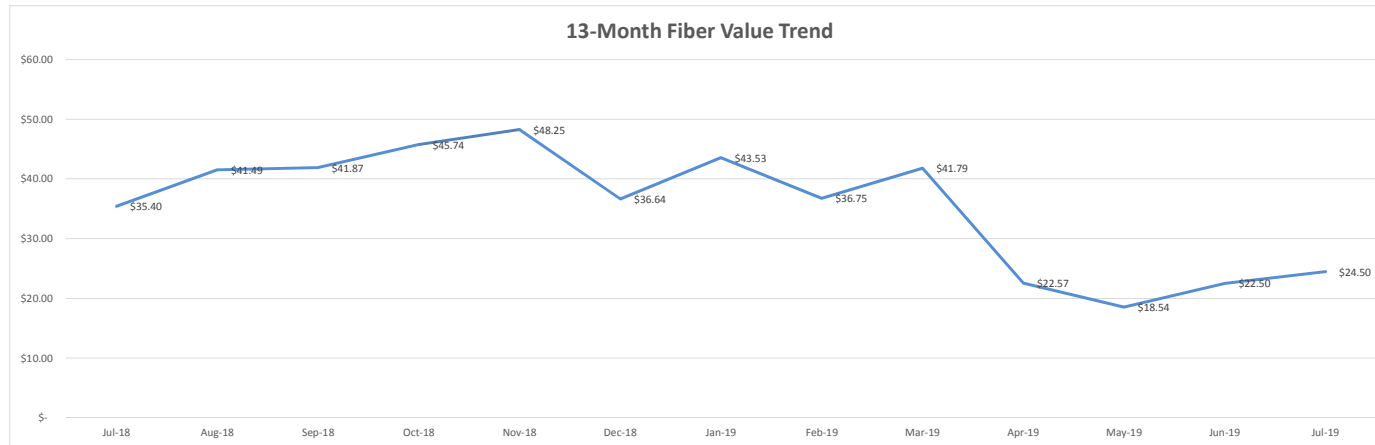
Scrap Value Variance													
Fiber	\$ 13.73	\$ 6.09	\$ 0.38	\$ 3.87	\$ 2.51	\$ (11.61)	\$ 6.89	\$ (6.78)	\$ 5.04	\$ (19.22)	\$ (4.03)	\$ 3.96	\$ 2.00
Plastics	\$ (10.64)	\$ 10.41	\$ (70.04)	\$ 28.68	\$ (4.52)	\$ (28.34)	\$ (10.02)	\$ 16.79	\$ (30.42)	\$ 18.40	\$ (47.67)	\$ 6.93	\$ (8.31)
Aluminum	\$ (100.00)	\$ (60.00)	\$ (140.00)	\$ -	\$ (100.00)	\$ 40.00	\$ (100.00)	\$ (40.00)	\$ -	\$ -	\$ (40.00)	\$ (20.00)	\$ (0.00)
Metal	\$ (10.75)	\$ 8.02	\$ (16.83)	\$ 3.97	\$ (4.20)	\$ (8.34)	\$ (13.96)	\$ (0.53)	\$ 11.61	\$ (2.02)	\$ (8.51)	\$ 9.62	\$ (4.11)

Percentage Increase/(Decrease)													
Fiber	39%	15%	1%	8%	5%	-32%	16%	-18%	12%	-85%	-22%	18%	8%
Plastics	-4%	3%	-29%	11%	-2%	-12%	-4%	7%	-14%	8%	-26%	4%	-5%
Aluminum	-10%	-6%	-18%	0%	-14%	5%	-16%	-7%	0%	0%	-7%	-4%	0%
Metal	-11%	8%	-19%	4%	-5%	-11%	-22%	-1%	15%	-3%	-13%	13%	-6%

Total Revenue - Containers	\$ 463,564.29	\$ 559,751.70	\$ 501,147.56	\$ 648,065.95	\$ 508,242.79	\$ 500,006.37	\$ 549,751.85	\$ 555,176.40	\$ 440,321.67	\$ 373,571.69	\$ 617,821.79	\$ 452,970.03	\$ 428,755.59
Total Revenue - Fiber	\$ 119,322.70	\$ 157,909.62	\$ 120,471.92	\$ 174,935.27	\$ 152,872.96	\$ 139,518.99	\$ 153,423.33	\$ 79,858.86	\$ 103,994.26	\$ 64,407.60	\$ 71,693.44	\$ 76,010.63	\$ 83,040.88
Total Revenue	\$ 582,886.99	\$ 717,661.32	\$ 621,619.48	\$ 823,001.22	\$ 661,115.75	\$ 639,525.36	\$ 703,175.18	\$ 635,035.26	\$ 544,315.93	\$ 437,979.29	\$ 689,515.23	\$ 528,980.66	\$ 511,796.47

Total Tons - Containers	1,308.90	1,973.68	1,413.39	1,773.58	1,678.40	1,699.60	2,130.18	1,788.29	1,482.60	1,346.39	1,950.28	1,673.50	1,624.96
Total Tons - Fiber	3,373.30	3,808.21	2,881.95	3,843.46	3,187.32	3,861.43	3,537.51	2,178.95	2,492.16	2,860.26	3,873.21	3,380.05	3,391.40
Total Tons	4,682.20	5,781.89	4,295.34	5,617.04	4,865.72	5,561.03	5,667.69	3,967.24	3,974.76	4,206.65	5,823.49	5,053.55	5,016.36

Avg Rate/Ton - Containers	\$ 354.16	\$ 283.61	\$ 354.57	\$ 365.40	\$ 302.81	\$ 294.19	\$ 258.08	\$ 310.45	\$ 296.99	\$ 277.46	\$ 316.79	\$ 270.67	\$ 263.86
Avg Rate/Ton - Fiber	\$ 35.37	\$ 41.47	\$ 41.80	\$ 45.52	\$ 47.96	\$ 36.13	\$ 43.37	\$ 36.65	\$ 41.73	\$ 22.52	\$ 18.51	\$ 22.49	\$ 24.49
Total Avg Rate/Ton	\$ 124.49	\$ 124.12	\$ 144.72	\$ 146.52	\$ 135.87	\$ 115.00	\$ 124.07	\$ 160.07	\$ 136.94	\$ 104.12	\$ 118.40	\$ 104.68	\$ 102.03



**Attachment 5
Trucking Efficiency Report
July 2019**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD	
Ox Mountain	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	-	-	-	-	-	56,612.52	59,595.11	19,736.10	-	135,943.73	
Loads	787.00	685.00	783.00	765.00	813.00	806.00	789.00	-	-	-	-	-	2,255.00	2,384.00	789.00	-	5,428.00	
Average Tons/Load	25.28	25.10	24.94	25.19	24.91	24.91	25.01	-	-	-	-	-	25.11	25.00	25.01	-	25.04	
Other Landfill																		
Loads																		
Average Tons/Load																		
TOTAL MUNICIPAL SOLID WASTE (MSW)																		
TONS	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	-	-	-	-	-	56,612.52	59,595.11	19,736.10	-	135,943.73	
LOADS	787.00	685.00	783.00	765.00	813.00	806.00	789.00	-	-	-	-	-	2,255.00	2,384.00	789.00	-	5,428.00	
AVERAGE TONS/LOAD	25.28	25.10	24.94	25.19	24.91	24.91	25.01	-	-	-	-	-	25.11	25.00	25.01	-	25.04	
Loads Saved / Month (est. 22 tons/Ld.)	138.29	114.58	125.28	131.24	128.86	127.77	128.96	-	-	-	-	-	318.30	324.87	108.10	-	751.26	
INERT MATERIALS (C&D / INERTS)																		
Zanker Road	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	-	-	-	-	-	10,511.94	12,136.31	5,014.50	-	27,662.75	
Loads	180.00	164.00	179.00	206.00	198.00	201.00	247.00	-	-	-	-	-	523.00	605.00	247.00	-	1,375.00	
Average Tons/Load	19.92	20.40	20.00	20.12	20.07	19.98	20.30	-	-	-	-	-	20.10	20.06	20.30	-	20.12	
OX Mountain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL C&D AND INERTS																		
TONS	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	-	-	-	-	-	10,511.94	12,136.31	5,014.50	-	27,662.75	
LOADS	180.00	164.00	179.00	206.00	198.00	201.00	247.00	-	-	-	-	-	523.00	605.00	247.00	-	1,375.00	
AVERAGE TONS/LOAD	19.92	20.40	20.00	20.12	20.07	19.98	20.30	-	-	-	-	-	20.10	20.06	20.30	-	20.12	
Loads Saved / Month (est. 19 tons/Ld.)	8.71	12.11	9.45	12.19	11.16	10.41	16.92	-	-	-	-	-	30.26	33.75	16.92	-	80.93	
GREEN WASTE/ORGANICS																		
Recology BVON	6,518.78	5,625.32	5,715.56	6,061.31	6,229.24	5,457.99	5,474.45	-	-	-	-	-	17,859.66	17,748.54	5,474.45	-	41,082.65	
Loads	272.00	234.00	236.00	250.00	255.00	223.00	224.00	-	-	-	-	-	742.00	728.00	224.00	-	1,694.00	
Average Tons/Load	23.97	24.04	24.22	24.25	24.43	24.48	24.44	-	-	-	-	-	24.07	24.38	24.44	-	24.25	
Republic Newby Island	4,759.33	3,638.45	3,979.44	4,241.82	4,373.08	3,808.65	4,451.48	-	-	-	-	-	12,377.22	12,423.55	4,451.48	-	29,252.25	
Loads	201.00	151.00	164.00	175.00	181.00	158.00	182.00	-	-	-	-	-	516.00	514.00	182.00	-	1,212.00	
Average Tons/Load	23.68	24.10	24.26	24.24	24.16	24.11	24.46	-	-	-	-	-	23.99	24.17	24.46	-	24.14	
Zanker Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biofuel Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Disposal Site	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL GREEN WASTE/ORGANICS																		
TONS	11,278.11	9,263.77	9,695.00	10,303.13	10,602.32	9,266.64	9,925.93	-	-	-	-	-	30,236.88	30,172.09	9,925.93	-	70,334.90	
LOADS	473.00	385.00	400.00	425.00	436.00	381.00	406.00	-	-	-	-	-	1,258.00	1,242.00	406.00	-	2,906.00	
AVERAGE TONS/LOAD	23.84	24.06	24.24	24.24	24.32	24.32	24.45	-	-	-	-	-	24.04	24.29	24.45	-	24.20	
Loads Saved / Month (est. 20 T/Ld.)	90.91	78.19	84.75	90.16	94.12	82.33	90.30	-	-	-	-	-	253.84	266.60	90.30	-	610.75	
OVERALL TRUCK TRIP SAVINGS/MONTH COMPARED TO 2010 ESTIMATES																		
OVERALL TRUCK TRIP SAV/MTH COMPARED TO EST	237.90	204.87	219.48	233.58	234.13	220.51	236.18	-	-	-	-	-	662.24	688.22	236.18	-	1,586.64	
Miles Saved	11,649.36	10,493.71	11,012.75	11,736.18	11,920.94	10,857.13	11,427.23	-	-	-	-	-	33,155.82	34,514.24	11,427.23	-	79,097.29	
Gallons of Fuels Saved	2,912.34	2,623.43	2,753.19	2,934.04	2,980.23	2,714.28	2,856.81	-	-	-	-	-	8,288.95	8,628.56	2,856.81	-	19,774.32	
Pounds of CO2 savings (22.2 lbs./gal of fuel)	64,653.93	58,240.10	61,120.75	65,135.79	66,161.20	60,257.06	63,421.14	-	-	-	-	-	184,014.79	191,554.05	63,421.14	-	438,989.98	
Pounds of Carbon savings (6.12 lbs./gal of fuel)	17,823.52	16,055.38	16,849.50	17,956.35	18,239.03	16,611.41	17,483.67	-	-	-	-	-	50,728.40	52,806.79	17,483.67	-	121,018.86	

Attachment 6
Self-Haul Monthly Yards/Ton Ratio
July 2019

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD
Outbound Tons shipped from Transfer	34,890.26	29,914.92	32,927.91	33,831.95	34,948.54	33,460.83	34,792.62	-	-	-	-	-	97,733.09	102,241.32	34,792.62	-	234,767.03
Inbound Tons to the Transfer Station	29,610.50	25,491.60	28,993.23	29,043.61	29,485.07	26,401.30	29,336.28	-	-	-	-	-	84,095.33	84,929.98	29,336.28	-	198,361.59
Mass Balance weight of Inbound Self-Haul material to TS	5,279.76	4,423.32	3,934.68	4,788.34	5,463.47	7,059.53	5,456.34	-	-	-	-	-	13,637.76	17,311.34	5,456.34	-	36,405.44
Total Inbound Cubic Yards for Self-Haul Loads	16,001.60	13,613.00	15,895.00	16,872.00	18,116.50	19,206.10	20,597.50	-	-	-	-	-	45,509.60	54,194.60	20,597.50	-	120,301.70
Self-Haul Conversion Ratio - yards/ton (Goal ≥ 2.76)	3.03	3.08	4.04	3.52	3.32	2.72	3.77	-	-	-	-	-	3.34	3.13	3.77	-	3.30
DIFFERENCE OF Self-Haul Conversion Ratio from 2.76	<i>0.27</i>	<i>0.32</i>	<i>1.28</i>	<i>0.76</i>	<i>0.56</i>	<i>(0.04)</i>	<i>1.01</i>						<i>0.58</i>	<i>0.37</i>	<i>1.01</i>		<i>0.54</i>

Attachment 7
Liquidated Damages
July 2019

		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
July 2019

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 1.23: Driver pulling self into cab felt pain in shoulder.	No LEA Inspection was conducted in January	SBR has posted and is currently conducting interviews with candidates for the positions of: - Administrative Assistant - Mechanic/Welder	Nothing to Report	Additional MRF Sort Labor and Bate 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 81.4%	Cardboard and Mix Paper pricing remained flat month over month, with the sale price at \$97 per ton and \$11 per ton respectively.	Nothing to Report
FEB 2.25: As Driver was opening the rear doors of the trailer, a boulder fell out and rolled on to his leg. Driver was sent to the Clinic and to a Specialist who determined his leg was fractured.	2/27 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	SBR has posted and is currently conducting interviews with candidates for the positions of: - Administrative Assistant - Mechanic/Welder Travis Dalton, Maintenance Supervisor tendered his resignation. SBR has made an offer to a candidate for this position.	Nothing to Report	Additional MRF Sort Labor and Bate Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In February, recovery rate was 81.2%	• OCC price dropped \$21 per ton to \$78 per ton. • MP price dropped \$10 per ton to \$1 per ton. • Container pricing improved \$20.75 per ton (in aggregate).	Nothing to Report
MAR 3.11: Driver broke his ankle walking on uneven pavement at OX Mountain LF.	3/22 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	SBR has posted and is currently conducting interviews with candidates for the positions of: - Administrative Assistant - Mechanic/Welder - Maintenance Super	Nothing to Report	Additional MRF Sort Labor and Bate Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In March, recovery rate was 80.6%	• OCC price dropped \$3 per ton to \$75 per ton. • MP price remained flat at \$1 per ton.	Nothing to Report
APR Nothing to Report	4/26 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	SBR has posted and is currently conducting interviews with candidates for the positions of: - Administrative Assistant - Mechanic/Welder - Maintenance Super - Casual Drivers	Nothing to Report	Additional MRF Sort Labor and Bate Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In April, recovery rate was 82.1%	• OCC price dropped \$15 per ton to \$60 per ton. • MP price dropped \$1 per ton to \$0 per ton.	Nothing to Report
MAY Nothing to Report	4/26 - There was no LEA Inspection in May.	SBR made offers of employment to individuals for the following positions: - Administrative Assistant - Mechanic/Welder - Maintenance Super	Nothing to Report	Additional MRF Sort Labor and Bate Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In May, recovery rate was 81.5%	• OCC price dropped \$8 per ton to \$52 per ton. • MP price remained at \$0 per ton.	Nothing to Report
JUN Nothing to Report	6/20 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	SBR filled the following positions: - Administrative Assistant - Mechanic/Welder - Maintenance Super - (1/3) Casual Drivers Darryl Sills, MRF Supervisor, tendered his resignation. Company will be replacing this position.	Nothing to Report	Additional MRF Sort Labor and Bate Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In June, recovery rate was 84.0%	• OCC price dropped \$3 per ton to \$47 per ton. • MP price increased from no value, to \$5 per ton.	Nothing to Report
JUL Nothing to Report	7/19 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Nothing to Report	Nothing to Report	Additional MRF Sort Labor and Bate Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In July, recovery rate was 84.0%	• OCC price increased \$5 per ton to \$52 per ton. • MP price remained flat at \$5 per ton.	Nothing to Report
AUG Nothing to Report						
SEP Nothing to Report						
OCT Nothing to Report						
NOV Nothing to Report						
DEC Nothing to Report						

**Attachment 9
Member Agency Monthly Tonnage Report
July 2019**

	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	73.29	55.47	33.52	57.45	93.40	81.42	62.56	-	-	-	-	-	162.28	232.27	62.56	-	457.11
Member Agency Recycling	SBR	-	-	-	-	-	-	0.76	-	-	-	-	-	-	-	0.76	-	0.76
Member Agency Organics	SBR	39.32	36.86	33.78	14.12	34.67	20.19	28.01	-	-	-	-	-	109.96	68.98	28.01	-	206.95
Member Agency Inert / C&D	SBR	88.62	39.84	143.92	137.63	206.71	152.62	209.47	-	-	-	-	-	272.38	496.96	209.47	-	978.81
Subtotal - Disposed		73.29	55.47	33.52	57.45	93.40	81.42	62.56	-	-	-	-	-	162.28	232.27	62.56	-	457.11
Subtotal - Diverted		127.94	76.70	177.70	151.75	241.38	172.81	238.24	-	-	-	-	-	382.34	565.94	238.24	-	1,186.52
Overall Subtotal		201.23	132.17	211.22	209.20	334.78	254.23	300.80	-	-	-	-	-	544.62	798.21	300.80	-	1,643.63
Transfer Station & Third Party																		
Self-Haul Solid Waste	SBR	1,815.91	945.70	966.80	1,942.98	2,227.18	3,202.41	1,851.18	-	-	-	-	-	3,728.40	7,372.58	1,851.18	-	12,952.16
MRF Residue		1,339.77	1,331.22	3,113.72	1,118.30	1,170.28	976.20	8.96	-	-	-	-	-	5,784.71	3,264.79	8.96	-	9,058.46
Transfer Station & Other Recycling	SBR	2,948.37	3,092.26	2,803.03	2,669.92	2,858.48	3,296.50	3,729.27	-	-	-	-	-	8,843.66	8,824.91	3,729.27	-	21,397.84
Self-Haul Green Waste	SBR	616.55	966.57	393.30	(315.57)	23.11	366.45	46.41	-	-	-	-	-	1,976.41	73.99	46.41	-	2,096.82
Self-Haul Inert / C&D	SBR	2,276.31	2,082.31	2,352.70	2,934.99	2,783.97	2,890.25	3,626.75	-	-	-	-	-	6,711.32	8,599.20	3,626.75	-	18,937.28
Subtotal - Disposed		3,155.68	2,276.92	4,080.52	3,061.28	3,397.46	4,178.62	1,860.13	-	-	-	-	-	9,513.12	10,637.36	1,860.13	-	22,010.61
Subtotal - Diverted		5,841.23	6,141.13	5,549.04	5,289.34	5,665.56	6,543.21	7,402.44	-	-	-	-	-	17,531.40	17,498.11	7,402.44	-	42,431.94
Overall Subtotal		8,996.91	8,418.05	9,629.55	8,350.63	9,063.02	10,721.82	9,262.57	-	-	-	-	-	27,044.51	28,135.47	9,262.57	-	64,442.56
NON-SBWMA JURISDICTIONS																		
Transfer Station & Third Party																		
Self-Haul Solid Waste	SBR	550.71	322.14	307.75	646.68	833.33	1,185.12	630.02	-	-	-	-	-	1,180.61	2,665.12	630.02	-	4,475.75
Transfer Station & Other Recycling	SBR	510.75	595.69	595.62	447.14	469.74	526.38	568.53	-	-	-	-	-	1,702.06	1,443.26	568.53	-	3,713.86
Self-Haul Green Waste	SBR	50.39	105.92	46.55	(32.93)	2.02	40.15	5.87	-	-	-	-	-	202.87	9.24	5.87	-	217.97
Self-Haul Inert / C&D	SBR	447.43	479.10	536.11	468.31	456.04	475.78	549.75	-	-	-	-	-	1,462.64	1,400.14	549.75	-	3,412.52
Subtotal - Disposed		550.71	322.14	307.75	646.68	833.33	1,185.12	630.02	-	-	-	-	-	1,180.61	2,665.12	630.02	-	4,475.75
Subtotal - Diverted		1,008.57	1,180.72	1,178.28	882.52	927.81	1,042.30	1,124.14	-	-	-	-	-	3,367.56	2,852.64	1,124.14	-	7,344.34
Overall Subtotal		1,559.28	1,502.86	1,486.03	1,529.20	1,761.14	2,227.42	1,754.17	-	-	-	-	-	4,548.17	5,517.76	1,754.17	-	11,820.09
Transfer Station Diversion Rate		64.68%	78.56%	79.29%	57.71%	52.68%	46.79%	64.08%	0.00%	0.00%	0.00%	0.00%	0.00%	74.04%	51.70%	64.08%	#DIV/0!	62.13%
SEC SUMMARY																		
Transfer Station & Third Party																		
Self-Haul Solid Waste	SBR	2,366.62	1,267.84	1,274.55	2,589.66	3,060.51	4,387.53	2,481.20	-	-	-	-	-	4,909.01	10,037.70	2,481.20	-	17,427.91
Transfer Station & Other Recycling	SBR	3,459.11	3,687.95	3,398.65	3,117.07	3,328.23	3,822.88	4,297.80	-	-	-	-	-	10,545.72	10,268.17	4,297.80	-	25,111.70
Self-Haul Green Waste	SBR	666.94	1,072.49	439.85	(348.50)	25.13	406.60	52.28	-	-	-	-	-	2,179.28	83.23	52.28	-	2,314.79
Self-Haul Inert / C&D	SBR	2,723.74	2,561.41	2,888.81	3,403.30	3,240.01	3,356.03	4,176.50	-	-	-	-	-	8,173.96	9,999.34	4,176.50	-	22,349.80
Subtotal - Disposed		2,366.62	1,267.84	1,274.55	2,589.66	3,060.51	4,387.53	2,481.20	-	-	-	-	-	4,909.01	10,037.70	2,481.20	-	17,427.91
Subtotal - Diverted		6,849.79	7,321.85	6,727.31	6,171.87	6,593.37	7,585.51	8,526.58	-	-	-	-	-	20,898.96	20,350.74	8,526.58	-	49,776.29
Overall Subtotal		9,216.41	8,589.69	8,001.86	8,761.53	9,653.88	11,973.04	11,007.78	-	-	-	-	-	25,807.97	30,388.44	11,007.78	-	67,204.20
Transfer Station Diversion Rate		74.32%	85.24%	84.07%	70.44%	68.30%	63.35%	77.46%	0.00%	0.00%	0.00%	0.00%	0.00%	80.98%	66.97%	77.46%	#DIV/0!	74.07%
OVERALL SEC SUMMARY		9,216.41	8,589.69	8,001.86	8,761.53	9,653.88	11,973.04	11,007.78	-	-	-	-	-	25,807.97	30,388.44	11,007.78	-	67,204.20