



TOWN OF FAIRFAX

STAFF REPORT

September 7, 2016

TO: Mayor and Town Council

FROM: Michele Gardner, Town Clerk 

SUBJECT: Acceptance of Marin Sanitary Service Second Quarterly Report (April-June 2016)

RECOMMENDATION

Accept the report.

DISCUSSION

Attached is the Second Quarterly Report from Marin Sanitary Service for the Council's review and acceptance. The report covers the period from April through June 2016.

ATTACHMENT

Marin Sanitary Service Second Quarterly Report

Town of Fairfax

Quarterly Report April-June, 2016

Marin Sanitary Service

CONSERVATION – OUR EARTH, OUR MISSION, OUR JOB



2016

Authored by: Kimberly Scheibly, Director of Compliance & Customer Relations

Town of Fairfax

Quarterly Report April-June, 2016

Curbside Collection: Residential, Commercial & Multifamily

Residential Recycling Rates by Weight and by Volume

Tables 1 (Fairfax) and 2 (MSS Service Area) show the total gross available service volume in cubic yards. This is the cumulative amount of service subscribed to by residential customers. Table 3 shows the actual tonnage collected and diverted for residential customers. The volumetric recycling rate remains higher (80%) than the entire MSS Service Area (77%) even though there was no change from similar time period in 2015. Fewer tons were sent to the landfill Q2 2016 compared to Q2 2015 and the weight based recycling rate increased 2%.

TABLE 1: FAIRFAX RESIDENTIAL RECYCLING RATE BY VOLUMETRIC SERVICE LEVELS (CUBIC YARDS OF SERVICE)

Fairfax Residential Total Gross Service Volume (Cubic Yards)		
Material	Q2 2016	Q2 2015
Landfill	394	403
Recycle	798	815
Organics	796	797
Recycling Rate	80%	80%

TABLE 2: MSS SERVICE AREA RESIDENTIAL RECYCLING RATE BY VOLUMETRIC SERVICE LEVELS (CUBIC YARDS OF SERVICE)

MSS Service Residential Total Gross Service Volume (Cubic Yards)		
Material	Q2 2016	Q2 2015
Landfill	5,590	5,663
Recycle	9,557	9,515
Organics	9,633	9,584
Recycling Rate	77%	77%

TABLE 3: RESIDENTIAL RECYCLING RATES BY WEIGHT (TONS)

	RESIDENTIAL	
	Q2 2015	Q2 2016
Tons Collected:		
Curbside Yard Waste	378	409
Curbside Recycle	248	233
Transfer Station	293	271
Commercial Food Waste (F2E)	* N/A	* N/A
Commercial processed at MRRC	* N/A	* N/A
Total Tons Collected	919	914

*Commercial yard waste is co-collected with residential yard waste. Tonnage is included with Residential. F2E and Commercial Processed at MRRC are included in Commercial.

	RESIDENTIAL	
	Q2 2015	Q2 2016
Tons Diverted:		
Curbside Yard Waste	378	409
Curbside Recycle	248	233
Commercial Food Waste (F2E)	* N/A	* N/A
Commercial recovered through MRRC	* N/A	* N/A
Total Tons Diverted	626	642
*Commercial yard waste is co-collected with residential yard waste. Tonnage is included with Residential. F2E and Commercial Processed at MRRC are included in Commercial.		
Recycling Rate	68%	70%
Landfilled	293	271

Commercial and Multifamily Recycling Rates by Weight and by Volume

Tables 4 (Fairfax) and 5 (MSS Service Area) show the total gross available service volume in cubic yards. This is the cumulative amount of service subscribed to for commercial and multifamily customers. Table 6 shows the actual tonnage collected and diverted for commercial customers. The volumetric recycling rate decreased 3% from Q2 2015 to Q2 2016; however, it remains higher than the entire MSS Service Area. Fewer tons were sent to the landfill Q2 2016 compared to Q2 2015 and the weight based recycling rate is 3% higher.

TABLE 4: FAIRFAX COMMERCIAL/MULTIFAMILY VOLUMETRIC SERVICE RECYCLING RATE (CUBIC YARDS OF SERVICE)

Fairfax Commercial/Multifamily Total Gross Service Volume (Cubic Yards)		
Material	Q2 2016	Q2 2015
Landfill	286	286
Recycle	133	172
Organics	32	22
Recycling Rate	37%	40%

TABLE 5: MSS SERVICE AREA COMMERCIAL/MULTIFAMILY VOLUMETRIC SERVICE RECYCLING RATE (CUBIC YARDS OF SERVICE)

MSS Service Commercial/Multifamily Total Gross Service Volume (Cubic Yards)		
Material	Q2 2016	Q2 2015
Landfill	10,863	11,150
Recycle	5,732	5,367
Organics	426	509
Recycling Rate	36%	35%

TABLE 6: COMMERCIAL RECYCLING RATE BY WEIGHT (TONS)

	COMMERCIAL	
	Q2 2015	Q2 2016
Tons Collected:		
Curbside Yard Waste	* N/A	* N/A
Curbside Recycle	93	95
Transfer Station	276	267
Commercial Food Waste (F2E)	15	22
Commercial processed at MRRC	35	43
Total Tons Collected	418	426

*Commercial yard waste is co-collected with residential yard waste. Tonnage is included with Residential. F2E and Commercial Processed at MRRC are included in Commercial.

	COMMERCIAL	
	Q2 2015	Q2 2016
Tons Diverted:		
Curbside Yard Waste	* N/A	* N/A
Curbside Recycle	93	95
Commercial Food Waste (F2E)	15	22
Commercial recovered through MRRC	26	32
Total Tons Recycled	134	149

*Commercial yard waste is co-collected with residential yard waste. Tonnage is included with Residential. F2E and Commercial Processed at MRRC are included in Commercial.

Recycling Rate	32%	35%
Landfilled	284	277

Total Fairfax (Residential, Commercial and Multifamily) Recycling Rates by Weight and Diversion Service Participation Rates

From Q2 2015 to Q2 2016, there has been an overall recycling rate increase of 2% (Table 7). The overall tons sent to the landfill have decreased by 31 tons while the overall tons collected and diverted have increased.

TABLE 7: FAIRFAX OVERALL RECYCLING RATE BY WEIGHT (TONS) Q2 2015 COMPARED TO Q22016.

	Fairfax TOTAL	
	Q2 2015	Q2 2016
Tons Collected:		
Curbside Yard Waste	378	409
Curbside Recycle	341	328
Transfer Station	569	538
Commercial Food Waste (F2E)	15	22
Commercial processed at MRRC	35	43
Total Tons Collected	1,338	1,340

	Fairfax TOTAL	
	Q2 2015	Q2 2016
Tons Diverted:		
Curbside Yard Waste	378	409
Curbside Recycle	341	328
Commercial Food Waste (F2E)	15	22
Commercial recovered through MRRC	26	32
Total Tons Recycled	760	791
Recycling Rate	57%	59%
Landfilled Tons	578	549

Residential Service Levels

Table 8 below details the Residential service levels and the percentage change from Q2 2015 to Q2 2016. The number of subscriptions to 20 gallon landfill carts have increased while the number of subscriptions to 32 and 64 gallon landfill carts has decreased. MSS continues to discourage the use of 96 gallon carts by customers. Households with infants/young children report the need for the 96 gallon landfill carts. These numbers are only for MSS supplied tipper carts and do not reflect customer owned cans or bags that contain extra garbage, yard waste and/or recycling.

TABLE 8: RESIDENTIAL CURBSIDE SUBSCRIPTIONS TO RECYCLING, ORGANICS & GARBAGE

Residential Weekly Garbage Service			
CART size	Q2 2016	Q2 2015	% Change
20 gallon	610	512	19%
32 gallon	1,780	1,897	-6%
64 gallon	146	152	-4%
96 gallon	11	7	57%
Residential Weekly Dual Sort Recycling Service			
CART size	Q2 2016	Q2 2015	% Change
5 gallon buckets	53	61	-13%
32 gallon	1	2	-50%
64 gallon	2,407	2,510	-4%
96 gallon	72	39	85%
Residential Weekly Compost			
CART size	Q2 2016	Q2 2015	% Change
35 gallon	55	34	62%
64 gallon	2,429	2,431	0%
96 gallon	38	45	-16%

Multifamily Dwelling (MFD) Service Levels

Table 9 shows the overall service collections per week for all multifamily dwellings in the Town. This does not show how many containers are in service but how many times a certain size container is emptied each week. For instance, a customer may have one 32-gallon cart but it is emptied six days per week. This would count as six 32-gallon pick-ups. From Q2 2015 to Q2 2016, there were two additional collections of a 3-yard landfill bin. Diversion services have increased, especially for the organics program. MSS is

hopeful that with increased outreach & education and the partnership with Sustainable Fairfax, we will continue to see a decrease in landfill and an increase in diversion services.

TABLE 9: CURBSIDE WEEKLY COLLECTIONS FOR RECYCLING, ORGANICS & GARBAGE FOR MULTIFAMILY DWELLINGS

MULTIFAMILY DWELLINGS CONTAINERS			
MFD Weekly Garbage Service			
Container size	Q2 2016	Q2 2015	% Change
20 gallon	0	0	
32 gallon	153	153	0%
64 gallon	36	36	0%
96 gallon	23	23	0%
1 yard	3	3	0%
2 yard	4	4	0%
3 yard	4	2	100%
4 yard	1	1	0%
MFD Weekly Recycling Services			
CART size	Q2 2016	Q2 2015	% Change
32 gallon	2	2	0%
64 gallon	209	197	6%
96 gallon	12	12	0%
MFD Weekly Compost			
CART size	Q2 2016	Q2 2015	% Change
32 gallon	4	2	100%
64 gallon	34	26	31%
96 gallon	2	2	0%

Commercial Service Levels

While there has been some change in subscription to the various size containers, overall landfill services remain relatively stable. The level of “diversion” services, however, continue to increase (Table 10). This is due to our partnership with Sustainable Fairfax and the enhanced commercial recycling service offerings and outreach & education by MSS. Since roll-off boxes and compactors are weighed individually, they are not covered in the overall service yardage report.

TABLE 10: CURBSIDE WEEKLY COLLECTIONS FOR RECYCLING, ORGANICS & GARBAGE FOR COMMERCIAL BUSINESSES

COMMERCIAL CONTAINERS			
Commercial Weekly Garbage Service			
CART size	Q2 2016	Q2 2015	% Change
32 gallon	60	60	0%
64 gallon	24	22	9%
96 gallon	11	12	-8%
1 yard	8	8	0%
2 yard	12	13	-8%
3 yard	17	16	6%
4 yard	2	2	0%
6 yard	0	1	-100%

Commercial Weekly Recycling Services			
CART size	Q2 2016	Q2 2015	% Change
5 gallon	2	3	-33%
32 gallon	36	25	44%
64 gallon	216	212	2%
96 gallon	16	16	0%
Commercial Weekly Compost			
CART size	Q2 2016	Q2 2015	% Change
32 gallon	3	1	200%
64 gallon	45	34	32%
Commercial Food 2 Energy			
CART size	Q2 2016	Q2 2015	% Change
32 F2E	8	4	100%
64 F2E	3	4	-25%

Mandatory Commercial Recycling Compliance

MSS is working with the Town and Sustainable Fairfax to implement recycling and/or organic services at all Commercial and Multifamily Dwellings per the Town's Mandatory Commercial Recycling Ordinance, [8.08.130](#). Currently, all multifamily and commercial businesses are compliant with the Town's recycling ordinance (Table 11). Thirty commercial business are enrolled in an organics recycling program: 22 (4 schools, 3 churches, 15 businesses, and the Town Corp yard) are enrolled in the commercial compost program and 10 restaurants are enrolled in the commercial food to energy program (Table 12). All Multifamily Dwellings (Apartments with 4 or more units) have recycling and 20 have organics composting service.

TABLE 11 COMPLIANCE: COMMERCIAL BUSINESSES AND APARTMENTS

Customer Type	Required and NOT compliant	Required and compliant	Grand Total
Multifamily Dwelling	0	26	26
Commercial Business	0	96	96
Total	0	119	122

TABLE 12: F2E PARTICIPANTS

1	Mana Bowls
2	Perry's Deli
3	Café Lotus
4	Miyoko's Kitchen
5	Sorella Café
6	Grilly's Restaurant
7	Red Boy Pizza
8	The Coffee Roastery
9	Taste Kitchen and Table
10	The Hummingbird

Market Values of Materials Diverted

Overall, salvage prices per ton for primary curbside commodities have been decreasing. This trend is expected to continue. Table 13 shows the per ton price for glass and aluminum Q2 2015 compared to Q2 2016. The price per ton of glass has increased slightly while the price per ton of aluminum has decreased slightly. Figures 1 and 2 show the average scrap values per ton of plastics and papers respectively Q2 2015 compared to Q2 2016. There continues to be no markets for the #3-7 plastics.

TABLE 8 AVERAGE MARKET PER TON VALUE OF CURBSIDE ALUMINUM AND GLASS Q2 2015 AND Q2 2016

COMMODITY	Q2 2016	Q2 2015
ALUMINUM	\$1,097	\$1,193
GLASS	\$20	\$18

FIGURE 1 AVERAGE MARKET PER TON VALUE OF CURBSIDE PLASTICS Q2 2015 AND Q2 2016 (\$0.00 DENOTES NO SALE THAT QUARTER)

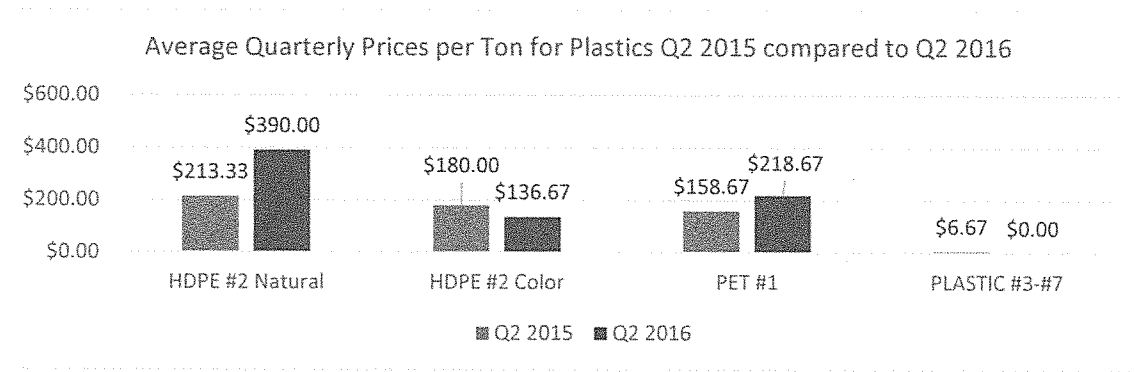
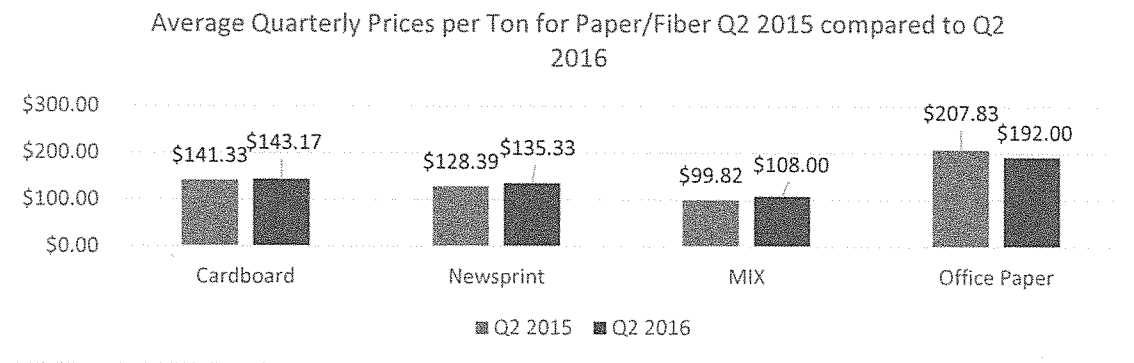


FIGURE 2 AVERAGE MARKET VALUE PER TON OF CURBSIDE PAPER/FIBER Q2 2015 AND Q2 2016



Household Hazardous Waste (HHW)

Table 14 compares participation in the HHW program by customer type for Q2 2015 and Q2 2016. Due to poor participation in the Residential curbside HHW collection program, beginning July 1, 2016, this program will be eliminated and replaced with a scheduled curbside collection of extra recycling/yard waste/garbage and an on-call collection of two bulky items.

TABLE 9 HHW PARTICIPANTS BY CUSTOMER MONTH

	Q2 2015	Q2 2016
CUSTOMER TYPE	PARTICIPANTS	PARTICIPANTS
RESIDENTIAL	373	369
CESQG	2	7
RESIDENTIAL CURBSIDE COLLECTION (RCC)	1	3

Customer Service

In the second quarter of 2016, there were a total of 3,311 calls from the Town. This includes all calls for rate regulated and non-rate regulated services for all three MSS companies (Marin Recycling and Marin Resource Recovery). We are working to refine our phone system to more accurately report calls from the Town for rate regulated calls only. Of these, 129 were for complaint related issues. Table 15 below compares Q2 2015 to Q2 2016.

TABLE 10: CUSTOMER CALL LOG

Calls	Q2 2015	Q2 2016
Total Incoming Calls	2,314	3,311
Calls for Missed Pick Ups	73	79
Calls for Cart Repair/Replacement	30	50

Zero Waste Events

Take Back Day April 30, 2016



Another successful Zero Waste Event Partnership! Sustainable Fairfax, Conservation Corp North Bay, Marin Sanitary Service and the Fairfax Police department hosted the annual Take Back Day on April 30, 2016. **100% of all material collected was diverted** (Table 16).

TABLE 16: TAKE BACK DAY DIVERSION RATES 2013-2014

Material	2015	2016
E-waste	4,245	4,450
Document Shredding	2,860	2,440
Pharmaceutical Waste	0	148
Landfill	225	0
Diversion Rate	97%	100%
Participants	191	186

Fairfax Festival June 11-12, 2016



In collaboration with Sustainable Fairfax, MSS was able to provide services and event waste management guidance to the town for the Fairfax Festival June 11-12, 2016. The Fairfax Festival was a huge success both in providing entertainment and activities to patrons and in diverting wasted material from the landfill (Table 17).

Festival accomplishments:

- Less landfilled material!
- More cardboard recycled!
- Composted more organics!

TABLE 17: FAIRFAX FESTIVAL RECYCLING RATES 2015-2016

Material	2015	2016
Cardboard	160	900
Compost	750	559
MSS Recycling	90	0*
CCNB Recycling	1582	667
Landfill	750	449
Recycling Rate	77%	83%

*All recycling was managed by CCNB for 2016 except cardboard.

Recommendations for next year include:

- Streamline the signage to eliminate confusion.
- Have CCNB staff at every sorting station to educate people on what goes in which bin.
- Having booth and vendors sign contracts to not give out “swag” that may end up in the garbage.
- Ensure all vendors only serve food in beverages in truly compostable and recyclable materials.