



MEMORANDUM

Date: June 6, 2017
To: Council Members

From: Gloria Hurtado, Deputy City Manager
Subject: Garbage Rate Increase

North Bay Corporation has requested their annual Refuse Rate Index (RRI) adjustment, which is a provision of their current contract. The City contracted with R3 Consulting Group, Inc. to review the request. The attached memo includes the details of the R3 analysis and revised rate sheets, effective July 1, 2017.

Also included in the rates, is the disposal charge pass through increase resulting from landfill tipping fee and green waste tipping fee increases implemented by Republic Services of Sonoma County. The increases implemented by Republic Services are included in provisions of the Master Operations Agreement.

The residential customer increase for a 32-gallon cart from July 2016 to July 2017 is \$0.29.

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To: Ms. Gloria Hurtado, Deputy City Manager
From: Carrie Baxter, R3 Consulting Group
Date: May 22, 2017
Subject: Santa Rosa Refuse and Recycling Inc.’s Refuse Rate Index Application Memo
Attachments: Attachment A – Comparison of Current Rates and R3’s Correction of Proposed Rates

R3 Consulting Group (R3) was engaged by the City of Santa Rosa (City) to review Santa Rosa Refuse and Recycling Inc. (SR&R)’s Refuse Rate Index (RRI) application for a rate increase effective July 1, 2017. This memorandum presents the findings of our review of SR&R’s RRI application. Attachment A contains a comparison of the current customer rates and R3’s correction of SR&R’s proposed customer rates.

Refuse Rate Application

The rate application has two separate customer rate components that comprise the total customer rates. These are summarized below:

- **Collection Component:** This component is adjusted by the annual change in five (5) price indices produced by the US Bureau of Labor Statistics (BLS), SR&R’s annual financial statement, and SR&R’s diversion report.
 - **Financial Statement:** Each cost category (Labor, Fuel, Vehicle Replacement, Vehicle Maintenance, and All Other) is assigned a weighted percentage factor based on the category’s proportionate share of the total costs shown on the financial statement.
 - **Diversion Report:** The diversion adjustment is applied to the Collection Component based on the previous year’s diversion achievement. The diversion adjustment is as follows:

Table 1
Diversion Adjustment

Diversion Rate Between	Diversion Adjustment
0-25%	50%
25.01-45%	75%
Over 45%	100%

- **Disposal Component:** This component is determined by the change in the landfill tipping fee and the green waste tipping fee.

Summary Findings

Collection Component

The franchise agreement specifies that the collection component of the total rate is to be calculated using the changes in the five (5) price indices produced by the U.S. Bureau of Labor Statistics (BLS). Changes in these indices are applied to SR&R's collection cost categories as specified in the franchise agreement. This is shown in Table 2 below.

Table 2
Collection Component Calculations

Cost Category	SR&R Collection Cost	% Weight of Total Cost	% Change in BLS Index	Weighted % Change
Labor	\$7,436,346	55.16%	2.30%	1.27%
Fuel	\$932,125	6.91%	-5.42%	-0.38%
Vehicle Replacement	\$1,243,483	9.22%	1.00%	0.09%
Vehicle Maintenance	\$903,881	6.70%	1.41%	0.09%
All Other	\$2,966,133	22.00%	3.16%	0.52%
TOTAL	\$13,481,968	100%	2.45%	1.60%

R3 identified some errors in SR&R's adjusted collection component. When calculating the fuel category and the vehicle maintenance category, it appears that preliminary data has been used annually (December of previous year through March of current year) and minor changes have occurred after SR&R's application was submitted each year. R3 has not adjusted any previous year's data; however, there was one instance in the fuel category and two instances in the vehicle maintenance category that the preliminary data has changed since the current application was submitted to the City. R3 adjusted the collection component to be reflective of the new (i.e. current) data points for the fuel and vehicle maintenance categories.

R3 also found that SR&R used a different series ID for the vehicle maintenance and vehicle replacement categories.

- **Vehicle Maintenance:** It appears that the vehicle maintenance series ID is still updated; however, it was not updated from July 2008 through December 2009. This caused a gap in the index which prevented SR&R to continue adjusting the rates as specified in the franchise agreement. An updated index (Series ID: PCU333924333924) has been used as a replacement by both R3 and SR&R.
- **Vehicle Replacement:** The vehicle replacement series ID that is included in the franchise agreement is no longer being published. An updated index (Series ID: PCU336211336211) has been used as a replacement by both R3 and SR&R.

Financial Statement

In reviewing the 2016 financial statement submitted by SR&R, there was a notable increase in the labor costs from 2015 to 2016. The increase was approximately \$1 million dollars. All other cost categories had nominal deviations.

Diversions Report

SR&R submitted the 2016 annual diversion report of exclusive franchise materials collected in the City. The following table shows the total exclusive franchise tons collected, processed, recycled, and disposed resulting in a 36.59% diversion rate. Based on these results, a 75% diversion adjustment was applied to the collection component.

Table 3
City of Santa Rosa 2016 Diversion Report (tons)

	Generated	Processed	Recycled	Disposed
Recycling Materials	36,623.84	36,623.84	27,597.39	9,026.45
Food Waste	3,963.20	3,963.20	3,963.20	0
Residential Green Waste	25,155.86	25,155.86	25,155.86	0
C&D Boxes	344.76	344.76	253.73	0
Garbage (SFD/MFD/Commercial)	89,625.04	0	0	89,625.04
Total	155,712.70	66,087.66	56,970.18	98,651.49

Disposal Component

SR&R's RRI application does not include an adjustment to the disposal component due to no change in the current landfill tipping fee of \$134.36 per ton and green waste tipping fee of \$76.53 per ton. These were previously adjusted in the disposal pass through increase request submitted by SR&R in March 2017.

Refuse Rate Index Adjustments

SR&R's annual rate adjustment application included a 1.60% increase in the collection component of the customer rates. R3's calculations produced the same result; however, some rates had minor adjustments due to the changes to the preliminary data previously mentioned. The corrected rates are provided in Attachment A. The disposal component had no increase due to no change in the current landfill and green waste tipping fees.

Recommendations

The City should adopt the revised customer rate adjustments calculated by R3, effective July 1, 2017, which will result in the following average percentage adjustments over current customer rates:

- Residential Carts (0.64% increase)
- Commercial Carts (0.65% increase)
- Commercial Bins (0.69% increase)
- Roll-off Boxes (1.21% increase)

Attachment A

City of Santa Rosa

Current Rates and Proposed Rates Effective April 1, 2017

City of Santa Rosa
Solid Waste Recycling And Collection Rates
Residential Collection Service Rates per Month
Effective 4/1/2017

City of Santa Rosa
Solid Waste Recycling And Collection Rates
Residential Collection Service Rates per Month
Effective 7/1/2016

Table 1 - Senior Citizen and Mobile Home Residential Collection Service Rates

Garbage Cart Size	20 Gallon	32 Gallon	64 Gallon	96 Gallon
Collection Service Rate	\$ 12.61	\$ 13.87	\$ 22.03	\$ 34.56

Table 2 - Residential Collection Service Rates

Garbage Cart Size	20 Gallon	32 Gallon	64 Gallon	96 Gallon
Collection Service Rate	\$ 14.72	\$ 16.97	\$ 25.95	\$ 41.12

Table 3 - Additional Service Rates

Service	All Sizes
Additional Yard Waste Cart Monthly Rate	\$ 28.87
Additional Garbage Collection Rate (Per Collection)	\$ 4.83
Additional Large Item Collection Rate (3 Cu. Yd.)	\$ 69.71
Additional Cart Exchange Rate (Per Exchange)	\$ 8.04

Table 1 - Senior Citizen and Mobile Home Residential Collection Service Rates

Garbage Cart Size	20 Gallon	32 Gallon	64 Gallon	96 Gallon
Collection Service Rate	\$ 12.45	\$ 13.70	\$ 21.78	\$ 34.14

Table 2 - Residential Collection Service Rates

Garbage Cart Size	20 Gallon	32 Gallon	64 Gallon	96 Gallon
Collection Service Rate	\$ 14.55	\$ 16.76	\$ 25.66	\$ 40.63

Table 3 - Additional Service Rates

Service	All Sizes
Additional Yard Waste Cart Monthly Rate	\$ 28.76
Additional Garbage Collection Rate (Per Collection)	\$ 4.83
Additional Large Item Collection Rate (3 Cu. Yd.)	\$ 69.71
Additional Cart Exchange Rate (Per Exchange)	\$ 8.04

Multi-family Collection Service Rates per Month

Table 4 - Multi-family Collection Service Rates

	1/Week	2/Week	3/Week	4/Week	5/Week	6/Week	7/Week
96 Gallon	\$ 38.81	\$ 77.63	\$ 116.44	\$ 155.28	\$ 194.10	\$ 232.92	\$ 271.76
1 Cu. Yd.	\$ 171.77	\$ 264.96	\$ 360.65	\$ 463.35	\$ 620.66	\$ 736.74	\$ 862.83
1.5 Cu. Yd.	\$ 221.51	\$ 369.88	\$ 514.74	\$ 670.76	\$ 827.61	\$ 983.80	\$ 1,139.98
2 Cu. Yd.	\$ 271.30	\$ 474.80	\$ 668.95	\$ 878.16	\$ 1,034.56	\$ 1,230.85	\$ 1,427.13
3 Cu. Yd.	\$ 334.85	\$ 621.57	\$ 832.23	\$ 1,081.75	\$ 1,335.64	\$ 1,592.65	\$ 1,849.47
4 Cu. Yd.	\$ 420.51	\$ 771.71	\$ 996.62	\$ 1,240.33	\$ 1,584.07	\$ 1,843.37	\$ 2,102.67
6 Cu. Yd.	\$ 573.54	\$ 987.45	\$ 1,490.94	\$ 1,798.39	\$ 2,451.37	\$ 3,039.51	\$ 3,627.64

Table 5 - Additional Service Rates

Large Item Collection Rate	\$ 1.73 /Cu. Yd. plus actual disposal costs
Additional Cleaning Rate (Per Cleaning)	\$ 40.07
Additional Bin Exchange Rate (Per Exchange)	\$ 32.05
Additional Cart Exchange Rate (Per Exchange)	\$ 8.02

Multi-family Collection Service Rates per Month

Table 4 - Multi-family Collection Service Rates

	1/Week	2/Week	3/Week	4/Week	5/Week	6/Week	7/Week
96 Gallon	\$ 37.87	\$ 75.75	\$ 113.62	\$ 151.51	\$ 189.37	\$ 227.26	\$ 265.15
1 Cu. Yd.	\$ 169.78	\$ 260.98	\$ 354.58	\$ 455.39	\$ 610.71	\$ 724.81	\$ 838.91
1.5 Cu. Yd.	\$ 218.54	\$ 363.92	\$ 505.80	\$ 658.84	\$ 812.71	\$ 965.91	\$ 1,119.10
2 Cu. Yd.	\$ 267.32	\$ 466.84	\$ 657.02	\$ 862.26	\$ 1,014.68	\$ 1,207.00	\$ 1,399.31
3 Cu. Yd.	\$ 328.88	\$ 609.64	\$ 814.34	\$ 1,057.89	\$ 1,305.81	\$ 1,556.76	\$ 1,807.73
4 Cu. Yd.	\$ 412.55	\$ 755.81	\$ 972.76	\$ 1,208.53	\$ 1,544.30	\$ 1,795.66	\$ 2,047.00
6 Cu. Yd.	\$ 561.61	\$ 963.59	\$ 1,455.16	\$ 1,750.68	\$ 2,391.72	\$ 2,967.93	\$ 3,544.14

Table 5 - Additional Service Rates

Large Item Collection Rate	\$ 1.73 /Cu. Yd. plus actual disposal costs
Additional Cleaning Rate (Per Cleaning)	\$ 40.07
Additional Bin Exchange Rate (Per Exchange)	\$ 32.05
Additional Cart Exchange Rate (Per Exchange)	\$ 8.02

Commercial Collection Service Rates per Month

Table 6 - Commercial Collection Service Rates

	1/Week	2/Week	3/Week	4/Week	5/Week	6/Week	7/Week
68 Gallon	\$ 33.05	\$ 66.10	\$ 99.14	\$ 132.20	\$ 165.25	\$ 198.30	\$ 231.38
96 Gallon	\$ 38.81	\$ 77.63	\$ 116.44	\$ 155.28	\$ 194.10	\$ 232.92	\$ 271.76
1 Cu. Yd.	\$ 171.77	\$ 264.96	\$ 360.65	\$ 463.35	\$ 620.66	\$ 736.74	\$ 862.83
1.5 Cu. Yd.	\$ 221.51	\$ 369.88	\$ 514.74	\$ 670.76	\$ 827.61	\$ 983.80	\$ 1,139.98
2 Cu. Yd.	\$ 271.30	\$ 474.80	\$ 668.95	\$ 878.16	\$ 1,034.56	\$ 1,230.85	\$ 1,427.13
3 Cu. Yd.	\$ 334.85	\$ 621.57	\$ 832.23	\$ 1,081.75	\$ 1,335.64	\$ 1,592.65	\$ 1,849.47
4 Cu. Yd.	\$ 420.51	\$ 771.71	\$ 996.62	\$ 1,240.33	\$ 1,584.07	\$ 1,843.37	\$ 2,102.67
6 Cu. Yd.	\$ 573.54	\$ 987.45	\$ 1,490.94	\$ 1,798.39	\$ 2,451.37	\$ 3,039.51	\$ 3,627.64

Commercial Collection Service Rates per Month

Table 6 - Commercial Collection Service Rates

	1/Week	2/Week	3/Week	4/Week	5/Week	6/Week	7/Week
68 Gallon	\$ 32.37	\$ 64.76	\$ 97.13	\$ 129.53	\$ 161.90	\$ 194.29	\$ 226.70
96 Gallon	\$ 37.87	\$ 75.75	\$ 113.62	\$ 151.51	\$ 189.37	\$ 227.26	\$ 265.15
1 Cu. Yd.	\$ 169.78	\$ 260.98	\$ 354.58	\$ 455.39	\$ 610.71	\$ 724.81	\$ 838.91
1.5 Cu. Yd.	\$ 218.54	\$ 363.92	\$ 505.80	\$ 658.84	\$ 812.71	\$ 965.91	\$ 1,119.10
2 Cu. Yd.	\$ 267.32	\$ 466.84	\$ 657.02	\$ 862.26	\$ 1,014.68	\$ 1,207.00	\$ 1,399.31
3 Cu. Yd.	\$ 328.88	\$ 609.64	\$ 814.34	\$ 1,057.89	\$ 1,305.81	\$ 1,556.76	\$ 1,807.73
4 Cu. Yd.	\$ 412.55	\$ 755.81	\$ 972.76	\$ 1,208.53	\$ 1,544.30	\$ 1,795.66	\$ 2,047.00
6 Cu. Yd.	\$ 561.61	\$ 963.59	\$ 1,455.16	\$ 1,750.68	\$ 2,391.72	\$ 2,967.93	\$ 3,544.14

Attachment A

City of Santa Rosa

Current Rates and Proposed Rates Effective April 1, 2017

City of Santa Rosa Solid Waste Recycling And Collection Rates				City of Santa Rosa Solid Waste Recycling And Collection Rates				Proposed Disposal and Green Waste Adjustments Effective 4/1/2017	
Residential Collection Service Rates per Month				Residential Collection Service Rates per Month				Green Waste Adjustments Effective 4/1/2017	
20 Cu. Yd. (1)	\$ 1,426.07	\$ 2,852.15	\$ 4,278.24	\$ 5,704.31	\$ 7,130.39	\$ 8,556.46	\$ 9,982.54	\$ 8,556.46	\$ 9,982.54
30 Cu. Yd. (1)	\$ 1,426.07	\$ 2,852.15	\$ 4,278.24	\$ 5,704.31	\$ 7,130.39	\$ 8,556.46	\$ 9,982.54	\$ 8,556.46	\$ 9,982.54
40 Cu. Yd. (1)	\$ 1,737.69	\$ 3,475.40	\$ 5,213.09	\$ 6,950.77	\$ 8,688.47	\$ 10,426.16	\$ 12,163.86	\$ 10,426.16	\$ 12,163.86
50 Cu. Yd. (1)	\$ 1,737.69	\$ 3,475.40	\$ 5,213.09	\$ 6,950.77	\$ 8,688.47	\$ 10,426.16	\$ 12,163.86	\$ 10,426.16	\$ 12,163.86
20 Cu. Yd. Compactor	\$ 3,965.86	\$ 7,931.74	\$ 11,897.62	\$ 15,863.48	\$ 19,829.36	\$ 23,795.22	\$ 27,761.09	\$ 24,558.65	\$ 28,651.75
30 Cu. Yd. Compactor	\$ 5,235.76	\$ 10,471.53	\$ 15,707.31	\$ 20,943.07	\$ 26,178.84	\$ 31,414.60	\$ 36,650.36	\$ 32,559.75	\$ 37,986.36
(1) Plus actual disposal costs									
Emergency Service Rates									
Table 7 - Additional Service Rates									
Additional Cleaning Rate (Per Cleaning)									
Additional Bin Exchange Rate (Per Exchange)									
Additional Cart Exchange Rate (Per Exchange)									
Emergency Service Rates									
Table 8 - Emergency Service Rates - Equipment									
Equipment Type	Make & Model	Hourly Rate	Equipment Type	Make & Model	Hourly Rate	Equipment Type	Make & Model	Hourly Rate	Equipment Type
Commercial Frontloader	Maxon Body on Volvo Chasis	\$ 64.12	Commercial Frontloader	Maxon Body on Volvo Chasis	\$ 64.12	Commercial Frontloader	Maxon Body on Volvo Chasis	\$ 64.12	Commercial Frontloader
Automated Truck	Heil Dura-Pack 7000 with Volvo Chasis	\$ 48.08	Automated Truck	Heil Dura-Pack 7000 with Volvo Chasis	\$ 48.08	Automated Truck	Heil Dura-Pack 7000 with Volvo Chasis	\$ 48.08	Automated Truck
Roll-off Truck	Maxon Body on Volvo Chasis	\$ 40.07	Roll-off Truck	Maxon Body on Volvo Chasis	\$ 40.07	Roll-off Truck	Maxon Body on Volvo Chasis	\$ 40.07	Roll-off Truck
Bin Truck	Ford Truck with PAL Body	\$ 32.05	Bin Truck	Ford Truck with PAL Body	\$ 32.05	Bin Truck	Ford Truck with PAL Body	\$ 32.05	Bin Truck
Cart Delivery Truck	Ford Truck with PAL Body	\$ 32.05	Cart Delivery Truck	Ford Truck with PAL Body	\$ 32.05	Cart Delivery Truck	Ford Truck with PAL Body	\$ 32.05	Cart Delivery Truck
Pickup Truck	Ford Pickup	\$ 32.05	Pickup Truck	Ford Pickup	\$ 32.05	Pickup Truck	Ford Pickup	\$ 32.05	Pickup Truck
Table 9 - Emergency Service Rates - Personnel									
Labor Position									
Commercial Frontloader Driver		\$ 36.78	Commercial Frontloader Driver		\$ 36.78	Commercial Frontloader Driver		\$ 36.78	Commercial Frontloader Driver
Automated Truck Driver		\$ 36.78	Automated Truck Driver		\$ 36.78	Automated Truck Driver		\$ 36.78	Automated Truck Driver
Roll-off Truck Driver		\$ 36.78	Roll-off Truck Driver		\$ 36.78	Roll-off Truck Driver		\$ 36.78	Roll-off Truck Driver
Bin Truck Driver		\$ 36.78	Bin Truck Driver		\$ 36.78	Bin Truck Driver		\$ 36.78	Bin Truck Driver
Cart Delivery Truck Driver		\$ 36.78	Cart Delivery Truck Driver		\$ 36.78	Cart Delivery Truck Driver		\$ 36.78	Cart Delivery Truck Driver
Pickup Truck Driver		\$ 36.78	Pickup Truck Driver		\$ 36.78	Pickup Truck Driver		\$ 36.78	Pickup Truck Driver

Attachment A
City of Santa Rosa
Current Rates and R3's Correction of Proposed Rates Effective July 1, 2017

**City of Santa Rosa
Solid Waste Recycling And Collection Rates**

Residential Collection Service Rates per Month **Effective 4/1/2017**

Table 1 - Senior Citizen and Mobile Home Residential Collection Service Rates

Garbage Cart Size	20 Gallon	32 Gallon	64 Gallon	96 Gallon
Collection Service Rate	\$ 12.61	\$ 13.87	\$ 22.03	\$ 34.56

Table 2 - Residential Collection Service Rates

Garbage Cart Size	20 Gallon	32 Gallon	64 Gallon	96 Gallon
Collection Service Rate	\$ 14.72	\$ 16.97	\$ 25.95	\$ 41.12

Table 3 - Additional Service Rates

Service	All Sizes
Additional Yard Waste Cart Monthly Rate	\$ 28.87
Additional Garbage Collection Rate (Per Collection)	\$ 4.83
Additional Large Item Collection Rate (3 Cu. Yd.)	\$ 70.03
Additional Cart Exchange Rate (Per Exchange)	\$ 8.04

Multi-family Collection Service Rates per Month

Table 4 - Multi-family Collection Service Rates

	1/Week	2/Week	3/Week	4/Week	5/Week	6/Week	7/Week
96 Gallon	\$ 38.81	\$ 77.63	\$ 116.44	\$ 155.28	\$ 194.10	\$ 232.92	\$ 271.76
1 Cu. Yd.	\$ 171.77	\$ 264.96	\$ 360.55	\$ 463.35	\$ 520.66	\$ 736.74	\$ 852.83
1.5 Cu. Yd.	\$ 221.51	\$ 369.88	\$ 514.74	\$ 670.76	\$ 827.61	\$ 983.80	\$ 1,139.98
2 Cu. Yd.	\$ 271.30	\$ 474.80	\$ 668.95	\$ 878.16	\$ 1,034.56	\$ 1,230.85	\$ 1,427.13
3 Cu. Yd.	\$ 334.85	\$ 621.57	\$ 832.23	\$ 1,081.75	\$ 1,335.64	\$ 1,592.55	\$ 1,849.47
4 Cu. Yd.	\$ 420.51	\$ 771.71	\$ 996.62	\$ 1,240.33	\$ 1,584.07	\$ 1,843.37	\$ 2,102.67
6 Cu. Yd.	\$ 573.54	\$ 987.45	\$ 1,490.94	\$ 1,798.39	\$ 2,451.37	\$ 3,039.51	\$ 3,627.64

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Large Item Collection Rate	\$ 1.73 /Cu. Yd. plus actual disposal costs
Additional Cleaning Rate (Per Cleaning)	\$ 40.07
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Commercial Collection Service Rates per Month

Table 6 - Commercial Collection Service Rates

	1/Week	2/Week	3/Week	4/Week	5/Week	6/Week	7/Week
66 Gallon	\$ 33.05	\$ 66.10	\$ 99.14	\$ 132.20	\$ 165.25	\$ 198.30	\$ 231.38
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4 Cu. Yd.	\$ 420.51	\$ 771.71	\$ 996.62	\$ 1,240.33	\$ 1,584.07	\$ 1,843.37	\$ 2,102.67
6 Cu. Yd.	\$ 573.54	\$ 987.45	\$ 1,490.94	\$ 1,798.39	\$ 2,451.37	\$ 3,039.51	\$ 3,627.64
20 Cu. Yd. (1)	\$ 1,426.07	\$ 2,852.15	\$ 4,278.24	\$ 5,704.31	\$ 7,130.39	\$ 8,556.46	\$ 9,982.54
30 Cu. Yd. (1)	\$ 1,426.07	\$ 2,852.15	\$ 4,278.24	\$ 5,704.31	\$ 7,130.39	\$ 8,556.46	\$ 9,982.54
40 Cu. Yd. (1)	\$ 1,737.69	\$ 3,475.40	\$ 5,213.09	\$ 6,950.77	\$ 8,688.47	\$ 10,426.16	\$ 12,163.86
50 Cu. Yd. (1)	\$ 1,737.69	\$ 3,475.40	\$ 5,213.09	\$ 6,950.77	\$ 8,688.47	\$ 10,426.16	\$ 12,163.86

**City of Santa Rosa
Solid Waste Recycling And Collection Rates**

Residential Collection Service Rates per Month **Effective 7/1/2017**

Table 1 - Senior Citizen and Mobile Home Residential Collection Service Rates

Garbage Cart Size	20 Gallon	32 Gallon	64 Gallon	96 Gallon
Collection Service Rate	\$ 12.64	\$ 13.92	\$ 22.16	\$ 34.80

Table 2 - Residential Collection Service Rates

Garbage Cart Size	20 Gallon	32 Gallon	64 Gallon	96 Gallon
Collection Service Rate	\$ 14.78	\$ 17.05	\$ 26.11	\$ 41.42

Table 3 - Additional Service Rates

Service	All Sizes
Additional Yard Waste Cart Monthly Rate	\$ 28.97
Additional Garbage Collection Rate (Per Collection)	\$ 4.89
Additional Large Item Collection Rate (3 Cu. Yd.)	\$ 70.09
Additional Cart Exchange Rate (Per Exchange)	\$ 8.14

Multi-family Collection Service Rates per Month

Table 4 - Multi-family Collection Service Rates

	1/Week	2/Week	3/Week	4/Week	5/Week	6/Week	7/Week
96 Gallon	\$ 39.05	\$ 78.10	\$ 117.14	\$ 156.20	\$ 195.25	\$ 234.30	\$ 273.37
1 Cu. Yd.	\$ 173.34	\$ 267.15	\$ 363.40	\$ 466.94	\$ 625.64	\$ 742.62	\$ 859.62
1.5 Cu. Yd.	\$ 223.44	\$ 372.84	\$ 518.70	\$ 675.85	\$ 833.83	\$ 991.16	\$ 1,148.48
2 Cu. Yd.	\$ 273.56	\$ 478.52	\$ 674.01	\$ 884.75	\$ 1,042.02	\$ 1,239.69	\$ 1,437.33
3 Cu. Yd.	\$ 337.39	\$ 628.06	\$ 837.75	\$ 1,088.79	\$ 1,344.23	\$ 1,602.74	\$ 1,861.25
4 Cu. Yd.	\$ 423.57	\$ 777.02	\$ 1,002.62	\$ 1,247.26	\$ 1,593.15	\$ 1,853.56	\$ 2,113.88
6 Cu. Yd.	\$ 577.44	\$ 993.35	\$ 1,499.90	\$ 1,808.04	\$ 2,465.88	\$ 3,056.11	\$ 3,650.34

Table 5 - Additional Service Rates

Large Item Collection Rate	\$ 1.75 /Cu. Yd. plus actual disposal costs
Additional Cleaning Rate (Per Cleaning)	\$ 40.55
Additional Bin Exchange Rate (Per Exchange)	\$ 32.44
Additional Cart Exchange Rate (Per Exchange)	\$ 8.11

Commercial Collection Service Rates per Month

Table 6 - Commercial Collection Service Rates

	1/Week	2/Week	3/Week	4/Week	5/Week	6/Week	7/Week
66 Gallon	\$ 33.28	\$ 66.57	\$ 99.84	\$ 133.12	\$ 166.40	\$ 199.69	\$ 232.99
96 Gallon	\$ 39.05	\$ 78.10	\$ 117.14	\$ 156.20	\$ 195.25	\$ 234.30	\$ 273.37
1 Cu. Yd.	\$ 173.34	\$ 267.15	\$ 363.40	\$ 466.94	\$ 625.64	\$ 742.62	\$ 859.62
1.5 Cu. Yd.	\$ 223.44	\$ 372.84	\$ 518.70	\$ 675.85	\$ 833.83	\$ 991.16	\$ 1,148.48
2 Cu. Yd.	\$ 273.56	\$ 478.52	\$ 674.01	\$ 884.75	\$ 1,042.02	\$ 1,239.69	\$ 1,437.33
3 Cu. Yd.	\$ 337.39	\$ 628.06	\$ 837.75	\$ 1,088.79	\$ 1,344.23	\$ 1,602.74	\$ 1,861.25
4 Cu. Yd.	\$ 423.57	\$ 777.02	\$ 1,002.62	\$ 1,247.26	\$ 1,593.15	\$ 1,853.56	\$ 2,113.88
6 Cu. Yd.	\$ 577.44	\$ 993.35	\$ 1,499.90	\$ 1,808.04	\$ 2,465.88	\$ 3,056.11	\$ 3,650.34
20 Cu. Yd. (1)	\$ 1,443.31	\$ 2,886.64	\$ 4,329.95	\$ 5,773.26	\$ 7,216.59	\$ 8,659.90	\$ 10,103.21
30 Cu. Yd. (1)	\$ 1,443.31	\$ 2,886.64	\$ 4,329.95	\$ 5,773.26	\$ 7,216.59	\$ 8,659.90	\$ 10,103.21
40 Cu. Yd. (1)	\$ 1,788.70	\$ 3,577.40	\$ 5,276.10	\$ 7,034.80	\$ 8,793.51	\$ 10,552.20	\$ 12,310.90
50 Cu. Yd. (1)	\$ 1,788.70	\$ 3,577.40	\$ 5,276.10	\$ 7,034.80	\$ 8,793.51	\$ 10,552.20	\$ 12,310.90

Attachment A
 City of Santa Rosa
 Current Rates and R3's Correction of Proposed Rates Effective July 1, 2017

**City of Santa Rosa
 Solid Waste Recycling And Collection Rates**

Residential Collection Service Rates per Month **Effective 4/1/2017**

20 Cu. Yd. Compactor	\$ 4,093.11	\$ 8,186.21	\$ 12,279.33	\$ 16,372.43	\$ 20,465.55	\$ 24,558.65	\$ 28,651.75
30 Cu. Yd. Compactor	\$ 5,426.61	\$ 10,853.25	\$ 16,279.87	\$ 21,706.50	\$ 27,133.12	\$ 32,559.75	\$ 37,986.36

(1) Plus actual disposal costs

**City of Santa Rosa
 Solid Waste Recycling And Collection Rates**

Residential Collection Service Rates per Month **Effective 7/1/2017**

20 Cu. Yd. Compactor	\$ 4,110.35	\$ 8,220.70	\$ 12,331.05	\$ 16,441.38	\$ 20,551.75	\$ 24,662.09	\$ 28,772.43
30 Cu. Yd. Compactor	\$ 5,443.85	\$ 10,887.74	\$ 16,331.59	\$ 21,775.45	\$ 27,219.32	\$ 32,663.18	\$ 38,107.04

(1) Plus actual disposal costs

Table 7 - Additional Service Rates

Additional Cleaning Rate (Per Cleaning)	\$ 40.07
Additional Bin Exchange Rate (Per Exchange)	\$ 32.05
Additional Cart Exchange Rate (Per Exchange)	\$ 8.02

Table 7 - Additional Service Rates

Additional Cleaning Rate (Per Cleaning)	\$ 40.55
Additional Bin Exchange Rate (Per Exchange)	\$ 32.44
Additional Cart Exchange Rate (Per Exchange)	\$ 8.11

Emergency Service Rates

Table 8 - Emergency Service Rates - Equipment

Equipment Type	Make & Model	Hourly Rate
Commercial Frontloader	Maxon Body on Volvo Chasis	\$ 64.12
Automated Truck	Heil Dura-Pack 7000 with Volvo Chasis	\$ 64.12
Roll-off Truck	Maxon Body on Volvo Chasis	\$ 48.08
Bin Truck	Ford Truck with PAL Body	\$ 40.07
Cart Delivery Truck	Ford Truck with PAL Body	\$ 40.07
Pickup Truck	Ford Pick-up	\$ 32.05

Emergency Service Rates

Table 8 - Emergency Service Rates - Equipment

Equipment Type	Make & Model	Hourly Rate
Commercial Frontloader	Maxon Body on Volvo Chasis	\$ 64.89
Automated Truck	Heil Dura-Pack 7000 with Volvo Chasis	\$ 64.89
Roll-off Truck	Maxon Body on Volvo Chasis	\$ 48.66
Bin Truck	Ford Truck with PAL Body	\$ 40.55
Cart Delivery Truck	Ford Truck with PAL Body	\$ 40.55
Pickup Truck	Ford Pick-up	\$ 32.44

Table 9 - Emergency Service Rates - Personnel

Labor Position	Hourly Rate
Commercial Frontloader Driver	\$ 36.78
Automated Truck Driver	\$ 36.78
Roll-off Truck Driver	\$ 36.78
Bin Truck Driver	\$ 36.78
Cart Delivery Truck Driver	\$ 36.78
Pickup Truck Driver	\$ 36.78

Table 9 - Emergency Service Rates - Personnel

Labor Position	Hourly Rate
Commercial Frontloader Driver	\$ 37.22
Automated Truck Driver	\$ 37.22
Roll-off Truck Driver	\$ 37.22
Bin Truck Driver	\$ 37.22
Cart Delivery Truck Driver	\$ 37.22
Pickup Truck Driver	\$ 37.22