Appendix A
City of Stuart
Sanitation Rate Study

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Table 1
City of Stuart
Sanitation Rate Study

Projected Operating and Miscellaneous Revenue at Existing Rates

Line No.	Description		Budgeted 2017 [1]	Proposed Adjustments	Adjusted 2017	Budgeted 2018 [1]	Proposed Adjustments	Adjusted 2018	Escalation Reference [2]	Projected Fiscal Year Ending September 30, 2019	2020	2021	2022
	SYSTEM REVENUES												
	Charges for Service												
1	Residential Garbage	343401	$568,486	$1,514	$570,000	$574,086	$914	$575,000	Marginal	$580,750	$586,558	$592,423	$598,347
2	Commercial Garbage	343403	3,188,288	136,712	3,325,000	3,187,499	137,501	3,325,000	Marginal	3,358,250	3,391,833	3,425,751	3,460,008
3	Delinquent Garbage Fees	343410	5,500	0	5,500	5,500	0	5,500	Constant	5,500	5,500	5,500	5,500
4	Trash Collections	343420	28,000	0	28,000	25,000	0	25,000	Constant	25,000	25,000	25,000	25,000
5	Utility Service charges	343910	4,000	0	4,000	4,000	0	4,000	Constant	4,000	4,000	4,000	4,000
6	Other Utility Charges		0	0	0	0	0	0	Constant	0	0	0	0
7	**Total Charges for Service**		$3,794,274	$138,226	$3,932,500	$3,796,085	$138,415	$3,934,500		$3,973,500	$4,012,890	$4,052,674	$4,092,856
	Miscellaneous Revenue												
	Disposition of Fixed Assets	364000	$26,500	$0	$26,500	$2,500	$0	$2,500	Eliminate	$0	$0	$0	$0
8	Sale of Surplus and Scrap	365000	0	0	26,500	0	0	2,500	Eliminate	0	0	0	0
	Total Miscellaneous Revinue		$26,500	$0	$53,000	$2,500	$0	$5,000		$0	$0	$0	$0
	Other Sources												
9	Trans FR Other Reserves	381248	$21,000	(21,000)	0	$0	0	0	Constant	0	0	0	0
10	Proprietary-Interest [3]	389100	0	0	0	0	0	0	Constant	0	0	0	0
11	Funds FR Retained Earning and Debt Proceeds [4]	389972	396,964	(396,964)	0	565,000	(565,000)	0	Constant	0	0	0	0
12	**Total Other Sources**		$417,964	($417,964)	$0	$565,000	($565,000)	$0		$0	$0	$0	$0
13	**TOTAL SYSTEM REVENUES**		$4,238,738	($279,738)	$3,985,500	$4,363,585	($426,585)	$3,939,500		$3,973,500	$4,012,890	$4,052,674	$4,092,856

Footnotes:

[1] Based on budgeted figures for the Fiscal Year 2017 Adopted Budget and 2018 Preliminary Budget. FY18 amounts exclude any rate increase or index that was assumed in the budget.

[2] Escalation factors and attributes derived from Table 3.

[3] Interest Income, if any, was removed from this schedule which is then calculated in Table 8 based on the annual average balance of each fund.

[4] Transfers from Retained Earnings reflect the amount of annual expenditures in excess of revenues for each Fiscal Year. Such amounts, if any, are calculated in Table 6.

Table 2
City of Stuart
Sanitation Rate Study

Projected Operating Expenses

Line No.	Description		Budgeted 2017 [1]	Proposed Adjustments	Adjusted 2017	Budgeted 2018 [1]	Proposed Adjustments	Adjusted 2018	Escalation Reference [2]	Projected Fiscal Year Ending September 30, 2019	2020	2021	2022
	OPERATING EXPENSES												
	Residential Collection (1710)												
	Personnel Services												
1	Regular Salaries and Wages	512	$96,387	$0	$96,387	$99,140	$0	$99,140	Labor	$101,123	$103,145	$105,208	$107,312
2	Overtime	514	11,000	0	11,000	15,000	0	15,000	Labor	15,300	15,606	15,918	16,236
3	Special Pay	515	3,236	0	3,236	7,736	0	7,736	Labor	7,891	8,049	8,210	8,374
4	FICA Taxes	521	8,463	0	8,463	9,257	0	9,257	Labor	9,442	9,631	9,824	10,020
5	Retirement Contributions	522	10,353	0	10,353	12,272	0	12,272	Labor	12,517	12,768	13,023	13,284
6	Life and Health Insurance	523	19,340	0	19,340	13,983	0	13,983	Ins-Health	14,822	15,711	16,654	17,653
7	Workers' Compensation	524	5,346	0	5,346	5,427	0	5,427	Worker Comp	5,590	5,758	5,930	6,108
8	Total Personnel Services		$154,125	$0	$154,125	$162,815	$0	$162,815		$166,685	$170,667	$174,767	$178,988
	Operating Expenses												
9	Professional Services	531	$18,500	$0	$18,500	$0	$0	$0	Inflation	$0	$0	$0	$0
10	Other Contractual Services	534	21,350	0	21,350	23,125	0	23,125	Contract	23,588	24,059	24,540	25,031
11	Travel and Per Diem	540	3,080	0	3,080	4,675	0	4,675	Inflation	4,783	4,897	5,015	5,135
12	Freight / Postage Services	542	3,095	0	3,095	3,095	0	3,095	Inflation	3,166	3,242	3,320	3,400
13	Utility Services	543	10,950	0	10,950	0	0	0	Inflation	0	0	0	0
14	Tipping Fees	543	180,000	0	180,000	180,000	0	180,000	Disposal	185,981	192,349	198,935	205,747
15	Rentals and Leases	544	1,080	0	1,080	1,080	0	1,080	Inflation	1,105	1,131	1,159	1,186
16	Insurance	545	5,080	0	5,080	5,156	0	5,156	Insurance	5,311	5,470	5,634	5,803
17	Repairs and Maintenance	546	46,000	0	46,000	46,000	0	46,000	Repair	47,380	48,801	50,265	51,773
18	Printing and Binding	547	2,300	0	2,300	3,600	0	3,600	Inflation	3,683	3,771	3,862	3,954
19	Promotional Activities	548	11,000	0	11,000	14,800	0	14,800	Inflation	15,140	15,504	15,876	16,257
20	Other Current Charges	549	0	0	0	15,000	0	15,000	Inflation	15,345	15,713	16,090	16,477
21	Office Supplies	551	1,030	0	1,030	500	0	500	Inflation	512	524	536	549
22	Operating Supplies	552	37,570	0	37,570	37,985	0	37,985	Inflation	38,859	39,791	40,746	41,724
23	Fuel for Trucks	552	27,409	0	27,409	35,000	0	35,000	Fuel	36,750	38,588	40,517	42,543
24	Books and Memberships	554	558	0	558	750	0	750	Inflation	767	786	805	824
25	Training	555	2,718	0	2,718	6,000	0	6,000	Inflation	6,138	6,285	6,436	6,591
26	Total Operating Expenses		$371,720	$0	$371,720	$376,766	$0	$376,766		$388,507	$400,913	$413,737	$426,994
	Capital Outlay [3]												
27	Buildings	562	$0	$0	$0	$200,000	($200,000)	$0	Eliminate	$0	$0	$0	$0
28	Infrastructure	563	0	0	0	0	0	0	Eliminate	0	0	0	0
29	Machinery & Equipment	564	0	0	0	0	0	0	Eliminate	0	0	0	0
30	Total Capital Outlay		$0	$0	$0	$200,000	($200,000)	$0		$0	$0	$0	$0
31	**Total Residential Collection (1710)**		$525,845	$0	$525,845	$739,581	($200,000)	$539,581		$555,192	$571,580	$588,504	$605,982
	Commercial Collection (1720)												
	Personnel Services												
32	Regular Salaries and Wages	512	$409,740	$0	$409,740	$416,168	$0	$416,168	Labor	$424,491	$432,981	$441,641	$450,474
33	Overtime	514	24,500	0	24,500	24,500	0	24,500	Labor	24,990	25,490	26,000	26,520
34	Special Pay	515	3,716	0	3,716	9,716	0	9,716	Labor	9,910	10,109	10,311	10,517
35	FICA Taxes	521	33,504	0	33,504	34,388	0	34,388	Labor	35,076	35,777	36,493	37,223
36	Retirement Contributions	522	33,918	0	33,918	38,133	0	38,133	Labor	38,896	39,674	40,467	41,276
37	Life and Health Insurance	523	95,799	0	95,799	112,373	0	112,373	Ins-Health	119,115	126,262	133,838	141,868
38	Workers' Compensation	524	18,525	0	18,525	18,803	0	18,803	Worker Comp	19,367	19,948	20,547	21,163

Table 2
City of Stuart
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Projected Operating Expenses

Line No.	Description		Budgeted 2017 [1]	Proposed Adjustments	Adjusted 2017	Budgeted 2018 [1]	Proposed Adjustments	Adjusted 2018	Escalation Reference [2]	Projected Fiscal Year Ending September 30, 2019	2020	2021	2022
39	Total Personnel Services		$619,702	$0	$619,702	$654,081	$0	$654,081		$671,846	$690,241	$709,296	$729,040
	Operating Expenses												
40	Professional Services	531	$28,500	$0	$28,500	$25,000	$0	$25,000	Inflation	$25,575	$26,189	$26,817	$27,461
41	Other Contractual Services	534	82,920	0	82,920	62,800	0	62,800	Contract	64,056	65,337	66,644	67,977
42	Other Contractual Services - Hauling Services	534	45,000	0	45,000	25,000	0	25,000	Hauling	26,513	28,117	29,818	31,622
43	Travel and Per Diem	540	2,000	0	2,000	3,000	0	3,000	Inflation	3,069	3,143	3,218	3,295
44	Communication Services	541	1,169	0	1,169	1,180	0	1,180	Inflation	1,207	1,236	1,266	1,296
45	Freight / Postage Services	542	1,030	0	1,030	1,030	0	1,030	Inflation	1,054	1,079	1,105	1,131
46	Utility Services	543	1,175	0	1,175	0	0	0	Inflation	0	0	0	0
47	Tipping Fees	543	1,068,180	0	1,068,180	1,080,600	0	1,080,600	Disposal	1,116,508	1,154,738	1,194,276	1,235,168
48	Rentals and Leases	544	2,160	0	2,160	2,200	0	2,200	Inflation	2,251	2,305	2,360	2,417
49	Insurance	545	18,781	0	18,781	19,064	0	19,064	Insurance	19,636	20,225	20,832	21,457
50	Repairs and Maintenance	546	86,000	0	86,000	106,000	0	106,000	Repair	109,180	112,455	115,829	119,304
51	Printing and Binding	547	2,000	0	2,000	4,000	0	4,000	Inflation	4,092	4,190	4,291	4,394
52	Promotional Activities	548	4,800	0	4,800	6,800	0	6,800	Inflation	6,956	7,123	7,294	7,469
53	Other Current Charges	549	0	0	0	15,000	0	15,000	Inflation	15,345	15,713	16,090	16,477
54	Office Supplies	551	1,000	0	1,000	500	0	500	Inflation	512	524	536	549
55	Operating Supplies	552	72,165	0	72,165	61,815	0	61,815	Inflation	63,237	64,754	66,309	67,900
56	Fuel for Trucks	552	60,167	0	60,167	87,500	0	87,500	Fuel	91,875	96,469	101,292	106,357
57	Books and Memberships	554	500	0	500	500	0	500	Inflation	512	524	536	549
58	Training	555	2,000	0	2,000	3,000	0	3,000	Inflation	3,069	3,143	3,218	3,295
59	Total Operating Expenses		$1,479,547	$0	$1,479,547	$1,504,989	$0	$1,504,989		$1,554,645	$1,607,263	$1,661,731	$1,718,117
	Capital Outlay [3]												
60	Buildings	562	$0	$0	$0	$200,000	($200,000)	$0	Eliminate	$0	$0	$0	$0
61	Infrastructure	563	20,000	(20,000)	0	0	0	0	Eliminate	0	0	0	0
62	Machinery & Equipment	564	21,000	(21,000)	0	65,000	(65,000)	0	Eliminate	0	0	0	0
63	Total Capital Outlay		$41,000	($41,000)	$0	$265,000	($265,000)	$0		$0	$0	$0	$0
64	**Total Commercial Collection (1720)**		$2,140,249	($41,000)	$2,099,249	$2,424,070	($265,000)	$2,159,070		$2,226,491	$2,297,504	$2,371,027	$2,447,158
	Yard Waste Collection (1730)												
	Personnel Services												
65	Regular Salaries and Wages	512	$82,790	$0	$82,790	$83,902	$0	$83,902	Labor	$85,580	$87,292	$89,037	$90,818
66	Overtime	514	15,000	0	15,000	15,000	0	15,000	Labor	15,300	15,606	15,918	16,236
67	Special Pay	515	0	0	0	2,000	0	2,000	Labor	2,040	2,081	2,122	2,165
68	FICA Taxes	521	7,481	0	7,481	7,719	0	7,719	Labor	7,873	8,031	8,191	8,355
69	Retirement Contributions	522	6,226	0	6,226	7,833	0	7,833	Labor	7,990	8,149	8,312	8,479
70	Life and Health Insurance	523	17,450	0	17,450	11,985	0	11,985	Ins-Health	12,704	13,466	14,274	15,131
71	Workers' Compensation	524	5,502	0	5,502	5,584	0	5,584	Worker Comp	5,752	5,924	6,102	6,285
72	Total Personnel Services		$134,449	$0	$134,449	$134,023	$0	$134,023		$137,239	$140,549	$143,958	$147,469
	Operating Expenses												
73	Professional Services	531	$16,000	$0	$16,000	$0	$0	$0	Inflation	$0	$0	$0	$0
74	Other Contractual Services	534	46,050	0	46,050	47,250	0	47,250	Contract	48,195	49,159	50,142	51,145
75	Other Contractual Services - Grinding Services	534	112,800	0	112,800	109,080	0	109,080	Grinding	112,352	115,723	119,195	122,771
76	Travel and Per Diem	540	1,000	0	1,000	1,000	0	1,000	Inflation	1,023	1,048	1,073	1,098
77	Communication Services	541	0	0	0	0	0	0	Inflation	0	0	0	0
78	Freight / Postage Services	542	0	0	0	0	0	0	Inflation	0	0	0	0

Table 2
City of Stuart
Sanitation Rate Study

Projected Operating Expenses

Line No.	Description		Budgeted 2017 [1]	Proposed Adjustments	Adjusted 2017	Budgeted 2018 [1]	Proposed Adjustments	Adjusted 2018	Escalation Reference [2]	Projected Fiscal Year Ending September 30, 2019	2020	2021	2022
79	Utility Services	543	6,510	0	6,510	0	0	0	Inflation	0	0	0	0
80	Tipping Fees	543	61,740	0	61,740	63,840	0	63,840	Disposal	65,961	68,220	70,556	72,972
81	Rentals and Leases	544	1,000	0	1,000	1,000	0	1,000	Inflation	1,023	1,048	1,073	1,098
82	Insurance	545	3,690	0	3,690	3,746	0	3,746	Insurance	3,858	3,974	4,093	4,216
83	Repairs and Maintenance	546	21,000	0	21,000	22,000	0	22,000	Repair	22,660	23,340	24,040	24,761
84	Printing and Binding	547	0	0	0	0	0	0	Inflation	0	0	0	0
85	Promotional Activities	548	800	0	800	1,800	0	1,800	Inflation	1,841	1,886	1,931	1,977
86	Office Supplies	551	520	0	520	500	0	500	Inflation	512	524	536	549
87	Operating Supplies	552	1,390	0	1,390	37,590	0	37,590	Inflation	38,455	39,377	40,323	41,290
88	Fuel for Trucks	552	7,222	0	7,222	10,000	0	10,000	Fuel	10,500	11,025	11,576	12,155
89	Books and Memberships	554	500	0	500	0	0	0	Inflation	0	0	0	0
90	Training	555	500	0	500	1,500	0	1,500	Inflation	1,535	1,571	1,609	1,648
91	Total Operating Expenses		$280,722	$0	$280,722	$299,306	$0	$299,306		$307,915	$316,894	$326,146	$335,681
	Capital Outlay [3]												
92	Buildings	562	$0	$0	$0	$100,000	($100,000)	$0	Eliminate	$0	$0	$0	$0
93	Infrastructure	563	0	0	0	0	0	0	Eliminate	0	0	0	0
94	Machinery & Equipment	564	306,000	(306,000)	0	0	0	0	Eliminate	0	0	0	0
95	Total Capital Outlay		$306,000	($306,000)	$0	$100,000	($100,000)	$0		$0	$0	$0	$0
96	**Total Yard Waste Collection (1730)**		$721,171	($306,000)	$415,171	$533,329	($100,000)	$433,329		$445,154	$457,443	$470,104	$483,150
	Non - Operating (1790)												
97	Transfer (Indirect Cost Allocation) [4]	557	$399,462	$0	$399,462	$392,450	$0	$392,450	Calculated	$400,299	$408,305	$416,468	$424,788
98	Transfers - Water & Sewer		196,207	0	196,207	190,803	0	190,803	Labor	194,619	198,511	202,482	206,531
99	Other Non-operating Uses - Life / Health Insurance	523	12,800	0	12,800	1,271	0	1,271	Ins-Health	1,347	1,428	1,514	1,605
100	Intragovernmental Transfers [5]	591	227,656	(227,656)	0	227,656	(227,656)	0	Eliminate	0	0	0	0
101	Transfer to Retained Earnings [6]		12,150	(12,150)	0	0	0	0	Eliminate	0	0	0	0
	Machinery & Equipment	564	3,199	(3,199)	0	0	0		Eliminate				
102	**Total Non - Departmental**		$851,474	($243,005)	$608,469	$812,180	($227,656)	$584,524		$596,265	$608,245	$620,463	$632,924
	Additional Charges												
103	Additional Personnel Costs		$0	$0	$0	$0	$0	$0	Input	$0	$0	$0	$0
104	Additional Operating Costs		0	0	0	0	0	0	Calculated	0	0	0	0
105	Additional Maintenance Costs		0	0	0	0	0	0	Calculated	0	0	0	0
106	Bad Debt Expense		0	0	0	0	0	0	None	0	0	0	0
107	Operating Contingency		0	0	0	0	0	0	None	0	0	0	0
108	**Total Additional Charges**		$0	$0	$0	$0	$0	$0		$0	$0	$0	$0
109	**TOTAL OPERATING EXPENSES**		$4,238,739	($590,005)	$3,648,734	$4,509,160	($792,656)	$3,716,504		$3,823,102	$3,934,771	$4,050,098	$4,169,213
								1.86%		2.87%	2.92%	2.93%	2.94%

Table 2
City of Stuart
Sanitation Rate Study

Projected Operating Expenses

Line No.	Description	Budgeted 2017 [1]	Proposed Adjustments	Adjusted 2017	Budgeted 2018 [1]	Proposed Adjustments	Adjusted 2018	Escalation Reference [2]	Projected Fiscal Year Ending September 30, 2019	2020	2021	2022

Footnotes:

[1] Based on budgeted figures for the Fiscal Year 2017 Adopted Budget and Fiscal Year 2018 Preliminary Budget.

[2] Inflationary attributes derived from Table 3.

[3] Amounts removed from operating expenses and shown separately within the Capital Plan in Table 4.

[4] Amounts adjusted based on discussions with City staff as follows:

	Fiscal Year Ending September 30,					
	2017	2018	2019	2020	2021	2022
Transfer (Indirect Cost Allocation) - Base Amount (As Adopted)	$399,462	$392,450	$392,450	$392,450	$392,450	$392,450
Adjustments to Street Allocation	0	0	0	0	0	0
Revised Transfer - Base Amount	$399,462	$392,450	$392,450	$392,450	$392,450	$392,450
Cumulative Labor Index	0.00%	0.00%	2.00%	4.04%	6.12%	8.24%
Projected Transfer Amount	$399,462	$392,450	$400,299	$408,305	$416,468	$424,788

[5] Amounts removed from operating expenses and calculated separately within Table 5. Intragovernmental Transfer is based on 6% of annual operating revenues.

[6] Transfers to Retained Earnings reflect the amount of revenue sources in excess of annual expenditures for each Fiscal Year. Such amounts, if any, are calculated in Table 6.

Table 3
City of Stuart
Sanitation Rate Study

Summary of Projected Escalation Factors

Line No.	Description	Escalation Reference	Projected Fiscal Year Ending September 30, 2019	2020	2021	2022
1	Constant	Constant	1.0000	1.0000	1.0000	1.0000
2	Eliminate	Eliminate	0.0000	0.0000	0.0000	0.0000
3	General Inflation (CPI)	Inflation	1.0230	1.0240	1.0240	1.0240
4	Labor Escalator	Labor	1.0200	1.0200	1.0200	1.0200
5	Contract Labor	Contract	1.0200	1.0200	1.0200	1.0200
6	Grinder Services	Grinding	1.0300	1.0300	1.0300	1.0300
7	Life/Health/Disability Insurance Escalator	Ins-Health	1.0600	1.0600	1.0600	1.0600
8	Workers Compensation	Worker Comp	1.0300	1.0300	1.0300	1.0300
9	Insurance Factor	Insurance	1.0300	1.0300	1.0300	1.0300
10	Repair and Maintenance	Repair	1.0300	1.0300	1.0300	1.0300
11	Fuel	Fuel	1.0500	1.0500	1.0500	1.0500
12	Growth in Disposal + CPI	Disposal	1.0332	1.0342	1.0342	1.0342
13	Growth in Disposal + Fuel	Hauling	1.0605	1.0605	1.0605	1.0605
14	Marginal Adjustment Factor	Marginal	1.0100	1.0100	1.0100	1.0100

Table 4
City of Stuart
Sanitation Rate Study

Capital Funding Program

Line No.	Description	Reference	Projected Fiscal Year Ending September 30, - Future Dollars [1] 2017	Adjustments	2017	2018	2019	2020	2021	2022	Totals
	CUMULATIVE INFLATIONARY ADJUSTMENT FACTOR		1.000	1.000	1.000	1.000	1.030	1.061	1.093	1.126	
	CAPITAL PLAN										
	Replacement of Vehicles										
1	Yard Trash Collection - Rear Loader	VRF	$241,000	($241,000)	$0	$0	$0	$0	$0	$0	$0
2	Annual Allowance for Replacement of Vehicles	VRF	0	0	0	235,000	242,000	249,000	257,000	264,000	1,247,000
3	Additional Vehicles	VRF	0	0	0	0	0	0	0	0	0
4	Additional Vehicles	VRF	0	0	0	0	0	0	0	0	0
5	Total Vehicle Replacements		$241,000	($241,000)	$0	$235,000	$242,000	$249,000	$257,000	$264,000	$1,247,000
	Other Capital Requirements										
6	Capital Outlay	REV	$106,000	$0	$106,000	$65,000	$52,000	$53,000	$55,000	$56,000	$387,000
7	Public Works Complex at Old City Landfill - 1 of 2	OR	0	0	0	500,000	0	0	0	0	500,000
8	Public Works Complex at Old City Landfill - 2 of 2	DEBT1	0	0	0	0	2,000,000	2,000,000	0	0	4,000,000
9	Total Capital Projects		$106,000	$0	$106,000	$565,000	$2,052,000	$2,053,000	$55,000	$56,000	$4,887,000
10	**TOTAL CAPITAL PLAN**		$347,000	($241,000)	$106,000	$800,000	$2,294,000	$2,302,000	$312,000	$320,000	$6,134,000
	FUNDING SOURCES										
11	Operating Reserves	OR	$0	$0	$0	$500,000	$0	$0	$0	$0	$500,000
12	Operating Revenues	REV	106,000	0	106,000	65,000	52,000	53,000	55,000	56,000	387,000
13	Vehicle Replacement Fund	VRF	241,000	(241,000)	0	235,000	242,000	249,000	257,000	264,000	1,247,000
14	Other	OTHER	0	0	0	0	0	0	0	0	0
15	Debt Proceeds 1	DEBT1	0	0	0	0	2,000,000	2,000,000	0	0	4,000,000
16	Debt Proceeds 2	DEBT2	0	0	0	0	0	0	0	0	0
17	**TOTAL FUNDING SOURCES**		$347,000	($241,000)	$106,000	$800,000	$2,294,000	$2,302,000	$312,000	$320,000	$6,134,000

Footnotes:

[1] Amounts as provided by the City.

[2] Proposed Bank Loan as follows:

Project Amount	$4,000,000
Financing Costs (2%)	$80,000
Sub-Total	$4,080,000
Interest Rate	3.50%
Term	15
Capitalized Interest (2 years)	$286,000
Total Principal	$4,366,000
Payment Over Remaining 13 Years	$423,771
First Payment	FY21

Table 5
City of Stuart
Sanitation Rate Study

Projected Intragovernmental Transfers

Line No.	Description	Projected Fiscal Year Ending September 30, 2017	2018	2019	2020	2021	2022
	INTRAGOVERNMENTAL TRANSFERS						
	Gross Revenues [1]		1.05	x1.05			
1	Residential Garbage	$570,000	$575,000	$580,750	$586,558	$592,423	$598,347
2	Commercial Garbage	3,325,000	3,325,000	3,358,250	3,391,833	3,425,751	3,460,008
3	Delinquent Garbage Fees	5,500	5,500	5,500	5,500	5,500	5,500
4	Trash Collections	28,000	25,000	25,000	25,000	25,000	25,000
5	Utility Service charges	4,000	4,000	4,000	4,000	4,000	4,000
6	Other Utility Charges	0	0	0	0	0	0
7	Interest Income	6,000	6,000	5,000	5,000	5,000	5,000
8	Revenues from Proposed Rate Increases [2]	0	196,725	407,284	632,532	873,377	1,130,781
9	**Total Gross Revenues**	$3,938,500	$4,137,225	$4,385,784	$4,650,422	$4,931,050	$5,228,636
10	Percent of Revenues [3]	6%	6%	6%	6%	6%	6%
11	Sub-total Intragovernmental Transfers	$236,310	$248,234	$263,147	$279,025	$295,863	$313,718
12	Additional Transfers (CRA)	0	0	0	0	0	0
13	**TOTAL INTRAGOVERNMENTAL TRANSFERS**	$236,310	$248,234	$263,147	$279,025	$295,863	$313,718

Footnotes:

[1] Amounts derived from Table 1.

[2] Amounts derived from Table 6.

[3] Transfer amount as adopted by the City.

Table 6
City of Stuart
Sanitation Rate Study

Projected Sanitation Revenue Requirements

Line No.	Description	Projected Fiscal Year Ending September 30, 2017	2018	2019	2020	2021	2022
1	Total Operating Expenses [1]	$3,648,734	$3,716,504	$3,823,102	$3,934,771	$4,050,098	$4,169,213
	Other Revenue Requirements						
2	Annual Debt Service Payments [2]	$0	$0	$0	$0	$423,771	$423,771
3	Transfer to Vehicle Replacement Fund [3]	0	250,000	250,000	250,000	250,000	250,000
4	Other Capital Funded from Rates [4]	106,000	65,000	52,000	53,000	55,000	56,000
5	Intragovernmental Transfers [5]	236,310	248,234	263,147	279,025	295,863	313,718
6	Operating Reserves - Deposits to/(Uses of)	0	0	0	0	0	0
7	Total Other Revenue Requirements	$342,310	$563,234	$565,147	$582,025	$1,024,634	$1,043,489
8	Gross Revenue Requirements	$3,991,044	$4,279,738	$4,388,249	$4,516,796	$5,074,732	$5,212,702
	Less Income and Funds from Other Sources						
9	Other Operating Revenue [6]	$0	$0	$0	$0	$0	$0
10	Interest Income	6,000	6,000	5,000	5,000	5,000	5,000
11	Net Revenue Requirements	$3,985,044	$4,273,738	$4,383,249	$4,511,796	$5,069,732	$5,207,702
	Revenue from Operations						
12	Existing Operating Revenue [6]	$3,932,500	$3,934,500	$3,973,500	$4,012,890	$4,052,674	$4,092,856
13	Prior Year Rate Adjustments	0	0	198,675	411,321	638,803	882,036
14	Total Rate Revenue Before Current Year Adjustment	3,932,500	3,934,500	4,172,175	4,424,211	4,691,477	4,974,892
	Current Year Rate Adjustments						
15	Current Year Rate Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%
	Effective Month	Oct.	Oct.	Oct.	Oct.	Oct.	Oct.
16	% of Current Year Effective	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
17	Total Revenue from Current Year Adjustments	$0	$196,725	$208,609	$221,211	$234,574	$248,745
18	Total Revenue	$3,932,500	$4,131,225	$4,380,784	$4,645,422	$4,926,050	$5,223,636
19	Revenue Surplus/(Deficiency)	($52,544)	($142,513)	($2,465)	$133,625	($143,681)	$15,934
20	Percent of Rate Revenues	-1.34%	-3.45%	-0.06%	2.88%	-2.92%	0.31%

Table 6
City of Stuart
Sanitation Rate Study

Projected Sanitation Revenue Requirements

		As of Fiscal Year Ending September 30,					
21	**Summary of Cash Balances (Year-End)**	2017	2018	2019	2020	2021	2022
22	Unrestricted Operating Fund	$1,372,648	$730,135	$727,670	$861,295	$717,614	$733,548
23	Vehicle Replacement Fund [*]	500,000	515,000	523,000	524,000	517,000	503,000
24	**Total Cash Balances (Year-End)**	$1,872,648	$1,245,135	$1,250,670	$1,385,295	$1,234,614	$1,236,548
25	Operating Days of Operating Expenses - Min.	90	90	90	90	90	90
26	Operating Days of Operating Expenses - Calculated	187	122	119	129	111	108

[*] Amount designed to accumulate not less than $400,000 per year.

	Projected Net Assets	Fiscal Year Ending September 30,					
27		2017	2018	2019	2020	2021	2022
28	Beginning Unrestricted Balance	$2,553,342	$2,360,519	$2,286,727	$2,339,983	$2,530,329	$2,716,330
29	Revenues	$3,932,500	$4,131,225	$4,380,784	$4,645,422	$4,926,050	$5,223,636
30	Less Expenditures	(3,985,044)	(4,273,738)	(4,383,249)	(4,511,796)	(5,069,732)	(5,207,702)
31	Add Back Capital Expenditures	106,000	315,000	302,000	303,000	305,000	306,000
32	Add Back Debt Service Payments	0	0	0	0	423,771	423,771
33	Less Interest Expenses	0	0	0	0	(152,810)	(143,326)
34	Less Allowance for Depreciation & Accrued Adjustments	(246,279)	(246,279)	(246,279)	(246,279)	(246,279)	(246,279)
35	Total Year-end Cash	$2,360,519	$2,286,727	$2,339,983	$2,530,329	$2,716,330	$3,072,429
36	Operating Days of Operating Expenses - Min.	90	90	90	90	90	90
37	Operating Days of Operating Expenses - Calculated	236	225	223	235	245	269

Footnotes continued on the following page.

Footnotes:

[1] Amounts derived from Table 2.

[2] The Department does not have any outstanding obligations, not does it plan to borrow monies for capital projects during the forecast period.

[3] Amounts needed to fund the vehicle replacement needs of the sysetm over 10 years.

[4] Amounts derived from Table 4, if any.

[5] Amounts derived from Table 5.

[6] Amounts derived from Table 1.

Table 7
City of Stuart
Sanitation Rate Study

Projected Fund Balances

Line No.	Description	Reference	Projected Fiscal Year Ending September 30, [1] 2017	2018	2019	2020	2021	2022
	UNRESTRICTED OPERATING FUND							
1	Beginning Balance [2]		$1,425,192	$1,372,648	$730,135	$727,670	$861,295	$717,614
2	Transfers In - Revenues		3,932,500	4,131,225	4,380,784	4,645,422	4,926,050	5,223,636
3	Transfers Out - Net Revenue Requirements		3,985,044	4,273,738	4,383,249	4,511,796	5,069,732	5,207,702
4	Transfers Out - CIP		0	500,000	0	0	0	0
5	Transfers Out (In) - Water and Wastewater Fund		0	0	0	0	0	0
6	End of Year Transfer In / (Out)		0	0	0	0	0	0
7	Interest Rate	Short Term	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
8	Interest Income		3,000	3,000	2,000	2,000	2,000	2,000
9	Transfer of Interest Income to Revenue Fund		3,000	3,000	2,000	2,000	2,000	2,000
10	Ending Balance		$1,372,648	$730,135	$727,670	$861,295	$717,614	$733,548
	VEHICLE REPLACEMENT FUND (PROPOSED)							
11	Beginning Balance [2]		$500,000	$500,000	$515,000	$523,000	$524,000	$517,000
12	Transfers In		0	250,000	250,000	250,000	250,000	250,000
13	Transfers Out		0	235,000	242,000	249,000	257,000	264,000
14	Interest Rate	Medium Term	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
15	Interest Income		3,000	3,000	3,000	3,000	3,000	3,000
16	Transfer of Interest Income to Revenue Fund		3,000	3,000	3,000	3,000	3,000	3,000
17	Ending Balance		$500,000	$515,000	$523,000	$524,000	$517,000	$503,000
	CUSTOMER DEPOSITS							
18	Beginning Balance [2]		$391,376	$391,376	$391,376	$391,376	$391,376	$391,376
19	Transfers In		0	0	0	0	0	0
20	Transfers Out		0	0	0	0	0	0
21	Interest Rate	None	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22	Interest Income		0	0	0	0	0	0
23	Transfer of Interest Income to Revenue Fund		0	0	0	0	0	0
24	Ending Balance		$391,376	$391,376	$391,376	$391,376	$391,376	$391,376
25	TOTAL INTEREST INCOME		$6,000	$6,000	$5,000	$5,000	$5,000	$5,000

Footnotes:

[1] Cash balances dependent upon the adoption of proposed rate increases shown in Table 7, if any.

[2] The beginning balance was derived from the City's audited CAFR as of September 30, 2016.

Table 8
City of Stuart
Sanitation Rate Study

Proposed Sanitation Rates

Line No.	Description	Proposed Sanitation Rates by Service and Frequency: Existing	Adjusted Existing [1]	Oct. 1, 2017	Oct. 1, 2018	Oct. 1, 2019	Oct. 1, 2020	Oct. 1, 2021
	SANITATION SYSTEM							
1	Proposed Sanitation Rate Increase [2]	N/A	N/A	5.00%	5.00%	5.00%	5.00%	5.00%
	RESIDENTIAL - LESS THAN THREE (3) UNITS							
2	Monthly Charges (per Unit)	$17.00	$17.00	$17.85	$18.74	$19.68	$20.66	$21.69
	MULTI-FAMILY - FOUR (4) OR MORE UNITS							
	Monthly Charge (per Unit)							
	1/2 Cubic Yard Container							
3	One (1) Pickup per Week	$20.25	$20.25	$21.26	$22.32	$23.44	$24.61	$25.84
4	Two (2) Pickups per Week	$40.50	$40.50	$42.52	$44.64	$46.88	$49.22	$51.68
5	Three (3) Pickups per Week	$60.74	$60.75	$63.78	$66.96	$70.32	$73.83	$77.52
6	Four (4) Pickups per Week	$80.99	$81.00	$85.04	$89.28	$93.76	$98.44	$103.36
7	Five (5) Pickups per Week	$101.23	$101.25	$106.30	$111.60	$117.20	$123.05	$129.20
8	Six (6) Pickups per Week	$121.48	$121.50	$127.56	$133.92	$140.64	$147.66	$155.04
	1 Cubic Yard Container							
9	One (1) Pickup per Week	$40.50	$40.50	$42.53	$44.66	$46.89	$49.23	$51.69
10	Two (2) Pickups per Week	$80.97	$81.00	$85.06	$89.32	$93.78	$98.46	$103.38
11	Three (3) Pickups per Week	$121.45	$121.50	$127.59	$133.98	$140.67	$147.69	$155.07
12	Four (4) Pickups per Week	$161.93	$162.00	$170.12	$178.64	$187.56	$196.92	$206.76
13	Five (5) Pickups per Week	$202.42	$202.50	$212.65	$223.30	$234.45	$246.15	$258.45
14	Six (6) Pickups per Week	$242.90	$243.00	$255.18	$267.96	$281.34	$295.38	$310.14
	2 Cubic Yard Container							
15	One (1) Pickup per Week	$80.97	$81.00	$85.05	$89.30	$93.77	$98.46	$103.38
16	Two (2) Pickups per Week	$161.93	$162.00	$170.10	$178.60	$187.54	$196.92	$206.76
17	Three (3) Pickups per Week	$242.90	$243.00	$255.15	$267.90	$281.31	$295.38	$310.14
18	Four (4) Pickups per Week	$323.86	$324.00	$340.20	$357.20	$375.08	$393.84	$413.52
19	Five (5) Pickups per Week	$404.84	$405.00	$425.25	$446.50	$468.85	$492.30	$516.90
20	Six (6) Pickups per Week	$485.80	$486.00	$510.30	$535.80	$562.62	$590.76	$620.28
	3 Cubic Yard Container							
21	One (1) Pickup per Week	$121.45	$121.50	$127.58	$133.96	$140.66	$147.69	$155.07
22	Two (2) Pickups per Week	$242.90	$243.00	$255.16	$267.92	$281.32	$295.38	$310.14
23	Three (3) Pickups per Week	$364.35	$364.50	$382.74	$401.88	$421.98	$443.07	$465.21
24	Four (4) Pickups per Week	$485.80	$486.00	$510.32	$535.84	$562.64	$590.76	$620.28
25	Five (5) Pickups per Week	$607.25	$607.50	$637.90	$669.80	$703.30	$738.45	$775.35
26	Six (6) Pickups per Week	$728.70	$729.00	$765.48	$803.76	$843.96	$886.14	$930.42
	4 Cubic Yard Container							
27	One (1) Pickup per Week	$161.93	$162.00	$170.10	$178.61	$187.54	$196.92	$206.77
28	Two (2) Pickups per Week	$323.86	$324.00	$340.20	$357.22	$375.08	$393.84	$413.54
29	Three (3) Pickups per Week	$485.80	$486.00	$510.30	$535.83	$562.62	$590.76	$620.31
30	Four (4) Pickups per Week	$647.73	$648.00	$680.40	$714.44	$750.16	$787.68	$827.08
31	Five (5) Pickups per Week	$809.67	$810.00	$850.50	$893.05	$937.70	$984.60	$1,033.85
32	Six (6) Pickups per Week	$971.60	$972.00	$1,020.60	$1,071.66	$1,125.24	$1,181.52	$1,240.62
	6 Cubic Yard Container							
33	One (1) Pickup per Week	$242.90	$243.00	$255.15	$267.91	$281.31	$295.38	$310.15
34	Two (2) Pickups per Week	$485.80	$486.00	$510.30	$535.82	$562.62	$590.76	$620.30
35	Three (3) Pickups per Week	$728.70	$729.00	$765.45	$803.73	$843.93	$886.14	$930.45
36	Four (4) Pickups per Week	$971.60	$972.00	$1,020.60	$1,071.64	$1,125.24	$1,181.52	$1,240.60
37	Five (5) Pickups per Week	$1,214.50	$1,215.00	$1,275.75	$1,339.55	$1,406.55	$1,476.90	$1,550.75
38	Six (6) Pickups per Week	$1,457.40	$1,458.00	$1,530.90	$1,607.46	$1,687.86	$1,772.28	$1,860.90
	8 Cubic Yard Container							
39	One (1) Pickup per Week	$323.86	$324.00	$340.20	$357.21	$375.07	$393.82	$413.51
40	Two (2) Pickups per Week	$647.73	$648.00	$680.40	$714.42	$750.14	$787.64	$827.02
41	Three (3) Pickups per Week	$971.60	$972.00	$1,020.60	$1,071.63	$1,125.21	$1,181.46	$1,240.53
42	Four (4) Pickups per Week	$1,295.47	$1,296.00	$1,360.80	$1,428.84	$1,500.28	$1,575.28	$1,654.04
43	Five (5) Pickups per Week	$1,619.33	$1,620.00	$1,701.00	$1,786.05	$1,875.35	$1,969.10	$2,067.55
44	Six (6) Pickups per Week	$1,943.20	$1,944.00	$2,041.20	$2,143.26	$2,250.42	$2,362.92	$2,481.06

Table 8
City of Stuart
Sanitation Rate Study

Proposed Sanitation Rates

Line No.	Description	Existing	Adjusted Existing [1]	Proposed Sanitation Rates by Service and Frequency Oct. 1, 2017	Oct. 1, 2018	Oct. 1, 2019	Oct. 1, 2020	Oct. 1, 2021
	COMMERCIAL (ALL NONRESIDENTIAL USES)							
	Monthly Charge (per Unit)							
	1/2 Cubic Yard Container							
45	One (1) Pickup per Week	$20.25	$20.25	$21.26	$22.32	$23.44	$24.61	$25.84
46	Two (2) Pickups per Week	$40.50	$40.50	$42.52	$44.64	$46.88	$49.22	$51.68
47	Three (3) Pickups per Week	$60.74	$60.75	$63.78	$66.96	$70.32	$73.83	$77.52
48	Four (4) Pickups per Week	$80.99	$81.00	$85.04	$89.28	$93.76	$98.44	$103.36
49	Five (5) Pickups per Week	$101.23	$101.25	$106.30	$111.60	$117.20	$123.05	$129.20
50	Six (6) Pickups per Week	$121.48	$121.50	$127.56	$133.92	$140.64	$147.66	$155.04
	1 Cubic Yard Container							
51	One (1) Pickup per Week	$40.50	$40.50	$42.53	$44.66	$46.89	$49.23	$51.69
52	Two (2) Pickups per Week	$80.97	$81.00	$85.06	$89.32	$93.78	$98.46	$103.38
53	Three (3) Pickups per Week	$121.45	$121.50	$127.59	$133.98	$140.67	$147.69	$155.07
54	Four (4) Pickups per Week	$161.93	$162.00	$170.12	$178.64	$187.56	$196.92	$206.76
55	Five (5) Pickups per Week	$202.42	$202.50	$212.65	$223.30	$234.45	$246.15	$258.45
56	Six (6) Pickups per Week	$242.90	$243.00	$255.18	$267.96	$281.34	$295.38	$310.14
	2 Cubic Yard Container							
57	One (1) Pickup per Week	$80.97	$81.00	$85.05	$89.30	$93.77	$98.46	$103.38
58	Two (2) Pickups per Week	$161.93	$162.00	$170.10	$178.60	$187.54	$196.92	$206.76
59	Three (3) Pickups per Week	$242.90	$243.00	$255.15	$267.90	$281.31	$295.38	$310.14
60	Four (4) Pickups per Week	$323.86	$324.00	$340.20	$357.20	$375.08	$393.84	$413.52
61	Five (5) Pickups per Week	$404.84	$405.00	$425.25	$446.50	$468.85	$492.30	$516.90
62	Six (6) Pickups per Week	$485.80	$486.00	$510.30	$535.80	$562.62	$590.76	$620.28
	3 Cubic Yard Container							
63	One (1) Pickup per Week	$121.45	$121.50	$127.58	$133.96	$140.66	$147.69	$155.07
64	Two (2) Pickups per Week	$242.90	$243.00	$255.16	$267.92	$281.32	$295.38	$310.14
65	Three (3) Pickups per Week	$364.35	$364.50	$382.74	$401.88	$421.98	$443.07	$465.21
66	Four (4) Pickups per Week	$485.80	$486.00	$510.32	$535.84	$562.64	$590.76	$620.28
67	Five (5) Pickups per Week	$607.25	$607.50	$637.90	$669.80	$703.30	$738.45	$775.35
68	Six (6) Pickups per Week	$728.70	$729.00	$765.48	$803.76	$843.96	$886.14	$930.42
	4 Cubic Yard Container							
69	One (1) Pickup per Week	$161.93	$162.00	$170.10	$178.61	$187.54	$196.92	$206.77
70	Two (2) Pickups per Week	$323.86	$324.00	$340.20	$357.22	$375.08	$393.84	$413.54
71	Three (3) Pickups per Week	$485.80	$486.00	$510.30	$535.83	$562.62	$590.76	$620.31
72	Four (4) Pickups per Week	$647.73	$648.00	$680.40	$714.44	$750.16	$787.68	$827.08
73	Five (5) Pickups per Week	$809.67	$810.00	$850.50	$893.05	$937.70	$984.60	$1,033.85
74	Six (6) Pickups per Week	$971.60	$972.00	$1,020.60	$1,071.66	$1,125.24	$1,181.52	$1,240.62
	6 Cubic Yard Container							
75	One (1) Pickup per Week	$242.90	$243.00	$255.15	$267.91	$281.31	$295.38	$310.15
76	Two (2) Pickups per Week	$485.80	$486.00	$510.30	$535.82	$562.62	$590.76	$620.30
77	Three (3) Pickups per Week	$728.70	$729.00	$765.45	$803.73	$843.93	$886.14	$930.45
78	Four (4) Pickups per Week	$971.60	$972.00	$1,020.60	$1,071.64	$1,125.24	$1,181.52	$1,240.60
79	Five (5) Pickups per Week	$1,214.50	$1,215.00	$1,275.75	$1,339.55	$1,406.55	$1,476.90	$1,550.75
80	Six (6) Pickups per Week	$1,457.40	$1,458.00	$1,530.90	$1,607.46	$1,687.86	$1,772.28	$1,860.90
	8 Cubic Yard Container							
81	One (1) Pickup per Week	$323.86	$324.00	$340.20	$357.21	$375.07	$393.82	$413.51
82	Two (2) Pickups per Week	$647.73	$648.00	$680.40	$714.42	$750.14	$787.64	$827.02
83	Three (3) Pickups per Week	$971.60	$972.00	$1,020.60	$1,071.63	$1,125.21	$1,181.46	$1,240.53
84	Four (4) Pickups per Week	$1,295.47	$1,296.00	$1,360.80	$1,428.84	$1,500.28	$1,575.28	$1,654.04
85	Five (5) Pickups per Week	$1,619.33	$1,620.00	$1,701.00	$1,786.05	$1,875.35	$1,969.10	$2,067.55
86	Six (6) Pickups per Week	$1,943.20	$1,944.00	$2,041.20	$2,143.26	$2,250.42	$2,362.92	$2,481.06
	COMMERCIAL ROFF-OFF / COMPACTOR							
	Charge per Pickup							
87	10 Cubic Yards	$149.18	$149.18	$156.64	$164.47	$172.69	$181.32	$190.39
88	20 Cubic Yards	$159.46	$159.46	$167.43	$175.80	$184.59	$193.82	$203.51
89	30 Cubic Yards	$169.75	$169.75	$178.24	$187.15	$196.51	$206.34	$216.66
90	40 Cubic Yards	$180.04	$180.04	$189.04	$198.49	$208.41	$218.83	$229.77
91	Compactor	$236.62	$236.62	$248.45	$260.87	$273.91	$287.61	$301.99

Table 8
City of Stuart
Sanitation Rate Study

Proposed Sanitation Rates

Line No.	Description	Existing	Adjusted Existing [1]	Oct. 1, 2017	Oct. 1, 2018	Oct. 1, 2019	Oct. 1, 2020	Oct. 1, 2021
		Proposed Sanitation Rates by Service and Frequency						
	COMMERCIAL RECYCLING							
	Monthly Charge (per Unit)							
	1/2 Cubic Yard Container							
92	One (1) Pickup per Week	$10.12	$10.12	$10.63	$11.16	$11.72	$12.31	$12.93
93	Two (2) Pickups per Week	$20.25	$20.24	$21.26	$22.32	$23.44	$24.62	$25.86
94	Three (3) Pickups per Week	$30.37	$30.36	$31.89	$33.48	$35.16	$36.93	$38.79
95	Four (4) Pickups per Week	$40.50	$40.48	$42.52	$44.64	$46.88	$49.24	$51.72
96	Five (5) Pickups per Week	$50.61	$50.60	$53.15	$55.80	$58.60	$61.55	$64.65
97	Six (6) Pickups per Week	$60.74	$60.72	$63.78	$66.96	$70.32	$73.86	$77.58
	1 Cubic Yard Container							
98	One (1) Pickup per Week	$20.24	$20.24	$21.25	$22.31	$23.43	$24.60	$25.83
99	Two (2) Pickups per Week	$40.48	$40.48	$42.50	$44.62	$46.86	$49.20	$51.66
100	Three (3) Pickups per Week	$60.71	$60.72	$63.75	$66.93	$70.29	$73.80	$77.49
101	Four (4) Pickups per Week	$80.95	$80.96	$85.00	$89.24	$93.72	$98.40	$103.32
102	Five (5) Pickups per Week	$101.18	$101.20	$106.25	$111.55	$117.15	$123.00	$129.15
103	Six (6) Pickups per Week	$121.42	$121.44	$127.50	$133.86	$140.58	$147.60	$154.98
	2 Cubic Yard Container							
104	One (1) Pickup per Week	$40.48	$40.48	$42.50	$44.63	$46.86	$49.20	$51.66
105	Two (2) Pickups per Week	$79.91	$80.96	$85.00	$89.26	$93.72	$98.40	$103.32
106	Three (3) Pickups per Week	$121.42	$121.44	$127.50	$133.89	$140.58	$147.60	$154.98
107	Four (4) Pickups per Week	$161.89	$161.92	$170.00	$178.52	$187.44	$196.80	$206.64
108	Five (5) Pickups per Week	$202.37	$202.40	$212.50	$223.15	$234.30	$246.00	$258.30
109	Six (6) Pickups per Week	$242.84	$242.88	$255.00	$267.78	$281.16	$295.20	$309.96
	3 Cubic Yard Container							
110	One (1) Pickup per Week	$60.71	$60.72	$63.76	$66.95	$70.30	$73.82	$77.51
111	Two (2) Pickups per Week	$121.41	$121.44	$127.52	$133.90	$140.60	$147.64	$155.02
112	Three (3) Pickups per Week	$182.13	$182.16	$191.28	$200.85	$210.90	$221.46	$232.53
113	Four (4) Pickups per Week	$242.84	$242.88	$255.04	$267.80	$281.20	$295.28	$310.04
114	Five (5) Pickups per Week	$303.55	$303.60	$318.80	$334.75	$351.50	$369.10	$387.55
115	Six (6) Pickups per Week	$364.26	$364.32	$382.56	$401.70	$421.80	$442.92	$465.06
	4 Cubic Yard Container							
116	One (1) Pickup per Week	$71.83	$80.96	$85.01	$89.26	$93.72	$98.41	$103.33
117	Two (2) Pickups per Week	$161.89	$161.92	$170.02	$178.52	$187.44	$196.82	$206.66
118	Three (3) Pickups per Week	$242.84	$242.88	$255.03	$267.78	$281.16	$295.23	$309.99
119	Four (4) Pickups per Week	$323.78	$323.84	$340.04	$357.04	$374.88	$393.64	$413.32
120	Five (5) Pickups per Week	$404.73	$404.80	$425.05	$446.30	$468.60	$492.05	$516.65
121	Six (6) Pickups per Week	$485.68	$485.76	$510.06	$535.56	$562.32	$590.46	$619.98
	6 Cubic Yard Container							
122	One (1) Pickup per Week	$121.42	$121.44	$127.51	$133.89	$140.58	$147.61	$154.99
123	Two (2) Pickups per Week	$242.84	$242.88	$255.02	$267.78	$281.16	$295.22	$309.98
124	Three (3) Pickups per Week	$364.26	$364.32	$382.53	$401.67	$421.74	$442.83	$464.97
125	Four (4) Pickups per Week	$485.68	$485.76	$510.04	$535.56	$562.32	$590.44	$619.96
126	Five (5) Pickups per Week	$607.09	$607.20	$637.55	$669.45	$702.90	$738.05	$774.95
127	Six (6) Pickups per Week	$728.52	$728.64	$765.06	$803.34	$843.48	$885.66	$929.94
	8 Cubic Yard Container							
128	One (1) Pickup per Week	$163.95	$161.92	$170.02	$178.52	$187.45	$196.82	$206.66
129	Two (2) Pickups per Week	$323.78	$323.84	$340.04	$357.04	$374.90	$393.64	$413.32
130	Three (3) Pickups per Week	$485.68	$485.76	$510.06	$535.56	$562.35	$590.46	$619.98
131	Four (4) Pickups per Week	$647.57	$647.68	$680.08	$714.08	$749.80	$787.28	$826.64
132	Five (5) Pickups per Week	$809.46	$809.60	$850.10	$892.60	$937.25	$984.10	$1,033.30
133	Six (6) Pickups per Week	$971.35	$971.52	$1,020.12	$1,071.12	$1,124.70	$1,180.92	$1,239.96

Table 8
City of Stuart
Sanitation Rate Study

Proposed Sanitation Rates

Line No.	Description	Existing	Adjusted Existing [1]	Proposed Sanitation Rates by Service and Frequency Oct. 1, 2017	Oct. 1, 2018	Oct. 1, 2019	Oct. 1, 2020	Oct. 1, 2021
	COMMERCIAL RECYCLING CREDIT							
	Monthly Charge (per Unit)							
	1/2 Cubic Yard Container							
134	One (1) Pickup per Week	$17.74	$17.74	$18.63	$19.56	$20.54	$21.57	$22.65
135	Two (2) Pickups per Week	$35.47	$35.48	$37.26	$39.12	$41.08	$43.14	$45.30
136	Three (3) Pickups per Week	$53.21	$53.22	$55.89	$58.68	$61.62	$64.71	$67.95
137	Four (4) Pickups per Week	$70.94	$70.96	$74.52	$78.24	$82.16	$86.28	$90.60
138	Five (5) Pickups per Week	$88.68	$88.70	$93.15	$97.80	$102.70	$107.85	$113.25
139	Six (6) Pickups per Week	$106.42	$106.44	$111.78	$117.36	$123.24	$129.42	$135.90
	1 Cubic Yard Container							
140	One (1) Pickup per Week	$35.47	$35.48	$37.25	$39.11	$41.07	$43.12	$45.28
141	Two (2) Pickups per Week	$70.94	$70.96	$74.50	$78.22	$82.14	$86.24	$90.56
142	Three (3) Pickups per Week	$106.42	$106.44	$111.75	$117.33	$123.21	$129.36	$135.84
143	Four (4) Pickups per Week	$141.85	$141.92	$149.00	$156.44	$164.28	$172.48	$181.12
144	Five (5) Pickups per Week	$177.31	$177.40	$186.25	$195.55	$205.35	$215.60	$226.40
145	Six (6) Pickups per Week	$212.77	$212.88	$223.50	$234.66	$246.42	$258.72	$271.68
	2 Cubic Yard Container							
146	One (1) Pickup per Week	$70.94	$70.96	$74.51	$78.24	$82.15	$86.26	$90.57
147	Two (2) Pickups per Week	$141.85	$141.92	$149.02	$156.48	$164.30	$172.52	$181.14
148	Three (3) Pickups per Week	$212.77	$212.88	$223.53	$234.72	$246.45	$258.78	$271.71
149	Four (4) Pickups per Week	$283.69	$283.84	$298.04	$312.96	$328.60	$345.04	$362.28
150	Five (5) Pickups per Week	$354.62	$354.80	$372.55	$391.20	$410.75	$431.30	$452.85
151	Six (6) Pickups per Week	$425.54	$425.76	$447.06	$469.44	$492.90	$517.56	$543.42
	3 Cubic Yard Container							
152	One (1) Pickup per Week	$106.42	$106.44	$111.76	$117.35	$123.22	$129.38	$135.85
153	Two (2) Pickups per Week	$212.77	$212.88	$223.52	$234.70	$246.44	$258.76	$271.70
154	Three (3) Pickups per Week	$319.15	$319.32	$335.28	$352.05	$369.66	$388.14	$407.55
155	Four (4) Pickups per Week	$425.54	$425.76	$447.04	$469.40	$492.88	$517.52	$543.40
156	Five (5) Pickups per Week	$531.92	$532.20	$558.80	$586.75	$616.10	$646.90	$679.25
157	Six (6) Pickups per Week	$638.31	$638.64	$670.56	$704.10	$739.32	$776.28	$815.10
	4 Cubic Yard Container							
158	One (1) Pickup per Week	$141.85	$141.92	$149.02	$156.47	$164.29	$172.50	$181.13
159	Two (2) Pickups per Week	$283.69	$283.84	$298.04	$312.94	$328.58	$345.00	$362.26
160	Three (3) Pickups per Week	$425.54	$425.76	$447.06	$469.41	$492.87	$517.50	$543.39
161	Four (4) Pickups per Week	$567.39	$567.68	$596.08	$625.88	$657.16	$690.00	$724.52
162	Five (5) Pickups per Week	$709.23	$709.60	$745.10	$782.35	$821.45	$862.50	$905.65
163	Six (6) Pickups per Week	$851.08	$851.52	$894.12	$938.82	$985.74	$1,035.00	$1,086.78
	6 Cubic Yard Container							
164	One (1) Pickup per Week	$212.77	$212.88	$223.52	$234.70	$246.44	$258.76	$271.70
165	Two (2) Pickups per Week	$425.54	$425.76	$447.04	$469.40	$492.88	$517.52	$543.40
166	Three (3) Pickups per Week	$638.31	$638.64	$670.56	$704.10	$739.32	$776.28	$815.10
167	Four (4) Pickups per Week	$851.08	$851.52	$894.08	$938.80	$985.76	$1,035.04	$1,086.80
168	Five (5) Pickups per Week	$1,063.85	$1,064.40	$1,117.60	$1,173.50	$1,232.20	$1,293.80	$1,358.50
169	Six (6) Pickups per Week	$1,276.62	$1,277.28	$1,341.12	$1,408.20	$1,478.64	$1,552.56	$1,630.20
	8 Cubic Yard Container							
170	One (1) Pickup per Week	$283.69	$283.84	$298.03	$312.93	$328.58	$345.01	$362.26
171	Two (2) Pickups per Week	$567.39	$567.68	$596.06	$625.86	$657.16	$690.02	$724.52
172	Three (3) Pickups per Week	$851.08	$851.52	$894.09	$938.79	$985.74	$1,035.03	$1,086.78
173	Four (4) Pickups per Week	$1,134.77	$1,135.36	$1,192.12	$1,251.72	$1,314.32	$1,380.04	$1,449.04
174	Five (5) Pickups per Week	$1,418.47	$1,419.20	$1,490.15	$1,564.65	$1,642.90	$1,725.05	$1,811.30
175	Six (6) Pickups per Week	$1,702.16	$1,703.04	$1,788.18	$1,877.58	$1,971.48	$2,070.06	$2,173.56
	COMMERCIAL EXTRA PICKUP [3]							
	Charge per Extra Pickup							
176	1/2 Cubic Yard Container	N/A	$4.67	$4.91	$5.15	$5.41	$5.68	$5.96
177	1 Cubic Yard Container	N/A	$9.35	$9.81	$10.31	$10.82	$11.36	$11.93
178	2 Cubic Yard Container	$18.69	$18.69	$19.63	$20.61	$21.64	$22.72	$23.86
179	3 Cubic Yard Container	$28.03	$28.04	$29.44	$30.91	$32.46	$34.08	$35.79
180	4 Cubic Yard Container	$37.37	$37.38	$39.25	$41.22	$43.28	$45.44	$47.72
181	6 Cubic Yard Container	$56.06	$56.08	$58.88	$61.83	$64.92	$68.16	$71.57
182	8 Cubic Yard Container	$74.73	$74.77	$78.51	$82.43	$86.55	$90.88	$95.43
	COMMERCIAL RECYCLE EXTRA PICKUP [3]							
	Charge per Extra Pickup							
183	1/2 Cubic Yard Container	N/A	$2.34	$2.45	$2.58	$2.70	$2.84	$2.98
184	1 Cubic Yard Container	N/A	$4.67	$4.90	$5.15	$5.41	$5.68	$5.96
185	2 Cubic Yard Container	$9.34	$9.34	$9.81	$10.30	$10.81	$11.35	$11.92
186	3 Cubic Yard Container	$14.01	$14.01	$14.71	$15.45	$16.22	$17.04	$17.89
187	4 Cubic Yard Container	$18.69	$18.68	$19.62	$20.60	$21.63	$22.71	$23.85
188	6 Cubic Yard Container	$28.03	$28.02	$29.43	$30.90	$32.44	$34.06	$35.77
189	8 Cubic Yard Container	$37.37	$37.37	$39.24	$41.20	$43.26	$45.42	$47.69

Table 8
City of Stuart
Sanitation Rate Study

Proposed Sanitation Rates

Line No.	Description	Existing	Adjusted Existing [1]	Oct. 1, 2017	Oct. 1, 2018	Oct. 1, 2019	Oct. 1, 2020	Oct. 1, 2021
		Proposed Sanitation Rates by Service and Frequency						
	COMMERCIAL EXTRA PICKUP WITH RECYCLE SERVICE							
	Charge per Extra Pickup							
190	1/2 Cubic Yard Container	N/A	$4.16	$4.37	$4.59	$4.82	$5.06	$5.31
191	1 Cubic Yard Container	N/A	$8.32	$8.74	$9.18	$9.64	$10.12	$10.62
192	2 Cubic Yard Container	$16.62	$16.64	$17.48	$18.36	$19.28	$20.24	$21.24
193	3 Cubic Yard Container	$24.94	$24.96	$26.22	$27.54	$28.92	$30.36	$31.86
194	4 Cubic Yard Container	$33.25	$33.28	$34.96	$36.72	$38.56	$40.48	$42.48
195	6 Cubic Yard Container	$49.88	$49.92	$52.44	$55.08	$57.84	$60.72	$63.72
196	8 Cubic Yard Container	$66.50	$66.56	$69.92	$73.44	$77.12	$80.96	$84.96
	COMMERCIAL CLEANUP							
	Charge per Cleanup							
197	1/2 Cubic Yard Container	N/A	$4.67	$4.91	$5.15	$5.41	$5.68	$5.96
198	1 Cubic Yard Container	N/A	$9.35	$9.81	$10.31	$10.82	$11.36	$11.93
199	2 Cubic Yard Container	$18.69	$18.69	$19.63	$20.61	$21.64	$22.72	$23.86
200	3 Cubic Yard Container	$28.03	$28.04	$29.44	$30.91	$32.46	$34.08	$35.79
201	4 Cubic Yard Container	$37.37	$37.38	$39.25	$41.22	$43.28	$45.44	$47.72
202	6 Cubic Yard Container	$56.05	$56.08	$58.88	$61.83	$64.92	$68.16	$71.57
203	8 Cubic Yard Container	$74.73	$74.77	$78.51	$82.43	$86.55	$90.88	$95.43
	COMMERCIAL RECYCLE CLEANUP							
	Charge per Cleanup							
204	1/2 Cubic Yard Container	N/A	$2.34	$2.45	$2.58	$2.70	$2.84	$2.98
205	1 Cubic Yard Container	N/A	$4.67	$4.90	$5.15	$5.41	$5.68	$5.96
206	2 Cubic Yard Container	$9.34	$9.34	$9.81	$10.30	$10.81	$11.35	$11.92
207	3 Cubic Yard Container	$14.01	$14.01	$14.71	$15.45	$16.22	$17.04	$17.89
208	4 Cubic Yard Container	$18.69	$18.68	$19.62	$20.60	$21.63	$22.71	$23.85
209	6 Cubic Yard Container	$28.03	$28.02	$29.43	$30.90	$32.44	$34.06	$35.77
210	8 Cubic Yard Container	$37.37	$37.37	$39.24	$41.20	$43.26	$45.42	$47.69
	COMMERCIAL CLEANUP WITH RECYCLE SERVICE							
	Charge per Cleanup							
211	1/2 Cubic Yard Container	N/A	$4.16	$4.37	$4.59	$4.82	$5.06	$5.31
212	1 Cubic Yard Container	N/A	$8.32	$8.74	$9.18	$9.64	$10.12	$10.62
213	2 Cubic Yard Container	$16.62	$16.64	$17.48	$18.36	$19.28	$20.24	$21.24
214	3 Cubic Yard Container	$24.94	$24.96	$26.22	$27.54	$28.92	$30.36	$31.86
215	4 Cubic Yard Container	$33.25	$33.28	$34.96	$36.72	$38.56	$40.48	$42.48
216	6 Cubic Yard Container	$49.88	$49.92	$52.44	$55.08	$57.84	$60.72	$63.72
217	8 Cubic Yard Container	$66.50	$66.56	$69.92	$73.44	$77.12	$80.96	$84.96
	TRASH PICKUP							
	Charge per Pickup							
218	1/4 Load = 6 Cubic Yards	$31.04	$31.04	$32.59	$34.22	$35.93	$37.73	$39.62
219	1/2 Load = 12 Cubic Yards	$62.08	$62.08	$65.18	$68.44	$71.86	$75.46	$79.24
220	3/4 Load = 18 Cubic Yards	$93.01	$93.12	$97.77	$102.66	$107.79	$113.19	$118.86
221	Full Load = 24 Cubic Yards	$124.02	$124.16	$130.36	$136.88	$143.72	$150.92	$158.48
	VARIOUS MISCELLANEOUS [4]							
	Charge per Occurrence							
222	Dumpster Delivery Fee	$15.00	$15.00	$15.00	$15.00	$15.00	$15.00	$15.00
223	Roll-Off / Compactor Delivery	$100.00	$100.00	$100.00	$100.00	$100.00	$100.00	$100.00
224	Change in Service	$34.00	$34.00	$34.00	$34.00	$34.00	$34.00	$34.00
225	Wheels - Straight or Swivel	$75.00	$75.00	$75.00	$75.00	$75.00	$75.00	$75.00
226	Cleaning of Dumpsters	$75.00	$75.00	$75.00	$75.00	$75.00	$75.00	$75.00
227	Cleaning of Roll-off / Compactor	$100.00	$100.00	$100.00	$100.00	$100.00	$100.00	$100.00
228	Install Locking Device	$56.00	$56.00	$56.00	$56.00	$56.00	$56.00	$56.00
229	Relocation of Roll-off / Compactor	$75.00	$75.00	$75.00	$75.00	$75.00	$75.00	$75.00
230	Return Trip for Inaccessible Dumpster	$15.00	$15.00	$15.00	$15.00	$15.00	$15.00	$15.00
231	Return Trip for Inaccessible Roll-off / Compactor	$135.00	$135.00	$135.00	$135.00	$135.00	$135.00	$135.00
232	Yard Trash Left by Landscaping Business	$65.00	$65.00	$65.00	$65.00	$65.00	$65.00	$65.00

Footnotes:

[1] The sanitation rate structure was initially based on a uniform rate per size and frequency of pickups. Over time, as adjustments have been made to the rates, the rates have migrated from the original form. Amounts reflect adjustments to the current rates to recalibrate the rates to match the uniform approach.

[2] Proposed annual rate increases derived from Table 6.

[3] Amounts based on the stated monthly rates for each service allocated over a single pick-up or 12 months service for 52 weeks during the year on average.

[4] Based on discussions with City staff, charges reflect miscellaneous fees which are not proposed to increase over the study period.

Table 9
City of Stuart
Sanitation Rate Study

Comparison of Residential Sanitation Rates [1]

Line No.	Description	Residential Collection & Disposal Annual Charges	Garbage Collection	Recycling Collection	Yard-Waste Collection	Non-Ad Valorem Assessment
	City of Stuart:					
1	Existing [2]	$17.00	1 x week	1 x week	1 x week	No
2	Proposed FY 2018 [2]	17.85	1 x week	1 x week	1 x week	No
	Other Sanitation Systems:					
3	City of Fort Pierce [3]	21.95	2 x week	1 x week	1 x week	No
4	Martin County - Existing	25.35	2 x week	1 x week	1 x week	Yes
5	Martin County - Proposed FY 2018	25.75	2 x week	1 x week	1 x week	Yes
6	City of Port St. Lucie	22.36	2 x week	1 x week	1 x week	Yes
7	St. Lucie County	21.01	2 x week	1 x week	1 x week	Yes
8	Existing Survey Average	$21.53				

Footnotes:

[1] Unless otherwise noted, amounts shown reflect rates in effect April 2017 and are exclusive of taxes or franchise fees, if any. All rates are as reported by the respective utility. This comparison is intended to show comparable charges for similar service for comparison purposes only and is not intended to be a complete listing of all rates and charges offered by each listed utility.

[2] The City of Stuart offers two recycling collections per week for certain addresses.

[3] The City of Fort Pierce charges $19.25 per month for garbage and yard waste collection. Recycling service is an additional $2.70 per month.