

CITY OF JACKSON

Sewer Rate Study

	Existing Rate Charge [1]	Calculated					
		7/1/2016	7/1/2017	7/1/2018	7/1/2019	7/1/2020	
Residential	Revenue Totals=>	\$763,408	\$880,928	\$1,030,087	\$1,045,194	\$1,074,051	
Step 1: Baseline O&M		\$12.53	\$13.86	\$13.92	\$14.20	\$14.56	per unit
Step 2: Capital & Reserves		\$1.86	\$0.00	\$0.00	\$0.00	\$0.19	per unit
Step 3: WTF Construction Project		\$0.00	\$2.75	\$5.50	\$5.50	\$5.50	per unit
Subtotal	\$29.35	\$14.39	\$16.61	\$19.42	\$19.71	\$20.25	
Variable Charge per HCF		\$2.92	\$3.37	\$3.94	\$3.99	\$4.10	per HCF
Commercial [2]							
Group 1 - Fixed, Monthly Charge	Revenue Totals=>	\$66,950	\$77,261	\$90,362	\$91,687	\$94,219	
Step 1: Baseline O&M		\$12.71	\$14.06	\$14.12	\$14.41	\$14.77	per Account
Step 2: Capital & Reserves		\$1.89	\$0.00	\$0.00	\$0.00	\$0.19	per Account
Step 3: WTF Construction Project		\$0.00	\$2.80	\$5.59	\$5.59	\$5.59	per Account
Subtotal	\$14.60	\$16.86	\$19.71	\$20.00	\$20.55	\$20.55	
Variable Charge per HCF		\$2.94	\$3.39	\$3.96	\$4.02	\$4.13	per HCF
Group 2 - Fixed, Monthly Charge	Revenue Totals=>	\$22,530	\$26,036	\$30,588	\$31,032	\$31,891	
Step 1: Baseline O&M		\$47.83	\$52.89	\$53.11	\$54.20	\$55.57	per Account
Step 2: Capital & Reserves		\$7.39	\$0.00	\$0.00	\$0.00	\$0.74	per Account
Step 3: WTF Construction Project		\$0.00	\$10.93	\$21.86	\$21.86	\$21.86	per Account
Subtotal	\$55.22	\$63.82	\$74.97	\$76.06	\$76.06	\$78.17	
Variable Charge per HCF		\$3.41	\$3.94	\$4.63	\$4.69	\$4.82	per HCF
Group 3 - Fixed, Monthly Charge	Revenue Totals=>	\$224,668	\$259,899	\$306,344	\$310,750	\$319,366	
Step 1: Baseline O&M		\$212.60	\$235.06	\$236.08	\$240.91	\$246.98	per Account
Step 2: Capital & Reserves		\$33.75	\$0.00	\$0.00	\$0.00	\$3.37	per Account
Step 3: WTF Construction Project		\$0.00	\$49.91	\$99.82	\$99.82	\$99.82	per Account
Subtotal	\$246.35	\$284.97	\$335.90	\$340.74	\$340.74	\$350.18	
Variable Charge per HCF		\$3.87	\$4.47	\$5.27	\$5.35	\$5.49	per HCF
Group 4 - Fixed, Monthly Charge	Revenue Totals=>	\$3,163	\$3,667	\$4,352	\$4,413	\$4,536	
Step 1: Baseline O&M		\$37.62	\$41.60	\$41.78	\$42.63	\$43.71	per Account
Step 2: Capital & Reserves		\$6.31	\$0.00	\$0.00	\$0.00	\$0.63	per Account
Step 3: WTF Construction Project		\$0.00	\$9.33	\$18.66	\$18.66	\$18.66	per Account
Subtotal	\$43.93	\$50.93	\$60.44	\$61.29	\$61.29	\$63.00	
Variable Charge per HCF		\$5.37	\$6.22	\$7.39	\$7.49	\$7.70	per HCF
Group 5 - Fixed, Monthly Charge	Revenue Totals=>	\$60,901	\$70,634	\$83,948	\$85,131	\$87,502	
Step 1: Baseline O&M		\$723.15	\$799.57	\$803.02	\$819.46	\$840.11	per Account
Step 2: Capital & Reserves		\$122.69	\$0.00	\$0.00	\$0.00	\$12.27	per Account
Step 3: WTF Construction Project		\$0.00	\$181.46	\$362.92	\$362.92	\$362.92	per Account
Subtotal	\$845.84	\$981.03	\$1,165.94	\$1,182.38	\$1,215.30	\$1,215.30	
Variable Charge per HCF		\$5.86	\$6.80	\$8.08	\$8.19	\$8.42	per HCF
Group 6 - Fixed, Monthly Charge	Revenue Totals=>	\$160,188	\$185,602	\$219,879	\$223,003	\$229,203	
Step 1: Baseline O&M		\$1,431.83	\$1,583.13	\$1,589.96	\$1,622.50	\$1,663.40	per Account
Step 2: Capital & Reserves		\$236.80	\$0.00	\$0.00	\$0.00	\$23.68	per Account
Step 3: WTF Construction Project		\$0.00	\$350.22	\$700.45	\$700.45	\$700.45	per Account
Subtotal	\$1,668.63	\$1,933.35	\$2,290.41	\$2,322.95	\$2,387.53	\$2,387.53	
Variable Charge per HCF		\$4.88	\$5.65	\$6.70	\$6.79	\$6.98	per HCF
Group 7 - Fixed, Monthly Charge	Revenue Totals=>	\$25,377	\$29,283	\$34,242	\$34,744	\$35,703	
Step 1: Baseline O&M		\$102.29	\$113.10	\$113.59	\$115.92	\$118.84	per Account
Step 2: Capital & Reserves		\$15.19	\$0.00	\$0.00	\$0.00	\$1.52	per Account
Step 3: WTF Construction Project		\$0.00	\$22.47	\$44.93	\$44.93	\$44.93	per Account
Subtotal	\$117.48	\$135.57	\$158.52	\$160.85	\$165.29	\$165.29	
Variable Charge per HCF		\$2.92	\$3.37	\$3.94	\$3.99	\$4.10	per HCF
Rate Revenue Totals=>		\$1,327,184	\$1,533,305	\$1,799,802	\$1,825,955	\$1,876,480	Total
		11.2%	15.5%	17.4%	1.5%	2.8%	57.2%

[1] Commercial charge reflects rate per hcf per month. The charge based on bi-monthly water use is \$2.94/hcf. At minimum an account pays \$29.35. If the average bi-monthly water use exceeds 10 hcf. The charge would be calculated at \$2.94 times the bi-monthly winter use hcf.

[2] Groups are defined as follows:

Group 1: Low Strength/Low Flow	Group 5: High Strength/Medium Flow
Group 2: Medium Strength/Low Flow	Group 6: High Strength/High Flow
Group 3: Medium Strength/High Flow	Group 7: Schools
Group 4: High Strength/Low Flow	