

City of Rollingwood
Wastewater Utility
Wastewater LUE Analysis

DRAFT

Summary of Options

Line	Business Type	Square Footage	MTR SIZE	Monthly Average Use	Status Quo		Option 1: Actual Historical Use	Option 1: Historical Use Rounded	Option 2: AWWA Meter Size	Option 3: Historical Use Meter Size	Option 4: Business Type	Option 5: Square Feet	Option 6: Square Feet and Type
1	Gym	1808	2	-	3.00		-	0.15	8.00	8.00	1.00	1.00	1.00
2	Medical	53134	4	28.75	7.00		3.83	3.80	25.00	-	7.50	29.25	54.64
3	Restaurant/Retail	52785	2	32.58	1.00		4.34	4.30	8.00	8.00	11.50	29.06	24.19
4	Restaurant/Retail	16462.5	3	26.67	2.00		3.56	3.60	16.00	15.00	11.50	9.06	7.54
5	Bank	5282	1	7.83	5.00		1.04	1.00	2.50	3.00	1.00	2.91	1.00
6	Church	19906.5	1	17.67	3.00		2.36	2.40	2.50	3.00	2.50	10.96	2.36
7	Bank	11900	1.5	11.75	1.00		1.57	1.60	5.00	6.00	1.00	6.55	1.83
8	Retail	2500	1	3.67	5.00		0.49	0.50	2.50	3.00	6.00	1.38	5.71
9	Retail	2352	1	4.50	1.00		0.60	0.60	2.50	3.00	6.00	1.29	5.37
10	Restaurant/Retail	4840	5/8	10.83	1.00		1.44	1.40	1.00	1.00	11.50	2.66	2.22
11	Office	Included above	5/8	4.42	1.00		0.59	0.60	1.00	1.00	4.00		
12	Retail	Included above	5/8	0.42	1.00		0.06	0.15	1.00	1.00	6.00		
13	Vacant	1232	5/8	-	1.00		-	0.15	1.00	1.00	-	1.00	-
14	Medical	57339	2	21.25	19.00		2.83	2.80	8.00	8.00	7.50	31.56	58.97
15	Office	40643.5	2	27.17	10.00		3.62	3.60	8.00	8.00	4.00	22.37	4.93
16	Medical	Included above	2	10.00	5.00		1.33	1.30	8.00	8.00	7.50		
17	Medical	21488	2	85.58	7.00		11.41	11.40	8.00	8.00	7.50	11.83	22.10
18	Medical	2552	5/8	-	1.00		-	0.15	1.00	1.00	7.50	1.40	2.62
19	Medical	68887	3	259.67	23.00		34.62	34.60	16.00	15.00	7.50	37.92	70.84
20	Restaurant/Retail	72691.5	2	126.58	33.00		16.88	16.90	8.00	8.00	11.50	40.01	33.31
21	Office	4308	5/8	0.33	1.00		0.04	0.15	1.00	1.00	4.00	2.37	1.00
22	Office	2729	5/8	2.17	1.00		0.29	0.30	1.00	1.00	4.00	1.50	1.00
23	Office	3072	5/8	2.33	1.00		0.31	0.30	1.00	1.00	4.00	1.69	1.00
24	Office	3759	5/8	4.25	1.00		0.57	0.60	1.00	1.00	4.00	2.07	1.00
25	Office	2195	5/8	0.50	1.00		0.07	0.15	1.00	1.00	4.00	1.21	1.00
26	Office	3329	5/8	0.42	1.00		0.06	0.15	1.00	1.00	4.00	1.83	1.00
27	Office	2565	5/8	5.92	1.00		0.79	0.80	1.00	1.00	4.00	1.41	1.00
28	Office	2877	5/8	1.92	1.00		0.26	0.30	1.00	1.00	4.00	1.58	1.00
29	Bank	4030	2	4.00	2.00		0.53	0.50	8.00	8.00	1.00	2.22	1.00
30	Medical	124291	2	120.25	20.00		16.03	16.00	8.00	8.00	7.50	68.42	127.82
31	Office	107500	2	121.00	2.00		16.13	16.10	8.00	8.00	4.00	59.18	13.04
32	Office	Included above	2	21.08	-		2.81	2.80	8.00	8.00	4.00		
33	Office	121115	2	211.83	-		28.24	28.20	8.00	8.00	4.00	66.67	14.69
34	Restaurant/Retail	21935	2	257.08	13.00		34.28	34.30	8.00	8.00	11.50	12.07	10.05
35	Medical	10336	5/8	4.75	3.00		0.63	0.60	1.00	1.00	7.50	5.69	10.63
					175.00		190.99	191.65	189.00	165.00	186.50	462.45	473.22

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Summary of Options

Base Charge per LUE									
\$	91.07	\$	91.07	\$	91.07	\$	91.07	\$	91.07
Volumetric Charge									
\$	7.81	\$	7.81	\$	7.81	\$	7.81	\$	7.81
Monthly Bill									

Line	Business Type	Square Footage	MTR SIZE	Option 1: Acutal Historical Use	Status Quo	Option 2: AWWA Meter Size	Option 3: Historical Use Meter Size	Option 4: Business Type	Option 5: Square Feet	Option 6: Square Feet and Type
1	Gym	1808	2	\$ 13.66	\$ 273.21	\$ 728.56	\$ 728.56	\$ 91.07	\$ 91.07	\$ 91.07
2	Medical	53134	4	\$ 570.60	\$ 862.03	\$ 2,501.29	\$ 224.54	\$ 907.56	\$ 2,888.22	\$ 5,200.75
3	Restaurant/Retail	52785	2	\$ 646.08	\$ 345.55	\$ 983.04	\$ 983.04	\$ 1,301.78	\$ 2,900.66	\$ 2,457.40
4	Restaurant/Retail	16462.5	3	\$ 536.12	\$ 390.41	\$ 1,665.39	\$ 1,574.32	\$ 1,255.57	\$ 1,033.56	\$ 895.31
5	Bank	5282	1	\$ 152.25	\$ 516.53	\$ 288.85	\$ 334.39	\$ 152.25	\$ 325.97	\$ 152.25
6	Church	19906.5	1	\$ 356.54	\$ 411.19	\$ 365.65	\$ 411.19	\$ 365.65	\$ 1,135.92	\$ 352.50
7	Bank	11900	1.5	\$ 237.48	\$ 182.84	\$ 547.12	\$ 638.19	\$ 182.84	\$ 688.33	\$ 258.56
8	Retail	2500	1	\$ 74.17	\$ 483.99	\$ 256.31	\$ 301.85	\$ 575.06	\$ 153.97	\$ 548.33
9	Retail	2352	1	\$ 89.79	\$ 126.22	\$ 262.82	\$ 308.36	\$ 581.57	\$ 153.05	\$ 524.07
10	Restaurant/Retail	4840	5/8	\$ 212.11	\$ 175.68	\$ 175.68	\$ 175.68	\$ 1,131.91	\$ 327.24	\$ 286.60
11	Office	Included above	5/8	\$ 89.14	\$ 125.56	\$ 125.56	\$ 125.56	\$ 398.77	\$ 34.49	\$ 34.49
12	Retail	Included above	5/8	\$ 16.91	\$ 94.32	\$ 94.32	\$ 94.32	\$ 549.67	\$ 3.25	\$ 3.25
13	Vacant	1232	5/8	\$ 13.66	\$ 91.07	\$ 91.07	\$ 91.07	\$ -	\$ 91.07	\$ -
14	Medical	57339	2	\$ 420.96	\$ 1,896.29	\$ 894.52	\$ 894.52	\$ 848.99	\$ 3,040.45	\$ 5,535.99
15	Office	40643.5	2	\$ 540.02	\$ 1,122.87	\$ 940.73	\$ 940.73	\$ 576.45	\$ 2,249.69	\$ 661.08
16	Medical	Included above	2	\$ 196.49	\$ 533.45	\$ 806.66	\$ 806.66	\$ 761.13	\$ 78.10	\$ 78.10
17	Medical	21488	2	\$ 1,706.60	\$ 1,305.90	\$ 1,396.97	\$ 1,396.97	\$ 1,351.43	\$ 1,745.63	\$ 2,680.84
18	Medical	2552	5/8	\$ 13.66	\$ 91.07	\$ 91.07	\$ 91.07	\$ 683.03	\$ 127.94	\$ 239.01
19	Medical	68887	3	\$ 5,179.02	\$ 4,122.61	\$ 3,485.12	\$ 3,394.05	\$ 2,711.02	\$ 5,481.40	\$ 8,479.54
20	Restaurant/Retail	72691.5	2	\$ 2,527.70	\$ 3,993.93	\$ 1,717.18	\$ 1,717.18	\$ 2,035.92	\$ 4,632.75	\$ 4,022.31
21	Office	4308	5/8	\$ 16.26	\$ 93.67	\$ 93.67	\$ 93.67	\$ 366.88	\$ 218.57	\$ 93.67
22	Office	2729	5/8	\$ 44.24	\$ 107.99	\$ 107.99	\$ 107.99	\$ 381.20	\$ 153.73	\$ 107.99
23	Office	3072	5/8	\$ 45.54	\$ 109.29	\$ 109.29	\$ 109.29	\$ 382.50	\$ 172.23	\$ 109.29
24	Office	3759	5/8	\$ 87.83	\$ 124.26	\$ 124.26	\$ 124.26	\$ 397.47	\$ 221.64	\$ 124.26
25	Office	2195	5/8	\$ 17.57	\$ 94.98	\$ 94.98	\$ 94.98	\$ 368.19	\$ 113.94	\$ 94.98
26	Office	3329	5/8	\$ 16.91	\$ 94.32	\$ 94.32	\$ 94.32	\$ 367.53	\$ 170.14	\$ 94.32
27	Office	2565	5/8	\$ 119.07	\$ 137.28	\$ 137.28	\$ 137.28	\$ 410.49	\$ 174.80	\$ 137.28
28	Office	2877	5/8	\$ 42.29	\$ 106.04	\$ 106.04	\$ 106.04	\$ 379.25	\$ 159.20	\$ 106.04
29	Bank	4030	2	\$ 76.78	\$ 213.38	\$ 759.80	\$ 759.80	\$ 122.31	\$ 233.27	\$ 122.31
30	Medical	124291	2	\$ 2,396.27	\$ 2,760.55	\$ 1,667.71	\$ 1,667.71	\$ 1,622.18	\$ 7,170.04	\$ 12,579.51
31	Office	107500	2	\$ 2,411.24	\$ 1,127.15	\$ 1,673.57	\$ 1,673.57	\$ 1,309.29	\$ 6,334.14	\$ 2,132.36
32	Office	Included above	2	\$ 419.66	\$ 164.66	\$ 893.22	\$ 893.22	\$ 528.94	\$ 164.66	\$ 164.66
33	Office	121115	2	\$ 4,222.59	\$ 1,654.42	\$ 2,382.98	\$ 2,382.98	\$ 2,018.70	\$ 7,726.09	\$ 2,992.15
34	Restaurant/Retail	21935	2	\$ 5,131.52	\$ 3,191.73	\$ 2,736.38	\$ 2,736.38	\$ 3,055.13	\$ 3,107.45	\$ 2,923.25
35	Medical	10336	5/8	\$ 91.74	\$ 310.31	\$ 128.17	\$ 128.17	\$ 720.12	\$ 555.26	\$ 1,005.11
				\$ 28,640.74	\$ 27,124.42	\$ 28,399.40	\$ 26,213.72	\$ 28,171.73	\$ 53,302.68	\$ 54,283.56

Percent Change

Option 1: Acutal Historical Use	Option 2: AWWA Meter Size	Option 3: Historical Use Meter Size	Option 4: Business Type	Option 5: Square Feet	Option 6: Square Feet and Type
-95%	167%	167%	-67%	-67%	-67%
-34%	190%	-74%	5%	235%	503%
87%	184%	184%	277%	739%	611%
37%	327%	303%	222%	165%	129%
-71%	-44%	-35%	-71%	-37%	-71%
-13%	-11%	0%	-11%	176%	-14%
30%	199%	249%	0%	276%	41%
-85%	-47%	-38%	19%	-68%	13%
-29%	108%	144%	361%	21%	315%
21%	0%	0%	544%	86%	63%
-29%	0%	0%	218%	-73%	-73%
-82%	0%	0%	483%	-97%	-97%
-85%	0%	0%	-100%	0%	-100%
-78%	-53%	-53%	-55%	60%	192%
-52%	-16%	-16%	-49%	100%	-41%
-63%	51%	51%	43%	-85%	-85%
31%	7%	7%	3%	34%	105%
-85%	0%	0%	650%	40%	162%
26%	-15%	-18%	-34%	33%	106%
-37%	-57%	-57%	-49%	16%	1%
-83%	0%	0%	292%	133%	0%
-59%	0%	0%	253%	42%	0%
-58%	0%	0%	250%	58%	0%
-29%	0%	0%	220%	78%	0%
-82%	0%	0%	288%	20%	0%
-82%	0%	0%	290%	80%	0%
-13%	0%	0%	199%	27%	0%
-60%	0%	0%	258%	50%	0%
-64%	256%	256%	-43%	9%	-43%
-13%	-40%	-40%	-41%	160%	356%
114%	48%	48%	16%	462%	89%
155%	442%	442%	221%	0%	0%
155%	44%	44%	22%	367%	81%
61%	-14%	-14%	-4%	-3%	-8%
-70%	-59%	-59%	132%	79%	224%
6%	5%	-3%	4%	97%	100%