

# FY20 Proposed Budget Commission Packet

## ADMINISTRATION, FIRE, FLEET & SOLID WASTE-General Fund

Summary

Summary		1	Proposed	ĺ		
	Actual	Budget	Budget		Т	% of
	FY18	FY19	FY20	\$ Chg	% Chg	Total
Administration						
Salaries & Benefits	438,040	495,300	595,907	100,607	20.3%	
Operations & Maint	115,379	146,378	166,373	19,995	13.7%	
	553,419	641,678	762,280	120,602	18.8%	9.9%
% Inc/(Dec) over prior year	2.7%	15.9%	18.8%	480		
Fire						
Salaries & Benefits	3,495,848	3,859,706	3,968,205	108,499	2.8%	
Operations & Maint	491,987	540,856	458,565	(82,292)	-15.2%	
	3,987,835	4,400,562	4,426,770	26,207	0.6%	57.3%
% Inc/(Dec) over prior year	4.3%	10.3%	0.6%			
Fleet						
Salaries & Benefits	219,901	235,163	244,403	9,240	3.9%	
Operations & Maint	56,453	58,212	64,133	5,921	10.2%	
	276,354	293,375	308,536	15,161	5.2%	4.0%
% Inc/(Dec) over prior year	-6.1%	6.2%	5.2%			
Solid Waste						
Salaries & Benefits	1,372,954	1,626,954	1,708,039	81,085	5.0%	
Operations & Maint	441,325	476,808	518,684	41,876	8.8%	
	1,814,279	2,103,762	2,226,723	122,961	5.8%	28.8%
% Inc/(Dec) over prior year	-1.8%	16.0%	5.8%			
TOTAL GF						
Salaries & Benefits	5,526,743	6,217,123	6,516,554	299,431	4.8%	84.4%
Operations & Maint	1,105,144	1,222,254	1,207,754	(14,500)	-1.2%	15.6%
	6,631,887	7,439,377	7,724,308	284,931	3.8%	
% Inc/(Dec) over prior year	2.0%	12.2%	3.8%	1		
				-		
<b>Total Capital Outlay</b>	1,935,436	68,000	923,637	855,637		
Grand Total	8,567,323	7,507,377	8,647,945	1,140,568		

#### **ADMINISTRATION**

	ADMINISTRATION			Proposed	l	
	1	Actual	Budget	Budget		
		FY18	FY19	FY20	Inc/(Dec)	%
501.01	Officials & Administrators	230,924	266,969	301,784	34,815	13.0%
505.01	Administrative Support	110,272	112,445	144,933	32,488	28.9%
509.20	Overtime	597	500	1,000	500	100.0%
510.03	Group Health & Life Insurance	27,011	30,118	47,659	17,541	58.2%
510.04	Worker's Compensation	657	949	1,093	144	15.2%
510.05	Retirement System Contribution	42,366	55,276	65,188	9,912	17.9%
510.06	Social Security Expense	25,664	29,043	34,250	5,207	17.9%
	<b>Total Personnel Services</b>	438,040	495,300	595,907	100,607	20.3%
511.01	Gasoline	506	239	169	(70)	-29.3%
512.01	New Tires		200	200		0.0%
513.01	Vehicle Repairs Inside	354	700	400	(300)	-42.9%
513.04	Outside Vehicle Repairs	246	250	250		0.0%
514.01	Commissioner's Expense	10,738	3,700	6,100	2,400	64.9%
516.02	Office Furniture & Equipment	4,492	Year	1,800	1,800	100.0%
516.03	Computer Equipment	3,717	1,600	1,600		0.0%
517.02	Safety Supplies/Equip	70	75	75		0.0%
518.02	Software Licenses & Support	18,888	27,904	32,057	4,153	14.9%
519.01	Housekeeping and Cleaning	1,592	2,088	1,952	(136)	- <u>6.5</u> %
519.02	Building Maintenance	172	168	168		0.0%
520.01	Auditing Services	4,950	6,975	6,975	- <u> </u>	0.0%
520.03	Legal Services	7,083	10,000	10,000		0.0%
520.05	Other Professional Services	18,527	28,650	23,650	(5,000)	-17.5%
521.01	Office Supplies	3,538	9,750	9,500	(250)	-2.6%
521.03	Advertising/Promotions & Print	5,679	4,800	5,625	825	17.2%
521.04	Dues and Subscriptions	2,476	2,858	2,557	(300)	-10.5%
521.05	Payroll Processing	13,690	11,583	12,711	1,128	9.7%
524.02	Training & Development	3,401	17,055	20,598	3,543	20.8%
524.05	Employee Relations	3,923	5,387	12,343	6,956	129.1%
525.04	Telephone	4,289	5,736	5,388	(348)	- <u>6.1</u> %
525.06	Telephone - Cellular	1,094	1,100	1,222	122	<u>11.1</u> %
526.01	District Insurance	3,543	3,814	4,133	319	8.4%
528.01	Street Signs & Lighting			5,000	5,000	100.0%
530.03	Operating Leases - Copier	1,760	1,746	1,901	155	8.9%
	Total Operating & Maintenance	115,379	146,378	166,373	19,995	13.7%
	Total Personnel & Operating Cost	553,419	641,678	762,280	120,602	18.8%
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	Total Capital Outlay	18,724				
	Grand Total	572,143	641,678	762,280	120,602	ı

#### FIRE SERVICES

	THE SERVICES		1	0		
	r			Proposed		
		Actual	Budget	Budget		0/
501.01	Officials & Administrators	<b>FY18</b> 412,899	FY19	<b>FY20</b> 471,791	Inc/(Dec) 21,249	% 4.7%
	Professionals	All the second second	450,542	ACCUPATION OF THE PERSON OF TH	Water State of the Control of the Co	3.7%
	Protective Services	506,989 934,550	554,349 1,079,151	574,848 1,086,576	20,499 7,425	0.7%
	Overtime	156,583	240,987	250,675	9,688	4.0%
	Overtime Extra	346,838	191,957	194,614	2,657	1.4%
	Group Health & Life Insurance	447,402	498,199	524,796	26,597	5.3%
	Worker's Compensation	213,215	285,499	292,219	6,720	2.4%
	Retirement System Contribution	302,555	366,473	375,430	8,957	2.4%
	Social Security Expense	174,817	192,549	197,256	4,707	2.4%
010.00	Total Personnel Services	3,495,848	3,859,706	3,968,205	108,499	2.8%
	Total i crosmici dei vides	0,400,040	3,000,700	3,300,203	100,433	2.0 /0
511.01	Gasoline	5,882	9,560	8,700	(860)	-9.0%
511.02	Diesel Fuel	21,159	28,100	28,453	353	1.3%
511.03	Engine Fluids	903	1,500	2,200	700	46.7%
511.04	Anti-freeze	445	400	400		0.0%
512.01	New Tires	8,748	5,760	3,000	(2,760)	-47.9%
512.05	Outside Tire Repair	214	600	200	(400)	-66.7%
513.01	Vehicle Repairs Inside	35,618	35,000	22,209	(12,791)	-36.5%
513.02	Equip. Maint. & Repairs	7,840	6,683	5,225	(1,458)	-21.8%
513.04	Outside Vehicle Repairs	25,964	27,087	25,291	(1,796)	-6.6%
515.01	Industrial Chemicals	4,843	3,400	4,500	1,100	32.4%
515.02	Emer. Response Medical Supplies	8,588	6,025	5,991	(35)	-0.6%
515.06	Fire Suppression Supplies	16,411	26,832	3,500	(23,332)	-87.0%
515.07	Other Tech Supplies	2,416	6,683	2,500	(4,183)	- <u>62.6</u> %
516.01	Small Tools & Equipment	8,296	9,017	9,762	745	8.3%
516.03	Computer Equipment	3,179	21,760	2,000	(19,760)	- <u>90.8</u> %
517.02	Safety Supplies	390	200	200		0.0%
	Personal Protective Equipment	50,770	60,180	53,573	(6,607)	- <u>11.0</u> %
	Safety Equipment Testing	9,286	17,300	16,767	(533)	- <u>3.1</u> %
	Software Licenses & Support	21,528	24,554	30,487	5,933	24.2%
	Communication Maint. Contract		10,323	9,384	(939)	- <u>9.1</u> %
	Housekeeping and Cleaning	11,240	10,054	9,912	(142)	- <u>1.4</u> %
	Buildings Maintenance	23,958	20,000	15,353	(4,647)	-23.2%
	Grounds Maintenance	577	900	500	(400)	<u>-44.4</u> %
	Pest Control	480	875	480	(395)	- <u>45.1</u> %
	Medical Services	1,719	4,900	2,000	(2,900)	-59.2%
	Fitness Program	11,388	12,690	15,585	2,895	22.8%
	Office Supplies Postage and Shipping	2,108	3,345	2,500	(845)	- <u>25.3</u> %
	Advertising/Promotions & Print	6,106	2,200	2,500	(150) 300	- <u>18.8</u> % 13.6%
	Dues and Subscriptions	3,073	3,600	3,600		0.0%
	Charleston County Fees	3,073	536	3,600	(192)	-35.8%
	SC Dept. of Highway Fees	348	74	300	226	305.4%
	Storm water Fees	742	302	1,004	702	232.5%
	Tarini Uniti / San			1,004		

523.01	Uniforms Purchased	10,557	11,788	8,000	(3,788)	-32.1%
524.02	Training & Development	16,057	43,194	27,920	(15,274)	-35.4%
524.03	Training Supplies	1,837	4,980	4,122	(858)	-17.2%
524.04	Fire Prevention & Education	9,237	9,572	9,457	(115)	-1.2%
524.05	Employee Relations	1,018	4,387	1,200	(3,187)	-72.6%
524.06	Pre-employment Screening	5,888	3,000	1,250	(1,750)	-58.3%
524.09	FD Recruit School	3,569	5,100	3,211	(1,889)	-37.0%
525.01	Electricity and Gas	34,135	30,004	25,725	(4,279)	-14.3%
525.02	Water	2,356	2,302	1,990	(312)	-13.6%
525.04	Telephone	10,121	2,493	1,832	(661)	-26.5%
525.05	Internet/GPS	9,670	9,304	9,050	(254)	-2.7%
525.06	Telephone - Cellular	9,767	10,565	7,450	(3,115)	-29.5%
526.01	District Insurance	37,640	9,000	39,158	30,158	335.1%
530.01	Radio User Fees	36,366	28,728	28,728		0.0%
530.03	Operating Lease-Copier	425	424	402	(22)	- <u>5.2</u> %
	<b>Total Operating &amp; Maintenance</b>	491,987	540,856	458,565	(82,292)	<u>-15.2</u> %
	Total Personnel & Operating Cost	3,987,835	4,400,562	4,426,770	26,207	0.6%
	% Inc./(Dec.) over previous year	4.3%	10.8%	0.6%		
	Building Improvements	115,067	54,000		(54,000)	
536.03	Land	1,428,162			() <del></del>	
536.04	Vehicles		1,369,389		(1,369,389)	
	Vehicle Auxiliary Equipment					
536.07	Machinery & Equipment	49,718		339,899	339,899	
	Total Capital Outlay	1,592,947	1,423,389	339,899	(1,083,490)	
	Grand Total	5,580,782	5,823,951	4,766,669	(1,057,283)	
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FLEET S	SERV	ICES
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	FLEET SERVICES		Í	Proposed	Ĩ	
	Г	Actual	Budget	Budget		
		FY18	FY19	FY20	Inc/(Dec)	%
501.01	Officials & Administrators	77,111	79,726	83,404	3,678	4.6%
506.01	Skilled Craft Workers	84,904	90,307	94,126	3,819	4.2%
	Overtime	3,021	4,700	3,500	(1,200)	-25.5%
510.03	Group Health & Life Insurance	18,982	18,127	19,545	1,418	7.8%
	Worker's Compensation	2,491	3,495	3,621	126	3.6%
	Retirement System Contribution	21,068	25,441	26,358	917	3.6%
510.06	Social Security Expense	12,324	13,367	13,849	482	3.6%
		219,901	235,163	244,403	9,240	3.9%
511.01	Gasoline	2,626	2,749	5,588	2,839	103.3%
511.03	Engine Fluids		50	50		0.0%
512.01	New Tires	182	180	388	208	115.6%
513.01	Vehicle Repairs Inside	1,807	700		(700)	-100.0%
513.02	Equip. Maint. & Repairs		1,000	1,000	Tab.	0.0%
513.03	Maintenance Inventory	_	400	150	(250)	-62.5%
513.04	Outside Vehicle Repairs		700	1,000	300	42.9%
515.01	Industrial Chemicals	496	600	600		0.0%
515.07	Other Tech Supplies	1,849	1,550	1,550		0.0%
516.01	Small Tools & Equipment	11,605	3,500	1,600	_(1,900)	-54.3%
516.02	Office Furniture		280		(280)	- <u>100.0</u> %
516.03	Computer Equipment/Software	974	824	1,950	1,126	136.7%
	Safety Tools & Equipment	249	1,850	1,050	(800)	-43.2%
517.05	Personal Protective Equipment	1,004	1,639	1,830	191	11.7%
517.06	Safety Equipment Testing	800	1,000	800	(200)	-20.0%
517.08	Security Monitoring	3,616	500	400	(100)	-20.0%
517.10	Fire Extinguishers		250	150	(100)	<u>-40.0</u> %
518.02	Software Licenses & Support	4,477	4,766	5,900	1,134	23.8%
519.01	Housekeeping and Cleaning	198	100	630	530	530.0%
519.02	Buildings Maintenance	5,814	6,600	14,000	7,400	112.1%
519.04	Pest Control	172	260	250	(10)	- <u>3.8</u> %
520.04	Medical Services		640	477	(163)	- <u>25.5</u> %
	Office Supplies	694	1,150	700	(450)	- <u>39.1</u> %
521.04	Dues & Subscriptions	·	150	100	(50)	- <u>33.3</u> %
	SC Dept. of Highway Fees		30	30		0.0%
	Uniforms Purchased	529	600	325	(275)	<u>-45.8</u> %
	Uniforms Leased	1,850	1,904	1,872	(32)	- <u>1.7</u> %
	Training & Development	3,068	6,879	4,828	(2,051)	-29.8%
	Employee Relations	418	690	505	(185)	-26.8%
525.01	Electricity and Gas	6,335	7,000	6,800	(200)	- <u>2.9</u> %
525.02		1,349	1,300	1,550	250	19.2%
	Telephone	1,970	3,446	3,500	54	1.6%
	Internet/GPS	333	500	700	(500)	-100.0%
	Telephone - Cellular	645	700	700		0.0%
	District Insurance	2,968	3,265	3,410	145	4.4%
530.03	Operating & Maintenance	425 66 453	400	450	50	12.5% 10.3%
	Total Operating & Maintenance Total Personnel & Operating Cost	56,453 276,354	58,212	64,133	5,921	10.2% 5.2%
	Total Personnel & Operating Cost	276,354	293,375	308,536	15,161	5.2%
536.04	Vehicles			31,038	31,038	
	Total Capital Outlay		14,000	31,038	17,038	
	Grand Total	276,354	307,375	339,574	32,199	
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SOLID	WASTE	SERVICES

				Proposed		
	[	Actual	Budget	Budget		17
	L	FY18	FY19	FY20	Inc/(Dec)	%
	Officials & Administrators	111,796	115,399	124,483	9,084	7.9%
	Administrative Support	42,757	46,937	48,885	1,948	4.2%
	Skilled Craft Workers Service - Maintenance	202,369 538,951	<u>216,048</u> 710,363	<u>261,531</u> 708,736	<u>45,483</u> (1,627)	21.1% -0.2%
	Temporary Employees	71,265	20,000	25,000	5,000	25.0%
	Overtime	21,410	18,000	18,000		0.0%
	Group Health & Life Insurance	176,721	217,071	224,214	7,143	3.3%
	Worker's Compensation	23,537	37,328	39,191	1,863	5.0%
	Retirement System Contribution	116,365	161,142	169,134	7,992	5.0%
	Social Security Expense	67,783	84,666	88,865	4,199	5.0%
	Total Personnel Services	1,372,954	1,626,954	1,708,039	81,085	5.0%
					-	
	Gasoline	2,545	3,346	3,556	210	6.3%
	Diesel Fuel	120,660	148,930	157,410	8,480	5.7%
	Engine Fluids	6,865	6,000	6,000		0.0%
	Anti-freeze	796	1,150	1,150	N	0.0%
	New Tires	9,072	16,000	16,000		0.0%
512.02	Recaps	21,107	21,960	21,960		0.0%
A 100 - 100	Second At 2 House Indiana Common America	339	2,800	1,000	400	0.0% 14.3%
	Outside Tire Repair Vehicle Repairs Inside	75,943	88,750	3,200 80,000	(8,750)	-9.9%
	Outside Vehicle Repairs	89,986	85,000	110,000	25,000	29.4%
	Industrial Chemicals	789	200	200		0.0%
	Other Tech Supplies	679	900	900	-	0.0%
516.01	Small Tools & Equipment	2,649	4,500	4,500		0.0%
516.02	Office Furniture & Equip	494	402		(402)	-100.0%
	Computer Equipment	1,558	3,351	500	(2,851)	- <u>85.1</u> %
	Safety Tools & Equipment	1,191	2,115	2,115		0.0%
	Personal Protective Equipment	4,295	3,875	3,875		0.0%
	Security Monitoring	3,569	500	500		0.0%
	Fire Extinguishers	0.004	500	500	2 525	0.0%
	Software Licenses & Support	2,891	3,475	6,000	2,525 150	72.7% 10.3%
	Housekeeping and Cleaning Buildings Maintenance	1,657 6,769	<u>1,450</u> 4,100	7,500	3,400	82.9%
	Pest Control	172	200	200		0.0%
	Medical Services	2,794	1,625	1,625		0.0%
	Office Supplies	470	1,100	1,100		0.0%
521.03	Advertising/Promotions & Print	853	2,450	2,450		0.0%
521.12	Roll Carts Repair & Replace	17,777	10,100	10,100		0.0%
522.02	SC Dept. of Highway Fees	86	234	200	(34)	-14.5%
523.01	Uniforms Purchased	1,092	1,025	2,000	975	95.1%
523.02	Uniforms Leased	13,975	17,059	18,200	1,141	6.7%
	Training & Development	212	720	720		0.0%
	Employee Relations	1,400	3,800	3,500	(300)	- <u>7.9</u> %
	Pre-employment Screening Electricity and Gas	648	480	3,100		0.0% 0.0%
525.01		2,950 2,698	3,100 1,975	2,584	609	30.8%
	Telephone	1,970	2,800	2,500	(300)	-10.7%
	Internet/GPS	7,098	6,740	6,740		0.0%
	Telephone-Cellular/WiFi	1,759	2,440	1,800	(640)	-26.2%
	District Insurance	26,775	20,162	32,525	12,363	61.3%
530.03	Operating Lease-Copier	340	394	394		0.0%
	Total Operating & Maintenance	441,325	476,808	518,684	41,876	8.8%
	Total Personnel & Operating Cost	1,814,279	2,103,762	2,226,723	122,961	5.8%
536.04	Vehicles	255,067		552,700	552,700	
	Total Capital Outlay	255,067		552,700	552,700	
	Grand Total	2,069,346	2,103,762	2,779,423	675,661	
				Want Carried		

## DEBT SERVICE FUND Revenues & Expenditures Summary

		Actual FY18	_	Budget FY19	Proposed Budget FY20	Projection FY21	-	Projection FY22	Projection FY23		Projection FY24	
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Property Tax Revenues Total Revenues	\$	414,549 414,549	\$	983,600 983,600	\$1,228,140 \$1,228,140	\$1,327,281 \$1,327,281	\$		\$1,597,154 \$1,597,154	-	1,605,139 1,605,139	
Debt Service:												
Current												
Fire Stations 3 & 4		30,898		30,898	30,902	30,902		22,626	22,626		22,626	
Capital Leases		480,652		608,243	519,401	472,666		464,391	368,729		368,729	
Capital Outlay		96,115		29,275								
Proposed												
Fire Station 1 Replacement					414,639	414,639		414,639	414,639		414,639	
Fire Station 2 Replacement									268,318		268,318	
Future Capital Leases - (P & I)					134,222	286,494		327,920	466,869		527,484	
Total Expenditures	\$	607,665	\$	668,416	\$1,099,164	\$1,204,701	\$	1,229,576	\$1,541,180	\$	1,601,795	
Net Change in Fund Balance		(193,116)		315,184	128,977	122,580		267,093	55,973		3,344	
Fund Balance, Beginning	_	917,749	_	724,633	1,039,817	1,168,794		1,291,374	1,558,467	_	1,614,440	
Fund Balance, Ending	\$	724,633	\$	1,039,817	\$1,168,794	\$1,291,374	\$	1,558,467	\$1,614,440	\$	1,617,784	
Over/(under) to cover next yr's D	Sp	mts		(59,347)	(35,907)	61,798		17,287	12,645		316,080	
Current Millage		3.8		3.8	9.3	9.3		10.3	12.1		13.1	
Required Add'l Millage				5.5		1.0		1.8	1.0			
Millage Rate		3.8		9.3	9.3	10.3		12.1	13.1		13.1	

<sup>\*</sup>Ending fund balance should, at minimum, pay next year's bond payments. If not, millage increase is required.

# **ADMINISTRATION & OPERATIONS**-Proprietary Fund Summary

,			Proposed			
	Actual FY18	Budget FY19	Budget FY20	\$ Chg	% Chg	% of Total
Wastewater						
Salaries	1,275,265	1,320,646	1,346,456	25,810	2.0%	
Benefits	617,007	544,412	557,334	12,922	2.4%	
Total Personnel	1,892,272	1,865,058	1,903,790	38,732	2.1%	33.6%
% Inc/(Dec) over prior year	3.3%	-1.4%	2.1%			
Operations & Maintenance	2,693,302	1,143,420	957,044	(186,376)	-16.3%	
Sewer Treatment - Master Meter	2,208,219	2,100,000	2,400,000	300,000	14.3%	
Non-Master Sewer Treatement	29,412	29,412	30,000	588	2.0%	
Administrative	347,319	359,675	370,811	11,136	3.1%	
<b>Total Operations &amp; Maintenance</b>	5,278,252	3,632,507	3,757,855	125,348	3.5%	66.4%
Total Operating & Personnel	7,170,524	5,497,565	5,661,645	164,080	3.0%	80.2%
% Inc/(Dec) over prior year	29.5%	-23.3%	3.0%			
Depreciation	937,621	993,476	1,124,841	131,365	13.2%	
<b>Total Capital Outlay</b>		410,500	270,340	(140,160)	-34.1%	
Grand Total	8,108,145	6,901,541	7,056,826	155,285	2.3%	
	YAR					

#### WASTEWATER ADMINISTRATION

				Proposed	
		Actual FY18	Budget FY19	Budget FY20	Inc /(Dec)
501 .01	Officials & Administrators	284,039	230,744	274,975	44,231
505 .01	Administrative Support	181,465	241,705	159,714	(81,991)
509 .20	Overtime	881	500	1,000	500
510 .03	Group Health & Life Insurance	74,165	113,114	108,415	(4,699)
510 .04	Worker's Compensation	1,060	1,502	1,126	(376)
510 .05	Retirement System Contribution	187,916	60,464	54,614	(5,850)
510 .06	Social Security Expense	34,268	36,142	33,330	(2,812)
	Total Personnel Services	847,593	684,171	633,174	(50,997)
					(70)
	Gasoline		239	169	(70)
	New Tires		200	200	
	Vehicle Repairs Inside	3,288	500	500	
	Outside Vehicle Repairs	478	200	200	
	Commissioner's Expense	10,694	3,700	5,100	1,400
	Office Furniture & Equipment	5,296	- Alle	1,800	1,800
516 .03	Computer Equipment	6,056	1,600	1,600	
517 .02	Safety Supplies/Equip	84	75	75	
518 .02	Software Licenses & Support	26,079	29,186	34,807	5,621
519 .01	Housekeeping and Cleaning	2,674	2,839	2,712	(127)
519 .02	Buildings Maintenance	28,968	4,968	4,968	
520 .01	Auditing Services	4,950	6,975	6,975	
520 .03	Legal Services	6,199	10,000	10,000	
	Other Professional Services	32,694	71,675	59,500	(12, 175)
520 .08	Trustee Services	11,533	13,906	16,300	2,394
	Office Supplies	5,365	11,275	9,775	(1,500)
	Postage and Shipping	37,430	40,800	39,900	(900)
	Advertising/Promotions & Print	6,294	3,808	4,500	692
	Dues and Subscriptions	2,952	2,822	2,682	(140)
	Payroll Processing	13,690	11,583	12,711	1,128
	Billing Supplies & Svcs.	41,747	40,884	47,400	6,516
	Water Metered Report	9,871	9,852	9,996	144
	Bank Service Fees	8,160	6,955	8,000	1,045
	Merchant Services Fees	25,335	18,500	27,460	8,960
	Charleston County Fees	130	3,056	260	(2,796)
	Training & Development	3,264	17,055	20,598	3,543
	Employee Relations	4,445	5,510	6,139	629
	Electricity and Gas	16,755	17,461	12,009	(5,452)
525 .02	NAME OF THE PROPERTY OF THE PR	2,698	2,217	2,996	779
	Telephone	8,358	12,120	11,566	(554)
	Internet / GPS	1,330	1,320	1,330	10
	Telephone - Cellular	1,094	1,100	1,222	122
	District Insurance	5,177	5,612	5,415	(197)
	Operating Lease-Copier	1,760	1,682	1,946	264
	Total Operating & Maintenance	347,319	359,675	370,811	11,136
	Total Personnel & Operating Cost	1,194,912	1,043,846	1,003,985	(39,861)
	_				
536 .02	Building Improvements			9,800	
	Total Capital Outlay			9,800	9,800
	Grand Total	1,194,912	1,043,846	1,013,785	(30,061)

#### **WASTEWATER OPERATIONS**

		and the second s			Proposed	1	
			Actual	Budget	Budget		
			FY18	FY19	FY19	Inc./(Dec.)	%
501	.01	Officials & Administrators	180,230	184,511	192,490	7,979	4.3%
503	.01	Technicians	187,306	167,762	172,228	4,466	2.7%
505	.01	Administrative Support	57,593	157,568	163,153	5,585	3.5%
506	.01	Skilled Craft Workers	306,645	307,856	337,896	30,040	9.8%
509	.20	Overtime	50,328	30,000	45,000	15,000	50.0%
510	.03	Group Health & Life Insurance	153,182	128,684	143,736	15,052	11.7%
510		Worker's Compensation	10,433	16,232	17,163	931	5.7%
510	.05	Retirement System Contribution	98,262	123,425	130,424	6,999	5.7%
510	.06	Social Security Expense	57,721	64,849	68,526	3,677	5.7%
		<b>Total Personnel Services</b>	1,127,929	1,180,887	1,270,616	89,729	7.6%
511	.01	Gasoline	19,500	20,850	20,640	(210)	-1.0%
511	.02	Diesel Fuel	13,563	16,967	13,987	(2,980)	<u>-17.6</u> %
511	.03	Engine Fluids	1,076	1,800	1,100	(700)	-38.9%
511	.04	Anti-freeze	56	418	60	(358)	-85.6%
512	.01	New Tires	3,731	3,500	4,000	500	14.3%
512	.05	Outside Tire Repair		500	500		0.0%
513	.01	Vehicle Repairs Inside	9,622	5,000	10,000	5,000	100.0%
513	.02	Equip. Maint. & Repairs	12,792	15,000	10,000	(5,000)	-33.3%
513	.04	Outside Vehicle Repairs	11,395	5,000	10,000	5,000	100.0%
515	.01	Industrial Chemicals	84,761	85,000	85,000		0.0%
515	.07	Other Tech Supplies	8,905	8,000	9,000	1,000	12.5%
516	.01	Small Tools & Equipment	24,669	17,000	14,000	(3,000)	-17.6%
516	.03	Computer Equipment	7,575	9,229	2,000	(7,229)	-78.3%
517	.02	Safety Supplies/Equipment	6,008	4,950	6,000	1,050	21.2%
517	.05	Personal Protective Equipment	2,448	2,000	2,400	400	20.0%
517	.06	Safety Equipment Testing			150	150	0.0%
517	.08	Security Monitoring	7,170	500	500		0.0%
518	.01	Maint. Contract-Copier usage	746	686	746	60	8.7%
518	.02	Software Licenses & Support	13,889	21,694	13,889	(7,805)	-36.0%
519	.01	Housekeeping and Cleaning	3,755	3,000	3,500	500	16.7%
519	.02	Buildings Maintenance	25,218	32,504	2,000	(30,504)	-93.8%
519	.03	Grounds Maintenance	31,202	25,200	25,200		0.0%
519	.04	Pest Control	272		300	300	0.0%
520	.04	Medical Services	230	200	600	400	200.0%
520	.05	Other Professional Services	1,486,341	100,000	20,000	(80,000)	-80.0%
520	.06	Engineering Services	7,654	20,000	20,000		0.0%
521	.01	Office Supplies	2,199	3,099	1,923	(1,176)	-37.9%
521	.02	Postage and Shipping	91		100	100	0.0%
521	.03	Advertising/Promotions & Print	2,737	2,900	3,200	300	10.3%
521	.04	Dues and Subscriptions	534	2,500	600	(1,900)	-76.0%
522	.02	SC Dept. of Highway Fees	14	150	100	(50)	- <u>33.3</u> %
522	.03	Storm water Fees	1,140	1,200	1,200		0.0%
523	.01	Uniforms Purchased	4,002	1,500	1,500		0.0%
523	.02	Uniforms Leased	10,565	10,000	11,000	1,000	10.0%

524 .02	Training & Development	1,433	3,000	4,500	1,500	50.0%
524 .05	Employee Relations	1,235	2,537	1,500	(1,037)	-40.9%
524 .06	Pre-employment Screening	156	300	200	(100)	-33.3%
525 .01	Electricity and Gas	181,886	160,000	190,000	30,000	18.8%
525 .02	Water	2,780	4,000	3,000	(1,000)	- <u>25.0</u> %
525 .04	Telephone	3,940	10,000	4,000	(6,000)	-60.0%
525 .05	Internet/GPS	8,128	9,000	8,128	(872)	<u>-9.7</u> %
525 .06	Telephone - Cellular	8,975	16,000	15,000	(1,000)	-6.3%
526 .01	District Insurance	44,546	48,995	54,264	5,269	10.8%
527 .01	Street Signs & Lighting	4,549	6,000		(6,000)	-100.0%
530 .01	Radio User Fees	2,052	2,280	3,000	720	31.6%
530 .02	SCADA Maint. & Repairs	10,862	11,000	15,000	4,000	36.4%
530 .03	Operating Lease-Copier	4,257	4,261	4,257	(4)	- <u>0.1</u> %
531 .00	M&R - Manholes & Lines	203,580	115,000	200,000	85,000	<u>73.9</u> %
531 .01	M&R - Pump Station Equipment	396,837	320,000	150,000	(170,000)	- <u>53.1</u> %
531 .02	Sewage Damage Reimbursements	6,879	5,000	2,000	(3,000)	<u>-60.0</u> %
535 .01	Sewer Treatment - Master Meter	2,208,219	2,100,000	2,400,000	300,000	14.3%
535 .02	Scavenger Waste Treatment	6,732	2,800	7,000	4,200	150.0%
535 .03	Non-Master Sewer Treatment	29,412	29,412	30,000	588	2.0%
	Total Operating & Maintenance	4,930,933	3,272,832	3,387,044	114,212	3.5%
	Total Personnel & Operating Cost	6,058,862	4,453,719	4,657,660	203,941	4.6%
	% Inc./(Dec.) over previous year	31.7%	-3.2%	4.6%		
536 .02	Building Improvements	100	49,000	23,800	(25,200)	
536 .04	Vehicles			152,840	152,840	
536 .07	Machinery & Equipment		72,500	18,900	(53,600)	
536 .09	Pump Station Equipment		160,000	65,000	(95,000)	
	Total Capital Outlay	i	410,500	260,540	(149,960)	
	Grand Total	6,058,862	4,864,219	4,918,200	53,981	



# WASTEWATER COLLECTION SYSTEM USE AND RATE ORDINANCE

Ordinance No. 2019-001

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#### CHAPTER 1 GENERAL PROVISIONS

#### SECTION 1.1 DEFINITIONS

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

- 1.1.1 BUILDING: Any structure on any property discharging sewage.
- 1.1.2 BUILDING DRAIN: That part of the lowest horizontal piping of an internal plumbing system which discharges sewage from within the walls or floors of a building and conveys it to the Building Sewer.
- 1.1.3 BUILDING SEWER: An extension from the building drain, beginning five (5) feet beyond the building wall, extending to service lateral connection.
- 1.1.4 CHANGE-IN-USE: A change in a customer's land use or business which, in the District's opinion, results in a substantive change in the type or amount of flow into existing wastewater transmission facilities as a result of the change. A change-in-use may result in a fee to the customer.
- 1.1.5 COMMISSION: The James Island Public Service District Commission, as defined in Act 498 of the Acts of the General Assembly for the year 1961 and subsequent acts amendatory thereof, or any authorized person acting for it.
- 1.1.6 CONTRACTOR: Any person(s) properly licensed to install sewer systems by the appropriate governmental agency as applicable for the type and magnitude of work to be performed.
- 1.1.7 CWS: Charleston Water System.
- 1.1.8 CUSTOMER: The party, person, firm, corporations, municipality or associates in any premise(s) provided sewer service by the District. Customers are divided into two general categories: residential customers and non-residential customers.
- 1.1.9 DESIGN AND CONSTRUCTION STANDARD MANUAL: A document containing District Administrative and Technical Review requirements applicable to wastewater systems extension design and construction, inspections, etc.
- 1.1.10 DEVELOPER: Any person(s) who subdivide(s) a lot or parcel of land.
- 1.1.11 DEVELOPMENT: Any residential subdivision, mobile home park, real estate development, or any commercial, business, industrial or institutional complex requiring the construction of new wastewater infrastructure to include new main gravity line or lift station.
- 1.1.12 DHEC (SCDHEC): South Carolina Department of Health and Environmental Control.
- 1.1.13 DISTRICT: James Island Public Service District.
- 1.1.14 ERU: Equivalent Residential Unit which equals 300 gallons per day of sewage flow.
- 1.1.15 FIXTURE UNIT: A unit measuring the rate of water flow, equal to one cubic foot of water per minute.

- 1.1.16 FATS, OILS AND GREASE (FOG); Organic polar compounds derived from animal and/or plant sources. FOG may be referred to as "grease" or "greases"
- 1.1.17 GREASE TRAP/INTERCEPTOR: A device that is utilized to effect the separation of grease and oils in wastewater effluents primarily from food service establishments, but may be required in other instances. Such traps or interceptors may be of the outdoor underground type or the under the counter package, with the type required being dictated by the amount of grease being produced.
- 1.1.18 IMPACT FEE: A non-recurring, non-refundable fee charged to a customer to assist the District in paying for major capital buildings to wastewater collection and transmission facilities.
- 1.1.19 MAIN: Generally, those public sewers owned, operated and maintained by the District whose primary function is to transport sewage, as compared to public sewers and sewer service laterals whose primary function is to collect sewage at the point-of-service connection with an individual customer service line.
- 1.1.20 NATURAL OUTLET: Any discharge into a water course, pond, ditch, lake, wetland, or other body of surface or groundwater.
- 1.1.21 NEW ACCOUNT FEE: The new account fee covers the costs of labor, material and computer time curing the application process.
- 1.1.22 NON-PAYMENT FEE: Fee for disconnection or scheduled disconnection of sewer service due to non-payment.
- 1.1.23 NON RESIDENTIAL CUSTOMER: Any customer that does not qualify as a residential customer.
- 1.1.24 OWNER(S): The person(s), firm(s), partnership(s), corporation(s), association(s) having an ownership interest, whether legal or equitable, sole or only partial, in any premise which is or is about to be supplied with sewer service by the District.
- 1.1.25 PREMISES: A division of a property or building that is devoted to the exclusive use of one household, family, or establishment and having a separate and distinct entrance, and complete privacy from the remaining portions of the building or property.
- 1.1.26 PUBLIC SEWER: A sewer located within a public right-of-way or sewer easement which is owned, operated and maintained by the District.
- 1.1.27 RATE: The term rate as used in this Ordinance shall mean and include every compensation, charge, rental, classification, or availability fee, or any combination thereof, including impact fees, service connection fees, or other one-time nonrecurring charges demanded, observed, charged, or collected by the District for any sewer service provided to the public customer, and any rules and regulations, practices or contracts affecting any such compensation, charge, rental or customer classification.
- 1.1.28 RESIDENTIAL CUSTOMER: Customer who uses the building as a permanent or temporary residence and does not regularly conduct business from the structure.
- 1.1.29 SANITARY SEWER: Infrastructure which transmits residential, commercial, or industrial waste. Storm, surface and groundwater are not permitted.
- 1.1.30 SERVICE AREA: The geographical area designated as the James Island Public Service District by legislative action under its enabling statutes inclusive of all public sewers, mains, collection

and transmission facilities, and appurtenant components therein and inclusive of any areas served as a result of contract or consent order.

- 1.1.31 SERVICE CONNECTION: See Sewer Service Lateral.
- 1.1.32 SEWAGE: The subset of wastewater that is contaminated with feces or urine, but is often used to mean any wastewater. "Sewage" includes residential, municipal, or industrial liquid waste products disposed of, usually via a pipe or sewer or similar.
- 1.1.33 SEWAGE WORKS: All facilities for collecting, pumping, treating, and disposing of sewage.
- 1.1.34 SEWER: A pipe or conduit for carrying sewage.
- 1.1.35 SEWER SERVICE CHARGE: The monthly charge for collection, transmission and treatment of wastewater.
- 1.1.36 SEWER SERVICE LATERAL: A sewer line that connects the customer's building with a District force main or gravity line. The portion of a sewer service lateral within a public right-of-way or easement which begins at the point-of-connection with the customer service lateral line and extends to the public sewer is referred to as the District's service lateral and is the District's responsibility for maintenance and repair. The portion of the service lateral which is upon the customer's property is referred to as the customer's service lateral, and is the customer's responsibility for maintenance and repair. Responsibility for maintenance and repair may shift between the District and the customer depending upon which person or entity caused the need for maintenance and repair.
- 1.1.37 TAP AND SERVICE CONNECTION FEE: A non-recurring, non-refundable, one-time fee charged to a new customer to assist the District for inspection of the service connection to public sewers owned by the District and represents a permanent reservation of wastewater collection system capacity.
- 1.1.38 TOTAL SOLIDS: The sum of suspended matter, settable matter, and dissolved matter, both volatile and nonvolatile.
- 1.1.39 WASTEWATER: Any water that has been adversely affected in quality by anthropogenic influence. It comprises liquid waste discharged by residences, commercial properties, industry, and can encompass a wide range of potential contaminants and concentrations. In the most common usage, it refers to the municipal wastewater that contains a broad spectrum of contaminants resulting from the mixing of wastewaters from different sources.

All other words shall be construed as having the meaning defined in <u>Glossary Water and Wastewater Control Engineering</u>, published by the Water Environment Federation, Washington, D.C., or by their general usage if undefined.

#### SECTION 1.2 PENALTIES

Customers served by District sewers and other persons who fail to comply with this ordinance shall be subject to all penalties available to the District pursuant to law or ordinance, and payment for all damages incurred, by the District as a result of non-compliance.

Building Owners within the District who willfully fail or refuse to comply with this ordinance, after written notice hereof and hearing as required by S.C. Code Ann. S 6-11-285 (1976), as amended from time to time, shall be subject to civil penalties established by the 1961 Enabling Act No. 498 Section 9, District Ordinances, and state and federal statutes and regulations as amended from time to time.

The current schedule of penalties established by the District is listed in Appendix A attached and made a part hereof.

#### SECTION 1.3 VALIDITY

All ordinances or parts of ordinances or regulations in conflict with this ordinance are hereby repealed.

The Commission reserves the right to take immediate, emergency action, as it deems necessary in the interest of public health and safety and further reserves the right to amend this ordinance, in part or in whole. Such right of action will be exercised only in the manner established or prescribed by applicable law including but not limited to public notice as may be required prior to final action.

The invalidity of any section, clause, sentence or provision in this ordinance shall not affect the validity of any other section, clause, sentence or provision of this ordinance which can be given effect without such invalid part or parts. It is the intent of the District that all elements contained herein shall be given the fullest effect and validity as allowed by law, and those portions, and only those portions, which have been determined by a court of last resort as contrary to law should be severed, leaving the balance of these provisions in full force and effect.

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#### **CHAPTER 2 MANDATORY PROVISIONS**

#### SECTION 2.1 USE OF PUBLIC SEWERS REQUIRED

The owner(s) of all houses, buildings, buildings to real property or properties used for human occupancy, employment, recreation or other purposes situated within this District which produce or generate sewerage or wastewater, and for which the District has made sewer available is hereby required at the owner's expense to connect directly into public sewer in accordance with provisions of this Ordinance. The building owner shall pay thereafter a sewer service charge at current rates established by the Commission and shall be either a residential or non-residential customer of the District.

#### 2.1.1 EXCEPTION

Where a public sewer is not available as defined by Section 2.1.2, on-site wastewater disposal shall be provided by the use of a septic tank and drain field system which shall be designed, constructed, and permitted pursuant to applicable South Carolina DHEC Regulations.

#### 2.1.2 AVAILABILITY OF PUBLIC SEWER

Sewer service is available where public gravity sewer or force main four (4) inches or smaller is within 300 feet of the nearest point of the foundation of any building which generates or produces sewer and it is technically feasible, in the District's sole discretion, to connect the building to the public sewer either by gravity flow or by pumping of sewage from the building to the public sewer.

#### 2.1.3 TIMING OF CONNECTIONS TO PUBLIC SEWER

When public sewer becomes available to a building capable of producing or generating sewerage due to a change-in-use or which has been served by a private septic tank, a direct connection shall be made to the public sewer in compliance with this Ordinance. Connection to public sewer shall be completed within 90 days after written notice from the District to the property owner that sewer is available. Upon connection to the public sewer, the septic tanks and appurtenances, if any, previously serving the building(s) shall be properly abandoned pursuant to applicable SCDHEC Regulations.

#### SECTION 2.2 EXTENSION OF PUBLIC SEWERS

All new sanitary sewer collection and transmission facilities, and extensions to existing sewers located in public streets or dedicated sewer easements installed or installed by others besides the District shall be built in accordance with current District Design and Construction Standards and conveyed to the District by properly recorded legal instruments. New sanitary sewers located on private property constructed or installed by others may be conveyed to the District provided required approvals have been obtained pursuant to current SCDHEC and District standards and suitable permanent sewer easements are conveyed to the District.

The District will collect a cash bond in the amount of 10% of the value of the water and/or wastewater system(s) as shown on the Project Completion Questionnaire (closeout Use and Rate Ordinance No. 2019-001

documentation supplied by the engineer). No bonding certificates will be accepted. The bond will be held for a two-year period, during which time, if repairs or modifications are needed and the developer fails to correct the repairs within the prescribed time, bond funds will be utilized to make the repairs. If the District must utilize any part of the bond funds, the entire amount will be forfeited by the developer. Otherwise, if no bond funds are used, the District will reimburse the bond amount in full.

#### SECTION 2.3 APPLICATION FOR NEW OR CHANGE-IN-USE SERVICE

Permits for the construction of building sewers and application for service connections serving new residential, non-residential, or change-in-use customers shall be obtained by the building owner or his agent from the District. The permit application shall be supplemented by plans, detail drawings, specifications or other information considered pertinent in the judgment of the District.

All persons permitted to install sewer service lines shall notify the District when the service lateral line is ready for connection and inspection. The District will either approve or disapprove the connection. Disapproved connections are required to be corrected and re-inspected.

Billing will begin after final inspection and approval of service lateral connection.

The District will attempt to make inspections, weather permitting, within three (3) working days after receipt of notice to the Wastewater Department.

#### **SECTION 2.4 SERVICE CONNECTIONS**

All connections shall be made in accordance with all District Design and Construction Standards in effect at the time.

#### **SECTION 2.5 SEWER SERVICE LATERAL**

There shall be a separate and independent sewer service lateral for every residence or non-residential building capable of producing or generating sewerage, subject to the exceptions described in this section.

#### A. GENERAL

- 1. Each customer/owner shall be responsible for the normal routine maintenance and inspection of the customer's sewer service lateral. Each customer/owner is required at his/her expense to repair/replace the customer's sewer service lateral if found defective by the District during inspections of the sanitary sewer system. The District will give written notification of the defective service lateral to the property owner. Correction of the defect shall be made within sixty (60) days after notification. If the correction has not been made within sixty (60) days following the date of notification, the District shall terminate the sewer service to the residence.
- 2. Whenever the customer extends service from an existing main to property that is not immediately adjacent to the utility's right-of-way or the public road that contains the District main, the extension shall be considered a main extension, and the cost shall be

the responsibility of the customer. Extensions of service within a customer's property shall be at the cost of the customer and completed by any South Carolina licensed contractor. If the District agrees, the customer at his expense may pay for extensions to District facilities to make service available to the property.

- 3. If a service lateral was installed, and thereafter the location of the road changes such that the service lateral does not extend to the property line, the customer will be responsible for the cost of extending the lateral as needed to supply service. Any South Carolina licensed contractor may perform the work.
- 4. In cases where a lot was platted and a service lateral was not constructed the District will provide a service lateral line to the property line if sewer service is available. In cases where the lot was platted and then subdivided into smaller lots, a service laterals must be provided by the customer. Any South Carolina licensed contractor may perform the work.
- 5. If a service lateral is provided to a lot and it needs to be enlarged, moved or otherwise modified to accommodate the customer, the customer is responsible for all costs associated with such change. Any South Carolina licensed contractor may perform the work.

#### B. EXCEPTIONS

- 1. Where one or more buildings stand to the rear of another on a single lot and separate customer service lines cannot be constructed to the rear buildings through an adjoining alley, courtyard, utility easement or driveway, the District may grant permission for the building sewer from the front building to be extended to the rear buildings and the whole considered as one building sewer, provided the landowner certifies in writing to the District that buildings so connected will not be later subdivided into separate building lots. The sewer cap will not apply in this case and the owner will be billed in full for the entire wastewater bill unless separate water meters are provided.
- 2. Existing building sewers may be used to provide service to new buildings subject to examination and testing by the District and provided such existing facilities meet all applicable local and state requirements as well as applicable District requirements.

#### **SECTION 2.6 APPLICABLE STANDARDS**

The size, slope, alignment and materials of construction of a building sewer and the methods to be used in excavating, placing of the pipe, jointing, testing and backfilling trenches shall conform to applicable requirements of the <u>International Plumbing Code</u> (Latest Revision) unless District Standards are in conflict with the Code, in which case District Standards take precedence over the Code.

#### **SECTION 2.7 SERVICE PROBLEMS**

Customers experiencing sewer problems shall have the option of either first calling the District or hiring a licensed plumber to investigate the source of the problem. However, the customer shall be solely responsible for payment of a hired plumber's services regardless of the location of the problem. The District shall not assume any responsibility to reimburse the customer for services of a privately-retained plumber.

- 2.7.1 NOTIFICATION In response to customer service calls, the District will investigate the condition of the District's service lateral connection within its easement or public right-of-way. If District personnel confirm the proper function of the service connection and/or District sewer service lateral, the District will notify the customer that the problem is not the District's responsibility and that appropriate action must be taken by the customer.
- 2.7.2 PRIVATELY RETAINED PLUMBER If a plumber is hired by the customer, he should be instructed to start an investigation at the point of Service Connection to the District's Sewer Service Lateral. Should the problem be found in the District's Lateral, the plumber shall immediately contact the District which will confirm the situation, and if appropriate, take immediate corrective action.

#### **SECTION 2.8 PRETREATMENT REQUIREMENTS**

Wastewater, other than typical residential strength wastewater as defined in District standards in effect from time to time may require pretreatment as specified by the District. In order for the District to evaluate possible adverse effects of non-residential strength wastewater upon its sewer works and CWS's Treatment Facility, each customer proposing to discharge non-residential strength wastewater shall submit a complete, certified laboratory analysis for all current parameters listed on CWS's Pretreatment Program Headworks Analysis to the District pursuant to Subsection 2.8.3 below.

- 2.8.1 Oil, Grease, Sand and Settable Solids Pretreatment Facilities shall be provided when, in the opinion of the District, they are necessary for the proper treatment of liquid wastes containing oil, grease or other flammable wastes or excessive settleable solids, sand or other similar materials. An origination fee will be charged for each new pretreatment facility. (See District's Oil and Grease Management Program.)
- 2.8.2 Installation and operation of any commercial/institutional garbage grinder equipped with a motor of four (4) horsepower or greater shall be subject to the review and approval of the District.
- 2.8.3 The design and installation of wastewater pretreatment facilities shall be subject to the review and approval of the District in addition to all other applicable regulatory agencies.
- 2.8.4 Pretreatment facilities shall be readily and easily accessible for District inspection and shall be properly cleaned and maintained continuously by the Building Owner at his expense.
- 2.8.5 Grease traps shall be required for all customers having food service operations and/or operations which have the capability to produce wastewater containing oils and grease in excess of 100 mg/1, substances which may solidify or become viscous at temperatures

- between 32 and 150 degrees F or shredded garbage particles greater than one-half (1/2) inch nominal diameter. All grease trap installations shall be permitted, inspected and approved by the District before final Sewer Service Connection is completed by a licensed plumber or the owner. Grease trap design and construction shall be as required by the District.
- 2.8.6 All food service establishments, including but not limited to cafés, restaurants, hotels, retirements centers, nursing homes, hospitals, grocery stores, prisons, mobile food units, schools, markets, or other food preparation establishments, are required to comply with the District's Fats, Oils and Grease (FOG) Management Policy 2011-01. The grease interceptor must be designed in accordance with the District's standards, shall be easily accessible for cleaning, have all property components, and be approved by the District. Failure to meet these policy requirements may result in fines, penalties and required compliance scheduling.

#### **SECTION 2.9 RIGHT OF ACCESS**

District employees, bearing proper credentials and identification, shall be permitted to enter private property through which the District holds a valid sewer easement for the purposes of, but not limited to inspection, observation, measurements, sampling, repair, and maintenance of any portion of the Sewage Works lying within its easement. In the event of an emergency and the property owner is not present JIPSD personnel may enter the property to take action on the emergency. Once the emergency is resolved the supervisor will leave a door hanger explaining why District personnel entered the property.

## SECTION 2.10 PETITIONING FOR PUBLIC WASTEWATER

Any property owner within the JIPSD's tax district who does not have public wastewater services already available may petition the JIPSD for public wastewater access.

In order for JIPSD to install new service in an existing neighborhood, 75% of the property owners must petition in favor. Property owners may contact JIPSD for a petition form that they may use to collect responses from their neighbors. Information pertaining to parcel ID numbers, legal addresses and owners can be found using the Charleston County's GIS website.

Once the petition requirement is met, JIPSD will conduct a study to verify that sewer service can be constructed. An estimated cost of construction will then be placed in JIPSD's Capital Improvements Budget. The budget will then be presented to the JIPSD's Commission for approval and funding.

Once funding is approved, the project will be designed by an engineer and placed out for bid for a contractor. After the contractor completes construction, all property owners will be required to pay tap and impact fees and connect to the new system within 90 days, as outlined in section 2.1.3 of this ordinance.

#### **CHAPTER 3 PROHIBITIONS**

#### **SECTION 3.1 DISPOSAL**

It shall be unlawful for any person to place, deposit or permit to be deposited in any unauthorized, illegal manner on public or private property within the District or in any area under the jurisdiction of the District, any human or animal excrement, garbage or other objectionable waste.

#### **SECTION 3.2 DISCHARGE**

It shall be unlawful to discharge into any watercourse or receiving stream within the District or in any area under the jurisdiction of the District, any sewage or other prohibited or regulated liquid waste except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance and the SCDHEC.

It is permitted to drain a pool, spa, filter back wash and pool wastewater into the facilities sewer lateral. Pool chemicals can be deadly to our local waterways. Water flow into the sewer lateral should not exceed 20 gallons per minute and should be pumped at low flow times of midnight to 5 am or noon to 5 pm. Pumping into a manhole is not allowed and could result in a fine for tampering with the wastewater structure.

#### SECTION 3.3 PRIVATE WASTEWATER DISPOSAL

It shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or disposal of sewage, where public sewers are available.

#### SECTION 3.4 UNAUTHORIZED CONSTRUCTION

No person shall uncover, make any connections to or opening into, use, alter or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the District. No person shall maintain or make cross-connections between roof downspouts, exterior foundation drains, subsurface groundwater drains, or other sources of stormwater run-off or groundwater to a building sewer or customer service lines, which in turn is connected directly or indirectly to a District sewer.

Damage to or interference with sewage system property – No person shall break, damage, destroy, uncover, deface, tamper with, alter, or impair any property of the sewage system or substantially interfere with the safe and economical operation and maintenance thereof. Covering, burying, paving over, or otherwise modifying access to sewer system manholes is also prohibited.

No person shall erect, construct or develop nor cause to be erected, constructed or developed, any structure, building, retaining wall, water feature, signage, artifice, building or other physical barrier, including roadway-type surfaces or earthen berms, or make changes to ground surface contours over or upon any part of the sewage system without the prior approval of the Wastewater Superintendent.

If it is the determination of the District that any such structure or building shall hinder or interfere with the safe and economical operation and maintenance of the sewerage system, including proper access to lines and facilities, then the District shall be authorized to issue directives or take other action to protect the sewage system by ceasing or removing any such structure or building at the expense of the person causing the threat or obstruction, or by requiring at the expense of the system as may be needed for its protection, which would include but not limited to relocation of lines or facilities, encasement of lines or pipe, replacement of the sanitary sewer main, structural armoring for drainage way crossings or similar buildings.

#### **SECTION 3.5 PROHIBITED WASTES**

No person shall discharge or cause to be discharged any of the following substances or pollutants into the District's sewage works. Any person discharging or causing to be discharging prohibited wastes into the District's sewage works may be subject to fines and penalties as prescribed by the District.

- A. EXPLOSIVE SUBSTANCES: gasoline, benzene, naphtha, fuel oil, or other petroleum derivative or any other explosive or volatile liquid, solid, or gas.
- B. HAZARDOUS WASTE MATERIALS: pollutants containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes;1) which could or to interfere with or adversely impact any sewage treatment process; 2) to constitute a hazard to humans, or wildlife, or domestic animals; 3) to create a public nuisance or to create an adverse environmental impact upon public waters receiving treated effluent from the CWS Plum Island Wastewater Treatment Facility.
- C. CORROSIVE WASTES: Wastewater having pH less than 6.5 or greater than 8.5, being acid or alkaline in chemical reaction having corrosive properties capable of causing damage or hazard to structures, equipment, and personnel of the sewage works; or any wastewater containing strong acid, iron pickling wastes, or concentrated plating solution whether neutralized or not.
- D. OBSTRUCTANTS: Solids, semi-solids, or viscous substances in quantities and/or of such size to cause obstruction in the flow of sewage or other interference to the proper operation of the sewage works, including, but not limited to, ashes and cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, insufficiently ground garbage, whole or paunch manure, hair and fleshlings, plastic or paper dishes, cups, and beverage containers either whole or shredded; lime, chemical or paint residues, mortar, concrete and other miscellaneous bulk solid waste products. Materials which exert or cause unusual concentration of inert suspended solids such as, but not limited to, Fullers earth, lime slurry, and lime resides or of dissolved solids; such as, but not limited to, sodium chloride and sodium sulfate.
- **E. HIGH TEMPERATURE WASTEWATER:** Liquids or vapors otherwise deemed acceptable but having a temperature higher than 150 degrees F. or 65 degrees C.

- F. OILS AND GREASES: Wastewater containing fats, wax, grease, or oils, whether emulsified or not, in excess of 100 mg/1 or containing substances which may solidify or become viscous at temperatures between 32 and 150 degrees F. or 0 and 65 degrees C.
- **G. RADIOACTIVE MATERIALS:** Radioactive wastes or isotopes of such half life or concentrations as may exceed limits established by the District in compliance with applicable CWS, state and federal regulations.
- H. SLUDGE/SCAVENGER WASTE: Septic tank sludge or other similar scavenger waste shall be absolutely prohibited without exception.
- I. OTHER PROHIBITED WASTE: Any wastewater entering the public sewer containing concentrations of pollutants in excess of the values set forth in CWS's current Pretreatment Program Regulations and/or other state and federal agencies having jurisdiction.

#### SECTION 3.6 REGULATED WASTEWATER

Any wastewater entering the public sewer containing concentrations of pollutants in excess of the values set forth in CWS's current Pretreatment Program Regulations including phenols, volatile organic compounds and other wastes or odor producing substances in such concentrations exceeding limits necessary to meet applicable requirements of CWS and/or other state and federal agencies having jurisdiction such over the controlled or prohibited substances into public sewers are not permitted and will be subject to fines.

Regulated wastewaters shall include, but are not limited to, materials which exert or cause:

- A. Excessive discoloration; such as, but not limited to dye wastes and vegetable tanning solutions.
- B. Unusual BOD, chemical oxygen demand, or chlorine requirements in such qualities as to constitute a significant load on CWS's Plum Island Treatment Facility.
- C. Substances which are not amenable to treatment or reduction by the sewage treatment processes employed by CWS at its Plum Island Treatment Facility's ability to meet permitted water quality permit limitations applicable to the treatment facility.
- D. Unusual rates of flow or concentrations of wastes constituting Slugs as defined herein.

#### SECTION 3.7 PROHIBITED DISCHARGED SEWER

If any wastewater discharged or proposed to be discharged into sewage works are prohibited or regulated pursuant to either Sections 3.5 or 3.6, the District may:

- A. Reject such wastes.
- B. Require pretreatment to an acceptable concentration and/or influent quality prior to discharge to the public sewers.
- C. Require contractual control including periodic sampling, monitoring and flow metering of the quantity and quality of such wastes discharge.

D.	Require payment of a sewer surcharge fee to the District for the added cost of hand and treating the otherwise prohibited or regulated wastes.						
E.	Levy penalties and fines as prescribed by the District for each violation.						
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#### CHAPTER 4 FEES AND CHARGES

#### **SECTION 4.1 GENERAL**

All customers shall pay applicable fees, rates, penalties and charges as delineated in the Rates & Fees Schedule (Appendix A).

Customers who are served via contract with the District shall be charged pursuant to an agreement with the District. The District reserves the right to fix and determine by contract, charges for services to any customer or governmental entity outside of the District's legislatively defined service area which utilizes the District's facilities for the transmission of sewage.

#### **SECTION 4.2 SEWER CONNECTION FEES**

District rates and charges are subject to periodic adjustments. Therefore, service fees and charges due will be based on the approved Rates & Fees Schedule at the time a service application is completed.

- 4.2.1 TAP AND SERVICE CONNECTION FEES A tap and service connection fee shall be paid at the time an application is made to connect to public sewer and shall be based upon the total number of Fixture Units and/or ERU determined in accordance with the <a href="SCHEC R.61-67">SCHEC R.61-67</a>, Standards for Wastewater Facility Construction, latest revision (the "R.61-67"). For specific fixture types not listed in the Code, the number of fixture units shall be determined by the fixture drain or trap size as listed in the R.61-67.
- 4.2.2 IMPACT FEES Impact fees are used to recover the costs of capital buildings to the wastewater system primarily associated with increasing capacity. A customer's impact fee is based upon a residential equivalent unit and shall be paid prior to the extension of or initial connection to public sewer.

Multiple units, served by one service connection shall be charged the connection fee for the first unit plus an additional connection fee for each additional unit.

Impact fees shall include two components: (a) a treatment impact fee, collected by the District on behalf of CWS, for treatment of sewage at CWS's Plum Island Sewage Treatment Facility, and (b) a transportation impact fee based on an Equivalent Residential unit (ERU).

When zoning districts and development density are not clearly defined, impact fees shall be based upon current zoning classifications and maximum allowable building densities resulting in the greatest number of ERU's allowable for existing zoning.

4.2.3 GREASE INSPECTION FEE - Customers required to install and maintain a grease trap and/or inceptor shall be charged a grease inspection fee after inspection by the District. The first re-inspection of a failed inspection will be at no charge to the customer. Fees charged will be added to the customer's next sewer bill following the inspection.

4.2.4 PROJECT ADMINISTRATIVE FEE - The project administration fee shall be based upon the District approved cost estimate of proposed public sewer construction and shall be paid prior to the District's issuance of the Permit to Construct. In the event actual construction costs exceed the estimated costs, the project administration fee shall be increased based upon the actual cost of construction. The additional fee shall be paid prior to connection to public sewer.

#### **SECTION 4.3 SERVICE CHARGES**

District rates and charges are subject to periodic adjustments. Therefore, the service charges, fees and penalties due will be based on the approved Rates & Fees schedule at the time charges are imposed.

- A. Service charges shall be billed monthly and charged to all customers that discharge, cause, or permit the discharge of sewage into the public sewerage facilities. This includes customers who are required to connect to the sewer system.
- B. The *base* charge shall, at a minimum, reflect the costs of operation and maintenance of the public sewerage facilities.

Exceptions to charging the base charge will only be made if the property owner provides proof of condemnation from one of the following governing bodies in which the property is located: City of Charleston, Town of James Island, City of Folly Beach or the unincorporated areas of Charleston County on James Island. If the service is dug up and capped and inspected by JIPSD, then this will be proof of non-use.

- A. Each user shall pay at a minimum its proportionate share of operation and maintenance cost based on volume flow.
- B. The District shall review, not less often than every five (5) years, the sewage contributions of users, the total costs of operation and maintenance of the sewage facilities, and the user charge system. The District shall review the user charge if necessary to accomplish the following:
  - (1) Maintain the proportionate distribution of operation and maintenance costs among users as provided in this section.
  - (2) Generate sufficient revenue to pay the total necessary operation and maintenance costs for the proper operation and maintenance of the sewerage facilities.
- C. All flow of the sewerage facilities not directly attributable to the users, i.e., infiltration/inflow, shall be distributed among all users of the sewerage facilities based upon the volume of flow of the users.

#### **SECTION 4.4 BILLING**

Service charges are calculated based on water usage from water meter readings provided by Charleston Water Systems. If customer does not have a water meter, service charges are based on a flat rate.

A. All customers shall be billed monthly and payment is due in the office on or before 5:00 pm by the date shown on the statement.

- B. Accounts not paid by this date will be subject to a late fee charge, nonpayment of services fee, possible interruption of service, and reconnection fees.
- C. No wastewater service shall be furnished or rendered free of charge to any person, corporation, or other legal entity, except the internal District operations.
- D. If a balance remains on an account after it has been closed, the District has the right pursuant to the South Carolina Setoff Debt Collection Act to collect any sum due and owed by the customer through offset of the customer's state income tax refund.

#### **SECTION 4.5 CHANGE-IN-USE FEE**

The change-in-use fee shall be based upon the increase in total fixture units or number of ERU's. A change-in-use resulting in a decrease in total fixture units or number of ERU's shall not constitute grounds for a refund.

#### **SECTION 4.6 INSTALLMENT PAYMENTS**

In an attempt to provide reasonable access to <u>residential</u> wastewater facilities for those who cannot or do not wish to secure outside financing, the following guidelines are hereby established for account financing for wastewater tap & impact fees only.

Monthly installment payments for service connection fees including tap and impact fees, for the initial connection of a single family residence to public sewer, may be granted upon request by the customer at the discretion of the CFO. Such an installment plan may extend for period not to exceed six (6) months and bear 0% interest. Monthly service charges are not eligible for financing.

#### SECTION 4.7 NON COMPLIANCE

Failure to comply with this ordinance shall result in penalties established by the 1961 Enabling Act No. 498 Section 9.

#### **SECTION 4.8 APPEAL**

Any person aggrieved by District action under this Use and Rate Ordinance may appeal by filing a written document stating the action appealed and the grounds for appeal. The appeal shall be received by the District at its office on Signal Point Road no later than 15 working days after the District's final action on the matter. The District Commission will consider the appeal at the next regularly scheduled meeting following the filing of the appeal. The District Commission may allow the person appealing to present evidence and have counsel at a public hearing, or, in its discretion, may consider the appeal on the materials submitted. The District shall deliver its decision in writing within 10 days. Delivery will either be by postmarked U.S. postal service to the address indicated in the appeal by the appellant, or via electronic mail if so chosen by the appellant and an address for electronic mail is provided by the appellant.

### Appendix A Wastewater Rates & Fees

	(	Current			
Base & Volumetric Rates		FY19		FY20	
Residential & Non-Residential		7/1/2018	10	0/1/2019	
Base Charge	\$	17.05	\$	17.58	
Volume Charge (per ccf)	\$	5.02	\$	5.24	
Residential Cap (16 ccfs)	\$	87.33	\$	101.42	
NonMetered Customers	\$	47.17	\$	54.05	
Transportation Rate	\$	22.96	\$	27.04	
Connection Fees					
New Account Fee	\$	25.00	\$	30.00	
Tap Inspection Fee	\$	75.00	\$	100.00	
Tap Re-Inspection Fee	\$	-	\$	150.00	
Service Connection Fee	\$	400.00	\$	500.00	
Transportation Impact Fee	\$	805.00	\$	1,210.00	
Treatment Impact Fee	\$	887.00	\$	887.00	
Ancillary Fees & Charges					
Late Payment	\$	10.00	\$	10.00	
Insufficient Funds	\$	35.00	\$	35.00	
Lien Recording	\$	35.00	\$	35.00	
Nonpayment of Services	\$	50.00	\$	50.00	
Reconnection Fee	\$	50.00	\$	50.00	
Grease Trap Inspection	\$	35.00	\$	50.00	
Grinder Pump Maintenance	\$	30.00	\$	30.00	
Unauthorized Use/Tampering	\$	500.00	\$	500.00	
Project Administration		2.00%		2.00%	
Project Admin w/ Pump Station(s)		3.00%		3.00%	
Change-in-use Fee	\$	1.50	\$	1.50	
(per ERU net increase)					
Additional Wastewater Services					
Sewer Investigation	\$	100.00	\$	100.00	
Televising					
Up to 200 feet	\$	450.00	\$	450.00	
> 200 feet		\$2.25/lf		\$2.25/lf	
Sewer Infrastructure Cleaning					
Up to 3 hours	\$	600.00	\$	600.00	
> 3 hours	•	\$200/hr.	•	\$200/hr.	
- 110 1112				•	