WASTEWATER FINANCIAL FORECAST

	Actual FY 2017	Budget FY 2018	Estimate FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Revenues (x 1,000)								
Rate Revenue	$24,558	$24,088	$24,235	$23,589	$23,540	$23,866	$24,253	$24,568
Non Rate Revenue	2,416	2,001	1,912	2,060	2,045	1,894	1,919	1,931
Impact Fee from Reserves	3,520	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Subtotal	$30,495	$28,089	$28,147	$27,649	$27,586	$27,760	$28,173	$28,499
Planned Use of Reserves	0	793	0	0	0	0	0	0
TOTAL REVENUES	**$30,495**	**$28,882**	**$28,147**	**$27,649**	**$27,586**	**$27,760**	**$28,173**	**$28,499**
Expenditures (x 1,000)								
O&M	$11,571	$12,575	$11,921	$12,847	$13,285	$13,609	$13,942	$14,294
Revenue Funded Capital	$8,093	4,937	4,980	8,406	3,942	2,915	2,911	2,906
Transfers (Internal and External)	2,639	2,689	2,673	2,761	2,841	2,938	3,013	3,093
ROI/Franchise Fee	2,155	2,191	2,192	2,144	2,141	2,158	2,192	2,221
Debt Service	6,179	6,489	6,489	6,329	7,071	6,561	7,350	5,377
TOTAL EXPENSES	**$30,638**	**$28,882**	**$28,256**	**$32,488**	**$29,280**	**$28,181**	**$29,408**	**$27,890**
Net Income	**($143)**	**$0**	**($110)**	**($4,839)**	**($1,695)**	**($421)**	**($1,235)**	**$609**
Rate Increases	**2.0%**	**2.0%**	**0.0%**	**-5.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
FY 2017 Rate Increases	*2.0%*	*0.0%*	*0.0%*	*0.0%*	*2.0%*	*2.0%*	*2.0%*	*--*
Impact Fee SFE's **Hickory/Pecan - $2,200**	**1,095**	**972**	**1,120**	**984**	**960**	**975**	**932**	**1,007**

RESERVE BALANCES	**Actual FY 2017**	**Budget FY 2018**	**Estimate FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**
Working Capital	$2,451	$2,311	$2,261	$2,599	$2,342	$2,254	$2,353	$2,231
Operating Reserve	$15,611	$10,877	$15,492	$10,114	$8,476	$7,943	$6,544	$7,275
Wrkng Cptl + Op Reserve	**$18,062**	**$13,187**	**$17,752**	**$12,713**	**$10,818**	**$10,197**	**$8,897**	**$9,506**
Number of Working Days	215	167	229	143	135	132	110	124
Development Plan Lines	$135	$335	$335	$535	$735	$935	$1,000	$1,000
Impact Fee Reserve	$2,195	$1,675	$2,378	$2,510	$2,676	$2,750	$2,990	$3,271
Debt Coverage Ratio - 1.25	2.64	2.10	2.09	1.90	1.62	1.71	1.53	2.07
Wrkng Cptl / Op Reserve Target - 100 Days (28%)	**$8,579**	**$8,087**	**$7,912**	**$9,097**	**$8,199**	**$7,891**	**$8,234**	**$7,809**
Wrkng Cptl / Op Reserve Target - 140 Days (39%)	**$11,949**	**$11,264**	**$11,020**	**$12,670**	**$11,419**	**$10,991**	**$11,469**	**$10,877**
Net Revenue w/Rate Increase 1%			$215	$209	$208	$211	$215	$217

WASTEWATER FUND
(INCLUDES DRAINAGE)
REVENUE & EXPENDITURE SUMMARY
FY 2018-19

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE	2018-19 PROPOSED	2019-20 PROPOSED	2020-21 PROPOSED
Interest Operating	$ 170,898	$ 117,500	$ 117,500	$ 194,000	$ 157,000	$ 140,000
Wastewater Residential	11,655,664	11,103,223	11,030,267	10,657,173	10,819,398	10,995,579
Wastewater Commercial	12,166,754	12,256,031	12,450,498	12,168,689	11,940,540	12,080,177
Wastewater Effluent Irrigation	88,706	61,530	67,076	68,576	71,000	72,046
Wastewater Wholesale	631,996	667,670	686,659	694,234	709,414	717,794
Other Wastewater	1,841,004	1,648,482	1,559,542	1,630,878	1,653,287	1,519,491
Transfer In -	419,483	235,000	235,000	235,000	235,000	235,000
Transfer In - Other	-	-	-	-	-	-
Impact Fee Revenue Utilization	3,520,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
TOTAL REVENUES	$ 30,494,505	$ 28,089,436	$ 28,146,542	$ 27,648,550	$ 27,585,639	$ 27,760,087
Use of Reserves	-	792,570	-	-	-	-
TOTAL RESOURCES	$ 30,494,505	$ 28,882,006	$ 28,146,542	$ 27,648,550	$ 27,585,639	$ 27,760,087

EXPENDITURES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE	2018-19 PROPOSED	2019-20 PROPOSED	2020-21 PROPOSED
Wastewater Administration	$ 1,202,271	$ 1,295,492	$ 1,307,288	$ 1,004,940	$ 1,036,242	$ 1,058,000
Water Reclamation	7,834,302	5,569,092	5,327,359	9,842,255	5,795,908	5,793,287
Wastewater Collection	8,557,870	8,381,347	8,118,371	7,486,962	7,494,506	6,693,197
Beneficial Reuse	1,455,354	1,617,351	1,568,241	1,571,482	1,634,183	1,662,460
Wastewater Laboratory	558,392	557,917	538,496	597,231	616,351	621,420
Industrial Pretreatment	752,367	831,123	781,364	820,738	829,105	870,808
Field Services	-	-	-	689,697	662,433	675,426
Misc. (Debt Service, Transfers, etc.)	10,277,087	10,629,683	10,615,188	10,474,293	11,211,654	10,806,559
TOTAL EXPENDITURES	$ 30,637,643	$ 28,882,005	$ 28,256,307	$ 32,487,598	$ 29,280,382	$ 28,181,157

WASTEWATER FUND
PERSONNEL SUMMARY

PERSONNEL Full Time Equivalents (FTE)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE	2018-19 PROPOSED	2019-20 PROPOSED	2020-21 PROPOSED
Wastewater Administration	9.75	9.75	10.00	6.00	6.00	6.00
Water Reclamation	26.00	26.00	26.00	26.00	26.00	26.00
Wastewater Collection	34.50	33.00	33.00	33.00	36.00	36.00
Beneficial Reuse	7.00	7.00	7.00	7.00	7.00	7.00
Wastewater Laboratory	4.00	4.00	4.00	4.00	4.00	4.00
Industrial Pretreatment	7.50	7.50	7.50	7.50	7.50	7.50
Field Services	0.00	0.00	0.00	6.00	6.00	6.00
TOTAL PERSONNEL	88.75	87.25	87.5	89.50	92.50	92.50

WASTEWATER FUND
(INCLUDES DRAINAGE)
REVENUE & EXPENDITURE SUMMARY
FY 2018-19

EXPENDITURES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE	2018-19 PROPOSED	2019-20 PROPOSED	2020-21 PROPOSED
Purchased Power	$ 987,482	$ 1,221,000	$ 1,020,000	$ 1,221,000	$ 1,245,420	$ 1,270,328
Personal Services	5,784,562	6,329,964	6,084,119	6,615,941	6,980,206	7,150,096
Materials & Supplies	1,031,210	1,177,884	1,152,991	1,178,000	1,201,564	1,225,587
Maintenance & Repair	1,098,311	1,333,609	1,310,929	1,310,219	1,336,423	1,363,151
Insurance	25,320	155,031	155,031	196,253	200,177	204,182
Miscellaneous	33,678	41,131	37,551	41,518	42,349	43,196
Operations	1,580,907	1,738,816	1,592,751	1,689,906	1,722,545	1,756,827
Return on Investment	887,541	902,326	902,791	882,684	881,777	888,478
Franchise Fee	1,267,915	1,289,037	1,289,702	1,260,978	1,259,682	1,269,254
Debt Service	6,178,867	6,489,490	6,489,490	6,328,898	7,070,643	6,561,336
Cost of Service - General Fund	766,941	751,039	751,039	773,570	796,777	820,680
Other Transfers	1,872,067	1,938,178	1,921,553	1,987,546	2,044,429	2,117,402
Transfer for Capital Projects	9,122,842	5,514,500	5,548,360	9,001,085	4,498,390	3,510,640
TOTAL EXPENDITURES	$ 30,637,643	$ 28,882,005	$ 28,256,307	$ 32,487,598	$ 29,280,382	$ 28,181,157

PERSONNEL (IN WORKER YEARS)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE	2018-19 PROPOSED	2019-20 PROPOSED	2020-21 PROPOSED
Regular	88.25	87.25	87.50	88.50	91.50	91.50
Temporary/Seasonal	0.50	0.00	0.00	1.00	1.00	1.00
TOTAL PERSONNEL	88.75	87.25	87.5	89.50	92.50	92.50

Wastewater Utility Budget Summary
By Object Code

Object	Sub ledger	Description	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	% Change from FY18 Budget	$ change from FY18 Budget
6002		PURCHASED POWER	976,539	1,178,200	969,807	1,200,000	1,000,000	1,200,000	0%	-
6024		PRODUCTION POWER - GAS	10,889	14,727	17,675	21,000	20,000	21,000	0%	-
		Purchased Power	**987,428**	**1,192,928**	**987,482**	**1,221,000**	**1,020,000**	**1,221,000**	0%	-
6101		SALARY AND WAGES	3,419,537	3,562,451	3,696,356	4,146,336	3,924,220	4,406,323	6%	259,987
6101	0023	SEASONAL/TEMPORARY	34,523	30,171	29,763	87,173	98,613	110,053	21%	22,880
6110		CIVILIAN OVERTIME	188,383	173,108	162,447	229,858	213,543	245,296	6%	15,438
6112		CIVILIAN LONGEVITY	27,956	29,156	30,176	31,788	30,988	31,736	0%	(52)
6119		AUTO ALLOWANCE	7,600	5,750	6,000	6,000	6,000	6,000	0%	-
6123		CELL PHONE ALLOWANCE	8,791	7,447	8,114	8,880	9,720	9,720	9%	840
6142		FICA	258,151	269,421	277,646	341,126	303,459	363,131	6%	22,005
6142	0023	FICA/TEMPORARY	2,641	2,308	2,277	1,750	-	2,625	33%	875
6143		TMRS	661,198	663,355	682,913	773,117	707,758	821,399	6%	48,282
6150		HEALTH INSURANCE	1,013,039	987,385	922,145	1,294,387	1,203,476	1,313,478	1%	19,091
6156		LIFE INSURANCE	7,783	2,915	1,931	2,323	2,305	2,462	6%	139
6158		LONG-TERM DISABILITY	10,131	5,217	4,365	5,368	5,275	5,706	6%	338
6162		WORKER'S COMP	17,733	13,231	2,097	16,303	11,085	8,110	-101%	(8,193)
6194		HURRICANE HARVEY	-	-	(41,667)	-	-	-	0%	-
6195		SALARY ADJUSTMENT	-	-	-	165,009	157,677	157,705	-5%	(7,304)
6196		SALARY SAVINGS	-	-	-	(120,000)	(90,000)	(124,000)	3%	(4,000)
6198		LABOR CHARGEBACK	185,208	450,177	437,380	-	-	-	0%	-
6199		CAPITAL LABOR	(185,208)	(448,350)	(437,380)	(659,454)	(500,000)	(743,803)	11%	(84,349)
		Personal Services	**5,657,467**	**5,753,742**	**5,784,562**	**6,329,964**	**6,084,119**	**6,615,941**	4%	285,977

Wastewater Utility Budget Summary
By Object Code

Object	Sub ledger	Description	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	% Change from FY18 Budget	$ change from FY18 Budget
6302		OFFICE SUPPLIES	21,789	25,118	26,515	27,005	23,962	26,563	-2%	(442)
6304		COPY CHARGES	1,883	6,312	5,989	3,800	3,600	3,976	4%	176
6305		COPY CHARGES REPRO	1,513	2,366	2,071	7,100	7,200	7,050	-1%	(50)
6308		POSTAGE	1,447	1,747	2,078	2,425	2,938	3,460	30%	1,035
6312		UNIFORMS	12,398	11,506	19,538	13,500	13,500	15,000	10%	1,500
6314		PROTECTIVE CLOTHING	23,337	23,676	26,824	29,000	28,350	29,629	2%	629
6322		COMPUTER FORMS & SUPPLIES	194	601	96	3,200	2,280	3,250	2%	50
6324		COMPUTER PAPER	-	-	-	-	-	-	0%	-
6330		BOOKS & MAGAZINES	68	209	878	2,130	1,100	2,180	2%	50
6332		SMALL TOOLS & INSTRUMENTS	64,921	78,084	73,845	82,650	81,650	85,750	4%	3,100
6334		CHEMICALS	209,449	389,246	631,018	653,340	641,050	666,140	2%	12,800
6336		MEDICAL SUPPLIES	1,227	922	640	900	800	900	0%	-
6338		BOTANICAL	52	-	-	1,500	1,500	1,500	0%	-
6340		FREIGHT	3,322	6,262	5,709	8,405	5,858	8,615	2%	210
6342		JANITORIAL SUPPLIES	2,621	4,031	3,315	3,224	3,234	3,249	1%	25
6346		MECHANICAL - ELECTRICAL	-	5,801	-	10,000	10,000	10,000	0%	-
6348		LINENS & TOWELS	-	-	-	-	-	-	0%	-
6360		BACTERIOLOGICAL	24,539	17,644	16,677	20,500	20,500	21,500	5%	1,000
6362		GLASSWARE	1,449	934	1,238	1,900	1,889	1,943	2%	43
6364		SPECIAL COMPRESSED GAS	8,989	9,658	9,768	10,506	10,506	10,826	3%	320
6366		FIRE REHAB SUPPLIES	-	135	611	700	650	700	0%	-
6370		COMPOST	-	-	-	-	-	-	0%	-
6372		OUTSIDE SUPPLIES	2,278	3,760	8,388	1,650	1,650	1,350	-22%	(300)
6374		RADIO SUPPLIES	-	-	-	-	-	-	0%	-
6386		DOCUMENT PRINTING	1,439	4,600	6,290	8,400	7,530	8,700	3%	300
6388		LABORATORY SUPPLIES	3,405	4,264	3,308	9,877	9,677	9,997	1%	120
6390		OTHER/MISC MATERIALS	460	11	941	1,500	1,000	2,000	25%	500
6391		FURNITURE & FIXTURES	46	2,759	1,358	4,305	3,900	3,555	-21%	(750)
6392		OFFICE MACHINES	820	3,522	1,497	4,500	3,300	8,780	49%	4,280
6393		MACHINES & EQUIPMENT	78,727	101,128	60,481	155,267	155,267	134,037	-16%	(21,230)
6394		MISCELLANEOUS EQUIPMENT	83,275	160,308	121,546	107,000	106,500	103,750	-3%	(3,250)
6395		RADIOS	211	536	590	3,600	3,600	3,600	0%	-
		Materials & Supplies	**549,859**	**865,140**	**1,031,210**	**1,177,884**	**1,152,991**	**1,178,000**	0%	116

Wastewater Utility Budget Summary
By Object Code

Object	Sub ledger	Description	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	% Change from FY18 Budget	$ change from FY18 Budget
6502		FURNITURE & FIXTURES	85	671	2,616	2,472	2,460	2,472	0%	-
6504		OFFICE MACHINES	31,557	40,024	46,721	66,845	66,345	66,715	0%	(130)
6506		MACHINERY & EQUIPMENT	116,911	155,317	151,229	156,500	156,500	154,400	-1%	(2,100)
6508		OTHER	28,347	38,812	14,018	43,200	43,200	48,200	10%	5,000
6512		BUILDING & EQUIPMENT	6,562	18,652	19,131	34,464	31,024	34,504	0%	40
6514		SIDEWALKS & GROUNDS	-	5,802	-	2,000	2,000	2,000	0%	-
6516		STREETS, CURBS & GUTTERS	91,527	152,658	79,165	135,000	135,000	135,000	0%	-
6522		STREET LIGHTS	-	-	713	500	-	500	0%	-
6523		SYSTEM REPAIR MATERIALS	194,788	207,344	201,528	205,000	205,000	205,000	0%	-
6525		GENERATING MACHINERY	413,589	334,571	346,720	402,378	400,000	402,378	0%	-
6526		ACCESSORY ELECTRICAL EQUIPMENT	51,115	63,736	105,427	85,000	80,000	85,000	0%	-
6532		METERS	4,458	18,204	30,365	40,000	39,000	40,000	0%	-
6536		RADIO EQUIPMENT	31,718	30,600	35,122	35,400	35,400	34,200	-4%	(1,200)
6544		PLUMBING	42	-	-	1,000	1,000	1,000	0%	-
6545		OUTSIDE CONTRACTED SERVICES	117,618	91,538	65,558	123,850	114,000	98,850	-25%	(25,000)
		Maintenance & Repair	**1,088,318**	**1,157,929**	**1,098,311**	**1,333,609**	**1,310,929**	**1,310,219**	-2%	(23,390)
6704		FIRE & EXTENDED COVERAGE INSURANCE	74,223	74,762	12,098	84,520	84,520	91,134	7%	6,614
6706		GENERAL & AUTO LIABILITY	151,864	148,815	13,222	70,511	70,511	105,119	33%	34,608
		Insurance	**226,087**	**223,577**	**25,320**	**155,031**	**155,031**	**196,253**	21%	41,222
6804		RETURN ON INVESTMENT TRANSFER	801,347	852,911	887,541	902,326	902,791	882,684	-2%	(19,642)
6806		FRANCHISE FEE	1,144,782	1,218,444	1,267,915	1,289,037	1,289,702	1,260,978	-2%	(28,059)
		Administrative Cost	**1,946,129**	**2,071,354**	**2,155,456**	**2,191,363**	**2,192,493**	**2,143,662**	-2%	(47,701)
7702		AWARDS	10,695	10,548	10,647	14,206	12,932	14,468	2%	262
7704		COUNCIL & BOARD EXPENSES	12	-	50	100	50	100	0%	-
7708		SUPPLEMENT TO CITY ORDINANCE	-	-	-	100	50	100	0%	-
7720		REFUND PRIOR YEAR REVENUE	-	-	-	225	100	100	-125%	(125)
7726		PHYSICAL ASSESSMENT	-	-	-	-	-	250		
7729		CHAMBER OF COMMERCE	19,898	19,986	22,275	24,000	21,919	24,000	0%	-
7762		MISC COMMUNITY SERVICE	-	-	-	-	-	-	0%	-
		Miscellaneous	**30,605**	**30,534**	**32,972**	**38,631**	**35,051**	**39,018**	1%	387

Wastewater Utility Budget Summary
By Object Code

Object	Sub ledger	Description	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	% Change from FY18 Budget	$ change from FY18 Budget
7802		HIRE OF EQUIPMENT	175,188	164,353	158,634	212,680	176,540	176,660	-20%	(36,020)
7804		LICENSES	22,722	25,098	13,535	30,465	30,465	32,765	7%	2,300
7805		STATE/REGULATORY FEES	103,548	116,426	116,256	120,384	120,384	120,384	0%	-
7806		DUES & PUBLICATIONS	16,304	20,176	17,619	30,110	29,610	23,570	-28%	(6,540)
7809		REIMBURSED TRANSP COSTS	-	-	(11,888)	-	-	-	0%	-
7810		LAUNDRY	9,646	8,822	9,144	9,000	9,000	9,000	0%	-
7814		SEVEN HABITS TRAINING	-	-	-	1,000	-	1,000	0%	-
7816		WELLNESS	-	-	-	500	-	500	0%	-
7818		EMPLOYEE RECRUITMENT	1,397	1,735	883	1,335	1,080	1,440	7%	105
7820		EMPLOYEE TRAINING	14,608	14,194	15,113	21,632	20,382	20,982	-3%	(650)
7830		BAD DEBT EXPENSE	53,066	38,693	115,569	71,000	72,000	58,000	-22%	(13,000)
7832		INTEREST UTILITY DEPOSIT	4	93	-	-	-	-	0%	-
7833	537182	DRAINAGE FEE	6,326	6,326	6,326	6,600	6,600	6,600	0%	-
7837		IMPACT FEE IN-KIND SERVICES	-	-	-	5,000	-	5,000	0%	-
7842		GAS, OIL & DIESEL	182,373	160,546	184,280	191,010	191,820	197,460	3%	6,450
7844		VEHICLE MAINTENANCE	364,732	442,483	503,031	435,150	422,250	439,900	1%	4,750
7854		CONSULTANT FEES	6,872	30,835	44,440	105,000	59,300	100,000	-5%	(5,000)
7855		ENVIRONMENTAL COMPLIANCE	-	-	-	-	-	-	0%	-
7856		ATTNY FEES - LITIGATION EXP	-	-	41	10,000	4,000	10,000	0%	-
7860		ENGINEERING SUBLEDGER CHARGES	59,279	14,581	25,094	65,000	45,000	65,000	0%	-
7868		TEMPORARY PERSONNEL SVCS	-	-	-	-	-	-	0%	-
7877		PHONE SERVICES	2,598	893	2,017	5,000	2,500	6,515	23%	1,515
7879		OUTSIDE CONTRACT SERVICES	95	-	1,156	500	500	500	0%	-
7882		BANK DEPOSITORY	12,125	-	5,800	1,080	6,000	6,000	82%	4,920
7886		MOWING EXPENSE	27,498	42,089	42,845	50,975	47,675	48,475	-5%	(2,500)
7888		DRUG SCREEN	6,221	3,991	138	6,050	150	-	0%	(6,050)
7890		MEDICAL SERVICES	-	-	-	550	300	550	0%	-
7898		LAB TESTING	79,623	74,944	73,059	93,900	90,600	92,400	-2%	(1,500)
7899		OUTSIDE CONTRACT SERVICES	69	-	-	-	-	-	0%	-
7902		TRAVEL EXPENSES	12,438	7,670	18,620	13,200	9,650	15,550	15%	2,350
7908		SCHOOLS & SEMINARS	11,038	13,242	11,654	23,480	22,200	23,375	0%	(105)
7912		ADVERTISING	9,622	13,428	15,272	16,000	15,750	16,000	0%	-
7932		GAS SERVICE	516	322	346	1,000	1,000	1,000	0%	-
7934		ELECTRICAL SERVICE	313	490	504	1,000	1,000	1,000	0%	-
7936		WATER & WASTEWATER	89,346	27,672	100,253	75,000	73,000	75,000	0%	-
7938		SOLID WASTE COLLECTION	91,915	117,209	97,410	118,520	118,250	118,520	0%	-
7942		TELEPHONE - FIXED COST	20,003	4,939	1,140	-	-	-	0%	-
7944		TELEPHONE - LONG DISTANCE	124	-	-	1,090	450	1,090	0%	-
7946		TELE/MOBIL/PAGER	20,767	15,059	12,277	14,555	14,545	14,620	0%	65
		Operations	**1,400,479**	**1,367,261**	**1,580,907**	**1,738,816**	**1,592,751**	**1,689,906**	-3%	(48,910)

Wastewater Utility Budget Summary
By Object Code

Object	Sub ledger	Description	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	% Change from FY18 Budget	$ change from FY18 Budget
8106		FISCAL AGENT FEE	588	1,116	706	2,500	2,500	2,500	0%	-
		Interest Expenses & Fiscal Charges	**588**	**1,116**	**706**	**2,500**	**2,500**	**2,500**	0%	-
8301		DEBT SERVICE TRANSFER	156,429	-	-	-	-	-	0%	-
8301	0001	DEBT SERVICE TRANSFER - General Fund	3,866,769	4,998,032	6,178,867	6,489,490	6,489,490	6,328,898	-3%	(160,592)
8301	0002	DEBT SERVICE TRANSFER - Utility	1,954,189	1,690,921	-	-	-	-	0%	-
		Debt Service Transfer	**5,977,387**	**6,688,953**	**6,178,867**	**6,489,490**	**6,489,490**	**6,328,898**	-3%	(160,592)
8402		TRANSFER TO GENERAL FUND	737,035	777,993	766,941	751,039	751,039	773,570	3%	22,531
8402	0002	BOND SALE SAVINGS	81,671	-	-	-	-	-	0%	-
8404		TRANSFER TO ELECTRIC FUND	324,866	343,695	393,602.04	381,910	381,910	393,368	3%	11,458
8406		TRANSFER TO WATER FUND	102,900	214,941	113,658.96	115,892	115,892	148,519	22%	32,627
8407		TRANSFER TO SAFETY & TRAINING	68,118	77,504	79,536.00	79,016	79,016	81,386	3%	2,370
8411	0003	TRANSFER TO CAP PROJ - WASTEWATER	3,101,172	4,437,833	8,090,277	4,936,560	4,977,260	8,406,495	41%	3,469,935
8411	0002	TRANSFER TO CAP PROJ - WATER	48,000	43,000	3,000	3,000	3,000	-	0%	(3,000)
8411	0004	TRANSFER TO CAP PROJ - DRAINAGE	15,825	17,500	-	-	-	-	0%	-
8411	0006	TRANSFER TO CAP PROJ - VEH REPLACEMENT	643,222	456,500	456,500	462,000	462,000	470,150	2%	8,150
8411	0009	TRSFR TO GEN FUND	-	-	255,833	-	-	-	0%	-
8411	0011	TRANSFER TO CAP PROJ - AUCTION FUND	59,594	152,016	147,797	70,440	63,600	64,440	-9%	(6,000)
8412		TRANSFER TO FLEET SVCS	26,650	19,000	21,750.00	21,750	21,750	22,250	2%	500
8416		TRANSFER TO TECH SVCS	291,620	311,224	296,080.08	291,867	291,867	297,363	2%	5,496
8419	0023	BOND SALE SAVINGS	-	103,735	100,890.00	100,239	100,889	100,239	0%	-
8419	0025	TRANSFER TO ENGINEERING	77,845	77,845	77,844.96	82,750	82,750	85,233	3%	2,483
8421		TRANSFER TO MATERIALS MANAGEMENT	149,812	139,389	146,816.04	128,179	128,179	132,025	3%	3,846
8422		TRANSFER TO UTILITY ADMIN	184,946	210,974	230,568.35	277,507	260,232	268,541	-3%	(8,966)
8426		TRANSFER TO CUSTOMER SERVICE	443,814	412,862	411,321.00	459,068	459,068	458,622	0%	(446)
		Interfund Transfer	**6,357,090**	**7,796,012**	**11,592,416**	**8,161,217**	**8,178,452**	**11,702,201**	30%	3,540,984

Wastewater Utility Budget Summary
By Object Code

Object	Sub ledger	Description	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	% Change from FY18 Budget	$ change from FY18 Budget
8535		MACHINERY & EQUIPMENT	61,739	88,329	151,378	42,500	42,500	60,000		
8550		PLANT & EQUIOMENT	-	-	18,057	-	-	-	0%	-
		Fixed Assets	**61,739**	**88,329**	**169,435**	**42,500**	**42,500**	**60,000**	29%	17,500
		Grand Total	**24,283,176**	**27,236,875**	**30,637,643**	**28,882,005**	**28,256,307**	**32,487,598**	11%	3,605,593
			-	-	-	-	-	-		
		Total Less "Locked Costs"	**4,087,299**	**4,672,637**	**4,865,901**	**5,519,540**	**5,121,322**	**5,466,443**	-1%	(53,097)

Locked Costs

6101-6199 PERSONAL SERVICES
6536 RADIO EQUIPMENT
6704 FIRE & EXTENDED COVERAGE INSURANCE
6706 GENERAL & AUTO LIABILITY
6804-6806 ADMINISTRATIVE COSTS
8301 DEBT SERVICE
8401-8499 INTERFUND TRANSFERS

WATER AND WASTE-WATER

2018 - 2019 VEHICLE REPLACEMENTS AND ADDITIONS

HBU	DIVISION	DESCRIPTION	OLD EMIS #	REPLACEMENT	ADDITION	FUNDS
630100	Production	Trailer, Goose	WP0455	$7,000		Recovery
630100	Production	Truck/RUV,	WP0954	$25,000		Recovery
630100	Production	Truck, 3/4 T Ext Cab			$47,000	Recovery
630200	Distribution	Dump Truck	WD0958	$150,000		Recovery
630200	Distribution	Truck 1 1/2 T Crew Cab,Ut	WD1179	$110,000		Recovery
630200	Distribution	Skid Loader	WD1422	$55,000		Recovery
630200	Distribution	Sweeper	WD0679	$60,000		Recovery
630300	Metering	Truck, 1/2 T, Reg	WM0865	$27,000		Recovery
630300	Metering	2 T Utility Bed	WM0959	$70,000		Recovery
			Water Utility subtotal:	**$504,000**	**$47,000**	
			Transfer to Vehicle Recovery Fund			
640100	Reclamation	Truck,Refuse RL	WT9735	$200,000		Recovery
640100	Reclamation	1/2 Ton,4x4	WT0969	$30,000		Recovery
640200	Collections	Trailer, Flat	WC0500A	$2,000		Recovery
640200	Collections	Peterbilt, 14yd dump	WC0960	$150,000		Recovery
640200	Collections	Peterbilt, 14yd dump	WC0961	$150,000		Recovery
640200	Collections	Utility Truck	WC1144	$75,000		Recovery
640400	Beneficial Reuse	Tire Loader, 4x4	BS0991	$160,000		Recovery
640400	Beneficial Reuse	Tire Loader, 4x4	BS0321	$25,000		Recovery
			Wastewater Utility subtotal:	**$792,000**	**$0**	

UTILITIES - WASTEWATER
WASTEWATER ADMINISTRATION

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Wastewater System Resources	$ 1,202,271	$ 1,295,492	$ 1,307,288	$ 1,004,940	$ 1,036,242	$ 1,058,000
TOTAL RESOURCES	$ 1,202,271	$ 1,295,492	$ 1,307,288	$ 1,004,940	$ 1,036,242	$ 1,058,000

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 831,635	$ 827,374	$ 855,624	$ 591,319	$ 613,346	$ 625,616
Materials & Supplies	32,030	33,825	31,575	19,800	20,196	20,598
Maintenance & Repair	20,639	26,545	23,545	22,745	23,200	23,664
Insurance	1,359	9,129	9,129	12,237	12,482	12,731
Miscellaneous	24,003	28,365	25,431	27,490	28,040	28,601
Operations	117,630	247,080	163,110	218,425	222,794	227,248
Capital Outlay	67,800	14,000	89,700	4,000	4,000	4,000
Other Transfers	107,175	109,174	109,174	108,924	112,184	115,542
TOTAL EXPENDITURES	$ 1,202,271	$ 1,295,492	$ 1,307,288	$ 1,004,940	$ 1,036,242	$ 1,058,000

PERSONNEL (FULL Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	9.75	9.75	10.00	6.00	6.00	6.00
Temporary/Seasonal	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	9.75	9.75	10.00	6.00	6.00	6.00

MAJOR BUDGET CHANGES

FY18 added .25 FTE for Analyst
FY19 moved 4 FTE's to new HBU
*Estimate as of May, 2018

UTILITIES - WASTEWATER
WASTEWATER MISCELLANEOUS

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Net Operating Revenue	$ 10,133,947	$ 10,629,684	$ 10,505,422	$ 5,635,245	$ 9,516,911	$ 10,385,489
TOTAL RESOURCES	$ 10,133,947	$ 10,629,684	$ 10,505,422	$ 5,635,245	$ 9,516,911	$ 10,385,489

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Return on Investment	$ 887,541	$ 902,326	$ 902,791	$ 882,684	$ 881,777	$ 888,478
Franchise Fee	1,267,915	1,289,037	1,289,702	1,260,978	1,259,682	1,269,254
Debt Service	5,687,884	5,991,720	5,991,720	5,831,128	6,499,523	5,989,466
Administrative Transfer to General Fund	766,941	751,039	751,039	773,570	796,777	820,680
Other Transfers	1,551,237	1,624,561	1,607,936	1,667,933	1,715,895	1,779,681
Bad Debt Expenses	115,569	71,000	72,000	58,000	58,000	59,000
TOTAL EXPENDITURES	$ 10,277,087	$ 10,629,683	$ 10,615,188	$ 10,474,293	$ 11,211,654	$ 10,806,559
BALANCE OF REVENUES	($143,140.29)	$1	($109,766)	($4,839,048)	($1,694,743)	($421,070)

*Estimate as of May, 2018

UTILITIES - WASTEWATER
WASTEWATER RECLAMATION

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Transfers in from water	$ 139,483	$ -	$ -	$ -	$ -	$ -
Septage	107,375	50,000	20,000	50,000	50,000	50,000
Wastewater System Resources	7,587,444	5,519,092	5,307,359	9,792,255	5,745,908	5,743,287
TOTAL RESOURCES	$ 7,834,302	$ 5,569,092	$ 5,327,359	$ 9,842,255	$ 5,795,908	$ 5,793,287

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Purchased Power	$ 987,482	$ 1,221,000	$ 1,020,000	$ 1,221,000	$ 1,245,420	$ 1,270,328
Personal Services	1,903,980	2,118,371	2,118,371	2,193,912	2,237,792	2,282,548
Materials & Supplies	670,014	656,700	651,500	678,700	692,274	706,118
Maintenance & Repair	539,157	596,968	577,800	596,368	608,296	620,462
Insurance	11,278	77,719	77,719	94,457	96,346	98,273
Miscellaneous	3,479	3,576	3,576	3,576	3,648	3,721
Operations	344,684	337,134	324,609	335,134	341,838	348,675
Capital Outlay	3,320,401	506,240	502,400	4,666,340	516,100	407,500
Other Transfers	53,827	51,384	51,384	52,768	54,194	55,662
TOTAL EXPENDITURES	$ 7,834,302	$ 5,569,092	$ 5,327,359	$ 9,842,255	$ 5,795,908	$ 5,793,287

PERSONNEL (FULL Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	26.00	26.00	26.00	26.00	26.00	26.00
Temporary/Seasonal	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	26.00	26.00	26.00	26.00	26.00	26.00

MAJOR BUDGET CHANGES

*Estimate as of May, 2018

UTILITIES - WASTEWATER
WASTEWATER COLLECTIONS

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Wastewater System Resources	$ 8,557,870	$ 8,381,347	$ 8,118,371	$ 7,486,962	$ 7,494,506	$ 6,693,197
TOTAL RESOURCES	$ 8,557,870	$ 8,381,347	$ 8,118,371	$ 7,486,962	$ 7,494,506	$ 6,693,197

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 1,541,675	$ 1,735,060	$ 1,475,284	$ 1,750,412	$ 1,996,964	$ 2,067,184
Materials & Supplies	163,974	276,500	276,500	200,750	204,765	208,858
Maintenance & Repair	499,583	633,450	633,450	511,250	521,475	531,904
Insurance	10,159	51,020	51,020	66,443	67,772	69,128
Miscellaneous	3,987	6,000	6,000	6,000	6,120	6,242
Debt Service	322,815	316,750	316,750	316,750	312,500	312,625
Operations	457,967	400,400	397,200	397,200	405,144	413,245
Capital Outlay	5,484,473	4,894,760	4,894,760	4,169,095	3,909,000	3,011,490
Other Transfers	73,237	67,407	67,407	69,062	70,766	72,521
TOTAL EXPENDITURES	$ 8,557,870	$ 8,381,347	$ 8,118,371	$ 7,486,962	$ 7,494,506	$ 6,693,197

PERSONNEL (FULL Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	34.00	33.00	33.00	33.00	36.00	36.00
Temporary/Seasonal	0.50	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	34.50	33.00	33.00	33.00	36.00	36.00

MAJOR BUDGET CHANGES

Adding 3 FTEs in FY 2020, 2 HEO I and 1 HEO II

*Estimate as of May, 2018

UTILITIES - WASTEWATER
BENEFICIAL REUSE

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Dyno Product Sales	$ 539,167	$ 450,000	$ 450,000	$ 450,000	$ 455,000	$ 460,000
Tipping Fees	382,124	403,000	375,000	403,000	406,000	409,000
Effluent Sales	101,029	61,530	67,076	68,576	71,000	72,046
Wastewater System Resources	433,034	702,821	676,165	649,906	702,183	721,414
TOTAL RESOURCES	$ 1,455,354	$ 1,617,351	$ 1,568,241	$ 1,571,482	$ 1,634,183	$ 1,662,460

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 616,871	$ 663,321	$ 663,321	$ 653,525	$ 666,595	$ 679,926
Materials & Supplies	62,558	91,800	79,450	82,050	83,691	85,364
Maintenance & Repair	10,755	34,200	34,200	34,200	34,884	35,582
Insurance	1,097	7,627	7,627	10,064	10,265	10,471
Miscellaneous	873	1,000	1,000	1,000	1,020	1,040
Debt Service	168,168	181,020	181,020	181,020	258,620	259,245
Operations	451,067	559,130	522,370	529,500	540,089	550,890
Capital Outlay	112,011	47,500	47,500	47,500	5,500	5,500
Other Transfers	31,955	31,753	31,753	32,623	33,519	34,442
TOTAL EXPENDITURES	$ 1,455,354	$ 1,617,351	$ 1,568,241	$ 1,571,482	$ 1,634,183	$ 1,662,460

PERSONNEL (FULL Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	7.00	7.00	7.00	7.00	7.00	7.00
Temporary/Seasonal	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	7.00	7.00	7.00	7.00	7.00	7.00

MAJOR BUDGET CHANGES

*Estimate as of May, 2018

UTILITIES - WASTEWATER
WASTEWATER LABORATORY

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Wastewater System Resources	$ 558,392	$ 557,917	$ 538,496	$ 597,231	$ 616,351	$ 621,420
TOTAL RESOURCES	$ 558,392	$ 557,917	$ 538,496	$ 597,231	$ 616,351	$ 621,420

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 333,577	$ 355,052	$ 340,733	$ 356,924	$ 364,063	$ 371,343
Materials & Supplies	81,753	90,053	86,753	93,144	95,010	96,909
Maintenance & Repair	25,058	38,136	38,004	39,226	40,010	40,810
Insurance	496	3,317	3,317	4,540	4,630	4,723
Miscellaneous	509	790	790	814	830	847
Operations	43,674	56,857	55,187	58,467	59,636	60,828
Capital Outlay	60,208	-	-	30,000	37,640	31,000
Other Transfers	13,117	13,712	13,712	14,116	14,532	14,960
TOTAL EXPENDITURES	$ 558,392	$ 557,917	$ 538,496	$ 597,231	$ 616,351	$ 621,420

PERSONNEL (FULL Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	4.00	4.00	4.00	4.00	4.00	4.00
Temporary/Seasonal	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	4.00	4.00	4.00	4.00	4.00	4.00

MAJOR BUDGET CHANGES

*Estimate as of May, 2018

UTILITIES - WASTEWATER
INDUSTRIAL PRETREATMENT

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Pretreatment Fees	$ 152,057	$ 115,000	$ 120,900	$ 115,000	$ 115,000	$ 115,000
Wastewater System Resources	600,310	716,123	660,464	705,738	714,105	755,808
TOTAL RESOURCES	$ 752,367	$ 831,123	$ 781,364	$ 820,738	$ 829,105	$ 870,808

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 556,825	$ 630,786	$ 630,786	$ 650,645	$ 663,658	$ 676,931
Materials & Supplies	20,882	29,006	27,213	28,956	29,536	30,126
Maintenance & Repair	3,119	4,310	3,930	3,930	4,008	4,088
Insurance	931	6,219	6,219	8,512	8,682	8,856
Miscellaneous	826	1,400	754	1,400	1,428	1,457
Operations	50,316	67,215	58,275	63,925	65,204	66,506
Capital Outlay	77,949	52,000	14,000	22,000	14,000	39,000
Other Transfers	41,519	40,187	40,187	41,370	42,589	43,844
TOTAL EXPENDITURES	$ 752,367	$ 831,123	$ 781,364	$ 820,738	$ 829,105	$ 870,808

PERSONNEL (FULL Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	7.50	7.50	7.50	7.50	7.50	7.50
Temporary/Seasonal	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	7.50	7.50	7.50	7.50	7.50	7.50

MAJOR BUDGET CHANGES

*Estimate as of May, 2018

UTILITIES - WASTEWATER
FIELD SERVICE

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Wastewater System Resources	$ -	$ -	$ -	$ 689,697	$ 662,433	$ 675,426
TOTAL RESOURCES	$ -	$ -	$ -	$ 689,697	$ 662,433	$ 675,426

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ -	$ -	$ -	$ 419,204	$ 437,788	$ 446,548
Materials & Supplies	-	-	-	74,600	76,092	77,614
Maintenance & Repair	-	-	-	102,500	104,550	106,641
Insurance	-	-	-	-	-	-
Miscellaneous	-	-	-	1,238	1,263	1,288
Operations	-	-	-	29,255	29,840	30,435
Capital Outlay	-	-	-	62,150	12,150	12,150
Other Transfers	-	-	-	750	750	750
TOTAL EXPENDITURES	$ -	$ -	$ -	$ 689,697	$ 662,433	$ 675,426

PERSONNEL (FULL Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	0.00	0.00	0.00	5.00	5.00	5.00
Temporary/Seasonal	0.00	0.00	0.00	1.00	1.00	1.00
TOTAL PERSONNEL	0.00	0.00	0.00	6.00	6.00	6.00

MAJOR BUDGET CHANGES

Moved 4 FTE's from 640001
Moved 2 FTE's from 630001
*Estimate as of May, 2018

2019-2023 Capital Improvements Plan
Cash Requirements - Wastewater

Group	Assignment Categories	2019	2020	2021	2022	2023	Total
003	003-BUILDING CONSTRUCTION	$950,000					$950,000
005	005-COLLECTION SYSTEM UPGRADE	$8,295,000	$8,585,000	$2,535,000	$2,065,000	$25,000	$21,505,000
020	020-FIELD SERVICES REPLCE	$3,640,616	$2,919,112	$2,298,999	$2,307,969	$2,328,354	$13,495,050
021	021-INFILTRATION / INFLOW	$50,000	$50,000	$50,000	$50,000	$50,000	$250,000
022	022-LIFTSTATION IMPROVEMENTS	$2,258,000	$2,113,000	$13,008,000	$8,000	$8,000	$17,395,000
024	024-MISC	$430,000	$260,000	$285,000	$260,000	$260,000	$1,495,000
029	029-OVERSIZE LINES	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000
036	036-REPLACE LINES	$977,000	$350,000	$25,000	$25,000	$25,000	$1,402,000
042	042-TAPS,FIRE HYDS, METERS	$82,279	$84,748	$87,291	$89,910	$94,408	$438,636
043	043-TOOLS & EQUIPMENT	$40,000	$45,000	$41,000	$40,000	$10,000	$176,000
047	047-WASTEWATER EFFLUENT REUSE	$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
048	048-PLANT IMPROVEMENTS	$3,280,000	$130,000	$130,000	$130,000	$130,000	$3,800,000
050	050-VEHICLES	$982,000	$964,000	$710,500	$630,000	$1,603,000	$4,889,500
Grand Totals		**$21,209,895**	**$15,725,860**	**$19,395,790**	**$5,830,879**	**$4,758,762**	**$66,921,186**

		2019	2020	2021	2022	2023	Total
	Aid in Construction	$82,279	$84,748	$87,291	$89,910	$94,408	$438,636
	Utility Bonds - 5 year					$650,000	$650,000
	Revenue	$10,626,216	$4,831,112	$3,548,499	$3,450,969	$3,764,354	$26,221,150
	Utility Bonds - 20 year	$10,501,400	$10,810,000	$15,760,000	$2,290,000	$250,000	$39,611,400
Grand Totals		**$21,209,895**	**$15,725,860**	**$19,395,790**	**$5,830,879**	**$4,758,762**	**$66,921,186**

	2019	2020	2021	2022	2023	Total
Wastewater Required Bond Sale - 20 year	**9,800,000**	**10,800,000**	**15,250,000**	**2,000,000**	**-**	**37,850,000**
Wastewater Required Bond Sale - 5 year	**-**	**-**	**-**	**-**	**650,000**	**650,000**

2019-2023 Capital Improvements Plan
5 Year List By Business Unit - WasteWater

FY	HBU	Project Type	Group	Project Title	Aid in Construction	C.O.	Revenue	Utility Bonds	Total
2019	640001-Wastewater-	Growth	003-BUILDING CONSTRUCTION	Service Center Renovation				$950,000	$950,000
				640001 Subtotal:				**$950,000**	**$950,000**
	640100-Wastewater- Water	Growth	024-MISC	Land Purchase			$235,000		$235,000
			048-PLANT IMPROVEMENTS	West Wet Weather Storage Facility				$1,500,000	$1,500,000
		New (Mobile	048-PLANT IMPROVEMENTS	Emergency Genset, Truck, Emergency Pump			$350,000		$350,000
		Replacement	022-LIFTSTATION IMPROVEMENTS	Upgrade Lift Station Chart Recorders			$8,000		$8,000
				Hickory Creek Lift Station Upgrade			$2,250,000		$2,250,000
			048-PLANT IMPROVEMENTS	Plant Improvements			$80,000		$80,000
				Electric Transformer Replacement			$50,000		$50,000
				PCWRP Solids Handling			$1,200,000		$1,200,000
				Pecan Creek SCADA Upgrade			$100,000		$100,000
			050-VEHICLES	Vehicles - Wastewater Reclamation			$230,000		$230,000
				Portable Emergency Generator Replacement			$190,000		$190,000
		Technology	024-MISC	Scada Master Plan			$165,000		$165,000
				640100 Subtotal:			**$4,858,000**	**$1,500,000**	**$6,358,000**
	640200-Wastewater- Collection	Growth	005-COLLECTION SYSTEM UPGRADE	Dry Fork Hickory Creek Tributary 1 Interceptor				$1,800,000	$1,800,000
				Hickory Creek Detention Facility				$5,500,000	$5,500,000
			029-OVERSIZE LINES	Oversize Wastewater Lines				$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Wastewater Tap	$82,279				$82,279
		Improved Service	005-COLLECTION SYSTEM UPGRADE	Easement Maintenance and Improvements			$25,000		$25,000
		Replacement	005-COLLECTION SYSTEM UPGRADE	Hickory Creek Interceptor III				$310,000	$310,000
				Westgate Heights Interceptor			$468,600	$191,400	$660,000
			020-FIELD SERVICES REPLCE	Service Line Replacement			$281,837		$281,837
				Locust Street Sewer Line Replacement Phase 2			$700,000		$700,000
				FY 18-19 Field Service Replacements			$2,058,779		$2,058,779
				Barrow Gravity Main Replacement			$600,000		$600,000
			021-INFILTRATION / INFLOW	Manhole Replace/Repair			$50,000		$50,000
			036-REPLACE LINES	Private Lateral Sewer Rehabilitation			$25,000		$25,000
				Bonnie Brae-I35 to Scripture			$360,000		$360,000
				Windsor East			$246,000		$246,000
				Scripture			$346,000		$346,000
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment			$10,000		$10,000
			050-VEHICLES	Vehicles - Wastewater Collection			$377,000		$377,000
				640200 Subtotal:	**$82,279**		**$5,548,216**	**$8,001,400**	**$13,631,895**
	640400-Wastewater-Beneficial	Growth	024-MISC	Concrete Improvement				$25,000	$25,000
		Improved Service	047-WASTEWATER EFFLUENT REUSE	Effluent Reuse				$25,000	$25,000
		Replacement	050-VEHICLES	Vehicles - Wastewater Beneficial Reuse			$185,000		$185,000
				640400 Subtotal:			**$185,000**	**$50,000**	**$235,000**

FY	HBU	Project Type	Group	Project Title	Aid in Construction	C.O.	Revenue	Utility Bonds	Total
	640500-Wastewater-Laboratory	Replacement	043-TOOLS & EQUIPMENT	Reverse Osmosis (RO) Purified Water System			$30,000		$30,000
				640500 Subtotal:			**$30,000**		**$30,000**
	640600-Wastewater-Industrial	New (Mobile	024-MISC	Field Tablets for Inspection			$5,000		$5,000
				640600 Subtotal:			**$5,000**		**$5,000**
				2019 Subtotal:	**$82,279**		**$10,626,216**	**$10,501,400**	**$21,209,895**
2020	640100-Wastewater- Water	Growth	022-LIFTSTATION IMPROVEMENTS	Clear Creek Basin Pump Station				$2,000,000	$2,000,000
			024-MISC	Land Purchase			$235,000		$235,000
		Improved Service	022-LIFTSTATION IMPROVEMENTS	Robson East Generator			$75,000		$75,000
				Border Cowboy Generator			$30,000		$30,000
		Replacement	022-LIFTSTATION IMPROVEMENTS	Upgrade Lift Station Chart Recorders			$8,000		$8,000
			048-PLANT IMPROVEMENTS	Plant Improvements			$80,000		$80,000
				Electric Transformer Replacement			$50,000		$50,000
				640100 Subtotal:			**$478,000**	**$2,000,000**	**$2,478,000**
	640200-Wastewater- Collection	Growth	029-OVERSIZE LINES	Oversize Wastewater Lines				$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Wastewater Tap	$84,748				$84,748
		Improved Service	005-COLLECTION SYSTEM UPGRADE	Easement Maintenance and Improvements			$25,000		$25,000
		Replacement	005-COLLECTION SYSTEM UPGRADE	Hickory Creek Interceptor I				$1,100,000	$1,100,000
				Hickory Creek Interceptor II				$7,200,000	$7,200,000
				Hickory Creek Interceptor IV				$260,000	$260,000
			020-FIELD SERVICES REPLCE	Service Line Replacement			$290,291		$290,291
				Elm Street Sewer Line Replacement Phase 2			$600,000		$600,000
				FY 19-20 Field Service Replacements			$2,028,821		$2,028,821
			021-INFILTRATION / INFLOW	Manhole Replace/Repair			$50,000		$50,000
			036-REPLACE LINES	Private Lateral Sewer Rehabilitation			$25,000		$25,000
				Bonnie Brae-380 to Windsor			$85,000		$85,000
				Bonnie Brae-Scripture to 380			$240,000		$240,000
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment			$10,000		$10,000
			050-VEHICLES	Vehicles - Wastewater Collection			$942,000		$942,000
				640200 Subtotal:	**$84,748**		**$4,296,112**	**$8,760,000**	**$13,140,860**
	640400-Wastewater-Beneficial	Growth	024-MISC	Concrete Improvement				$25,000	$25,000
		Improved Service	047-WASTEWATER EFFLUENT REUSE	Effluent Reuse				$25,000	$25,000
				640400 Subtotal:				**$50,000**	**$50,000**
	640500-Wastewater-Laboratory	Growth	043-TOOLS & EQUIPMENT	TKN Distillation Apparatus and Auto Titrator			$35,000		$35,000
		Replacement	050-VEHICLES	Vehicles - Wastewater Laboratory			$22,000		$22,000
				640500 Subtotal:			**$57,000**		**$57,000**
				2020 Subtotal:	**$84,748**		**$4,831,112**	**$10,810,000**	**$15,725,860**
2021	640100-Wastewater- Water	Growth	022-LIFTSTATION IMPROVEMENTS	Clear Creek Basin Pump Station				$13,000,000	$13,000,000
			024-MISC	Land Purchase			$235,000		$235,000
		Replacement	022-LIFTSTATION IMPROVEMENTS	Upgrade Lift Station Chart Recorders			$8,000		$8,000
			048-PLANT IMPROVEMENTS	Plant Improvements			$80,000		$80,000
				Electric Transformer Replacement			$50,000		$50,000
				640100 Subtotal:			**$373,000**	**$13,000,000**	**$13,373,000**

FY	HBU	Project Type	Group	Project Title	Aid in Construction	C.O.	Revenue	Utility Bonds	Total
	640200-Wastewater- Collection	Growth	029-OVERSIZE LINES	Oversize Wastewater Lines				$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Wastewater Tap	$87,291				$87,291
		Improved Service	005-COLLECTION SYSTEM UPGRADE	Easement Maintenance and Improvements			$25,000		$25,000
		Replacement	005-COLLECTION SYSTEM UPGRADE	Hickory Creek Interceptor III				$2,510,000	$2,510,000
			020-FIELD SERVICES REPLCE	Service Line Replacement			$298,999		$298,999
				Replacement Program from Asset Mgt Study			$56,922		$56,922
				FY 20-21 Field Service Replacements			$1,943,078		$1,943,078
			021-INFILTRATION / INFLOW	Manhole Replace/Repair			$50,000		$50,000
			036-REPLACE LINES	Private Lateral Sewer Rehabilitation			$25,000		$25,000
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment			$10,000		$10,000
			050-VEHICLES	Vehicles - Wastewater Collection			$710,500		$710,500
				640200 Subtotal:	**$87,291**		**$3,119,499**	**$2,710,000**	**$5,916,790**
	640400-Wastewater-Beneficial	Growth	024-MISC	Concrete Improvement				$25,000	$25,000
		Improved Service	047-WASTEWATER EFFLUENT REUSE	Effluent Reuse				$25,000	$25,000
				640400 Subtotal:				**$50,000**	**$50,000**
	640500-Wastewater-Laboratory	Replacement	043-TOOLS & EQUIPMENT	Laboratory TOC Analyzer			$31,000		$31,000
				640500 Subtotal:			**$31,000**		**$31,000**
	640600-Wastewater-Industrial	Replacement	024-MISC	Sampling Equipment			$25,000		$25,000
				640600 Subtotal:			**$25,000**		**$25,000**
				2021 Subtotal:	**$87,291**		**$3,548,499**	**$15,760,000**	**$19,395,790**
2022	640100-Wastewater- Water	Growth	024-MISC	Land Purchase			$235,000		$235,000
		Replacement	022-LIFTSTATION IMPROVEMENTS	Upgrade Lift Station Chart Recorders			$8,000		$8,000
			048-PLANT IMPROVEMENTS	Plant Improvements			$80,000		$80,000
				Electric Transformer Replacement			$50,000		$50,000
				640100 Subtotal:			**$373,000**		**$373,000**
	640200-Wastewater- Collection	Growth	029-OVERSIZE LINES	Oversize Wastewater Lines				$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Wastewater Tap	$89,910				$89,910
		Improved Service	005-COLLECTION SYSTEM UPGRADE	Easement Maintenance and Improvements			$25,000		$25,000
		Replacement	005-COLLECTION SYSTEM UPGRADE	Hickory Creek Interceptor IV				$2,040,000	$2,040,000
			020-FIELD SERVICES REPLCE	Service Line Replacement			$307,969		$307,969
				Replacement Program from Asset Mgt Study			$41,880		$41,880
				FY 21-22 Field Service Replacements			$1,958,120		$1,958,120
			021-INFILTRATION / INFLOW	Manhole Replace/Repair			$50,000		$50,000
			036-REPLACE LINES	Private Lateral Sewer Rehabilitation			$25,000		$25,000
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment			$10,000		$10,000
			050-VEHICLES	Vehicles - Wastewater Collection			$630,000		$630,000
				640200 Subtotal:	**$89,910**		**$3,047,969**	**$2,240,000**	**$5,377,879**
	640400-Wastewater-Beneficial	Growth	024-MISC	Concrete Improvement				$25,000	$25,000
		Improved Service	047-WASTEWATER EFFLUENT REUSE	Effluent Reuse				$25,000	$25,000
				640400 Subtotal:				**$50,000**	**$50,000**
	640500-Wastewater-Laboratory	Replacement	043-TOOLS & EQUIPMENT	Auto BOD System including pumps and software			$30,000		$30,000
				640500 Subtotal:			**$30,000**		**$30,000**
				2022 Subtotal:	**$89,910**		**$3,450,969**	**$2,290,000**	**$5,830,879**

FY	HBU	Project Type	Group	Project Title	Aid in Construction	C.O.	Revenue	Utility Bonds	Total
2023	640100-Wastewater- Water	Growth	024-MISC	Land Purchase			$235,000		$235,000
		Replacement	022-LIFTSTATION IMPROVEMENTS	Upgrade Lift Station Chart Recorders			$8,000		$8,000
			048-PLANT IMPROVEMENTS	Plant Improvements			$80,000		$80,000
				Electric Transformer Replacement			$50,000		$50,000
			050-VEHICLES	Vehicles - Wastewater Reclamation			$32,000		$32,000
				640100 Subtotal:			**$405,000**		**$405,000**
	640200-Wastewater- Collection	Growth	029-OVERSIZE LINES	Oversize Wastewater Lines				$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Wastewater Tap	$94,408				$94,408
		Improved Service	005-COLLECTION SYSTEM UPGRADE	Easement Maintenance and Improvements			$25,000		$25,000
		Replacement	020-FIELD SERVICES REPLCE	Service Line Replacement			$328,354		$328,354
				Replacement Program from Asset Mgt Study			$298,197		$298,197
				FY 22-23 Field Service Replacements			$1,701,803		$1,701,803
			021-INFILTRATION / INFLOW	Manhole Replace/Repair			$50,000		$50,000
			036-REPLACE LINES	Private Lateral Sewer Rehabilitation			$25,000		$25,000
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment			$10,000		$10,000
			050-VEHICLES	Vehicles - Wastewater Collection			$921,000		$921,000
				640200 Subtotal:	**$94,408**		**$3,359,354**	**$200,000**	**$3,653,762**
	640400-Wastewater-Beneficial	Growth	024-MISC	Concrete Improvement				$25,000	$25,000
		Improved Service	047-WASTEWATER EFFLUENT REUSE	Effluent Reuse				$25,000	$25,000
		Replacement	050-VEHICLES	Vehicles - Wastewater Beneficial Reuse		$650,000			$650,000
				640400 Subtotal:		**$650,000**		**$50,000**	**$700,000**
				2023 Subtotal:	**$94,408**	**$650,000**	**$3,764,354**	**$250,000**	**$4,758,762**
				Grand Totals:	**$438,636**	**$650,000**	**$26,221,150**	**$39,611,400**	**$66,921,186**