WATER 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		$34,514	$37,120	$36,880	$36,779	$37,931	$38,599	$39,384	$40,185
Non Rate Revenue		$2,784	$2,253	$2,101	$2,511	$2,569	$2,595	$2,602	$2,668
Impact Fee From Reserves		$4,000	$3,755	$3,755	$5,700	$5,700	$5,900	$5,500	$5,500
Subtotal		$41,299	$43,128	$42,736	$44,989	$46,200	$47,095	$47,486	$48,353
Planned Use of Reserves		0	0	0	0	0	0	0	0
TOTAL REVENUE		**$41,299**	**$43,128**	**$42,736**	**$44,989**	**$46,200**	**$47,095**	**$47,486**	**$48,353**
Expenditures (x 1,000)									
O&M		$14,247	$16,640	$15,663	$17,151	$17,807	$18,188	$18,625	$19,111
Revenue Funded Capital		$11,579	$8,269	$8,497	$11,688	$10,728	$11,725	$10,648	$10,474
Transfers (Internal and External)		$2,380	$2,357	$2,370	$2,450	$2,527	$2,632	$2,711	$2,792
ROI/Franchise Fee		$2,947	$3,224	$3,176	$3,177	$3,275	$3,333	$3,411	$3,480
Debt Service		$11,195	$12,638	$12,638	$12,663	$13,592	$12,798	$12,771	$11,534
TOTAL EXPENSE		**$42,348**	**$43,128**	**$42,345**	**$47,128**	**$47,930**	**$48,676**	**$48,166**	**$47,391**
Net Income		**-$1,049**	**$0**	**$392**	**($2,138)**	**($1,730)**	**($1,582)**	**($680)**	**$962**
Rate Increases		5.0%	0.0%	0.0%	-2.0%	0.0%	0.0%	0.0%	0.0%
FY 2017 Rate Increases		*5.0%*	*0.0%*	*0.0%*	*0.0%*	*2.0%*	*2.0%*	*2.0%*	--
Impact Fee SFE's	**Zone 1A - $3,100**	139	419	139	473	395	197	195	156
	Zone 1B - $3,900	1,110	559	1,270	632	628	787	595	406
	Zone 2 - $4,500	82	54	82	61	115	172	383	629
	Total	1,331	1,032	1,490	1,165	1,139	1,156	1,173	1,191
RESERVE BALANCES		**FY 2017**	**FY 2018**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**
Working Capital		$3,388	$3,450	$3,388	$3,770	$3,834	$3,894	$3,853	$3,791
Operating Reserve		$19,605	$16,527	$19,747	$16,976	$14,932	$13,291	$12,652	$13,676
Wrking Cptl + Op Reserve		**$22,993**	**$19,977**	**$23,135**	**$20,746**	**$18,767**	**$17,185**	**$16,505**	**$17,467**
Number of Working Days		198	169	199	161	143	129	125	135
Development Plan Lines		$250	$500	$500	$750	$1,000	$1,000	$1,000	$1,000
Impact Fee Reserve		$6,650	$5,250	$7,102	$5,620	$4,176	$2,743	$1,955	$1,308
Debt Coverage Ratio - 1.25		1.99	2.48	1.99	2.05	1.94	2.09	2.08	2.33
Wrking Cptl/ Op Reserve Target - 120 Days (33%)		**$13,975**	**$14,232**	**$13,974**	**$15,552**	**$15,817**	**$16,063**	**$15,895**	**$15,639**
Wrking Cptl/ Op Reserve Target - 180 Days (50%)		**$21,174**	**$21,564**	**$21,172**	**$23,564**	**$23,965**	**$24,338**	**$24,083**	**$23,696**
Net Revenue w/Rate Increase	1%			$322	$326	$336	$342	$349	$356
	Rate Adjustment				-2%	0%	0%	0%	0%

WATER FUND
RESOURCE & 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	$ 223,638	$ 175,000	$ 174,000	$ 247,000	$ 263,000	$ 246,000
Water Sales Residential	17,504,928	19,550,225	18,585,215	19,106,287	19,688,953	20,178,464
Water Sales Commercial	15,707,766	17,016,173	16,575,408	16,504,322	17,057,729	17,220,094
Water for Resale	1,301,603	553,406	1,719,330	1,168,296	1,184,289	1,200,760
Other Water	1,381,159	759,832	748,099	767,349	778,205	789,021
Cost of Service - General Fund	356,263	366,019	338,389	435,223	444,376	453,726
Cost of Service - Electric	398,550	480,674	374,204	474,500	483,381	492,444
Cost of Service - Wastewater	400,765	435,114	439,368	457,694	468,653	479,883
Cost of Service - Solid Waste	24,120	36,262	26,982	128,734	131,442	134,206
Other Transfers	-	-	-	-	-	-
Impact Fee Revenue Utilization	4,000,000	3,755,404	3,755,404	5,700,000	5,700,000	5,900,000
TOTAL REVENUES	$ 41,298,792	$ 43,128,109	$ 42,736,399	$ 44,989,405	$ 46,200,028	$ 47,094,598
Use of Reserves			-	-	-	-
TOTAL RESOURCES	$ 41,298,792	$ 43,128,109	$ 42,736,399	$ 44,989,405	$ 46,200,028	$ 47,094,598

EXPENDITURES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROPOSED	2020-21 PROPOSED
Water Administration	$ 1,081,917	$ 1,335,033	$ 1,408,943	$ 1,734,717	$ 1,779,311	$ 1,806,647
Utility Administration	1,268,757	1,572,432	1,454,878	1,650,965	1,684,589	1,718,925
Water Production	6,977,503	13,023,627	12,696,242	13,745,323	14,647,491	16,863,134
Water Distribution	13,163,528	5,454,595	5,069,576	7,853,693	6,678,076	5,721,060
Water Metering	2,158,141	2,415,131	2,417,231	2,458,987	2,531,714	2,608,736
Water Laboratory	670,777	587,161	578,479	862,005	663,953	629,742
Misc. (Debt Service, Transfers, etc.)	17,027,403	18,740,130	18,719,240	18,822,123	19,944,495	19,312,713
TOTAL EXPENDITURES	$ 42,348,026	$ 43,128,109	$ 42,344,589	$ 47,127,813	$ 47,929,629	$ 48,660,957

WATER 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
Water Administration	10.50	9.50	11.00	9.00	9.00	9.00
Water Production	37.00	37.00	37.00	38.00	38.00	38.00
Water Distribution	28.00	28.00	28.00	28.00	31.00	31.00
Water Metering	16.50	16.50	16.50	16.50	16.50	16.50
Water Laboratory	5.00	5.00	5.00	5.00	5.00	5.00
Utilities Administration	9.00	9.00	9.00	9.00	9.00	9.00
TOTAL PERSONNEL	106.00	105.00	106.50	105.50	108.50	108.50

WATER FUND
EXPENDITURES BY CLASSIFICATION
FY 2018-19

EXPENDITURES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROPOSED	2020-21 PROPOSED
Purchased Power	$ 1,221,663	$ 1,600,000	$ 1,561,851	$ 1,431,895	$ 1,503,490	$ 1,578,665
Purchased Water	-	-	-	3,000	3,060	3,121
Personal Services	6,758,581	8,370,593	7,925,456	8,855,034	9,372,979	9,555,769
Materials & Supplies	1,169,137	1,325,614	1,290,976	1,408,230	1,436,395	1,465,118
Maintenance & Repairs	1,446,725	1,556,322	1,371,558	1,594,203	1,626,087	1,658,607
Insurance	67,537	182,800	179,420	223,433	228,536	233,759
Return on Investment	1,213,302	1,327,607	1,316,982	1,314,119	1,354,821	1,378,592
Franchise Fee	1,733,289	1,896,582	1,859,180	1,862,649	1,920,648	1,954,458
Miscellaneous	311,243	334,578	330,769	384,510	391,399	398,427
Operations	1,113,362	1,667,554	1,441,841	1,691,305	1,726,352	1,760,042
Debt Service	11,195,411	12,638,094	12,638,094	12,662,613	13,592,414	12,797,867
Administrative Transfer - General Fund	944,418	890,659	890,659	917,379	944,900	973,247
Other Transfers	2,380,204	2,357,263	2,370,400	2,449,944	2,526,686	2,631,614
Transfer to Capital Projects	12,793,154	8,980,443	9,167,403	12,329,500	11,301,862	12,286,971
TOTAL EXPENDITURES	$ 42,348,026	$ 43,128,109	$ 42,344,589	$ 47,127,813	$ 47,929,629	$ 48,676,257

PERSONNEL Full Time Equivalents (FTE)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROPOSED	2020-21 PROPOSED
Regular	102.00	102.00	103.50	103.50	106.50	106.50
Temporary/Seasonal	4.00	3.00	3.00	2.00	2.00	2.00
TOTAL PERSONNEL	106.00	105.00	106.50	105.50	108.50	108.50

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	from FY18	from FY18
6002	0	PRODUCTION POWER	1,398,275	1,295,189	1,221,663	1,600,000	1,561,851	1,431,895	-12%	(168,105)
6024	0	PRODUCTION FUEL-DIESEL	-	-	-	-	-	-		
		Production Power	**1,398,275**	**1,295,189**	**1,221,663**	**1,600,000**	**1,561,851**	**1,431,895**	-12%	(168,105)
6051	0	PURCHASED WATER	68,198	-	-	-	-	3,000		
		Total Purchased Water	**68,198**	**-**	**-**	**-**	**-**	**3,000**		
6101	0	SALARY AND WAGES	3,508,644	4,116,181	4,285,444	5,418,349	5,121,977	5,837,094	7%	418,745
6101	0023	TEMPORARY/SEASONAL	529,467	30,495	37,619	73,320	73,320	50,440	-45%	(22,880)
6110	0	CIVILIAN OVERTIME	198,380	228,785	211,928	357,610	334,885	365,974	2%	8,364
6112	0	CIVILIAN LONGEVITY	36,380	39,248	39,696	44,284	42,744	45,044	2%	760
6119	0	CAR ALLOWANCE	7,625	5,800	12,125	12,000	12,000	12,000	0%	-
6123	0	CELL PHONE ALLOWANCE	9,233	9,914	10,375	10,920	11,000	12,240	11%	1,320
6142	0	FICA	264,863	316,070	326,346	448,062	413,581	476,687	6%	28,625
6142	0023	FICA - TEMPORARY	41,225	2,333	2,878	-	-	-	0%	-
6143	0	TMRS	767,414	772,833	797,734	1,021,468	974,099	1,096,491	7%	75,023
6150	0	HEALTH/MEDICAL INSURANCE	1,113,080	1,108,987	1,012,239	1,542,573	1,490,799	1,573,119	2%	30,546
6156	0	LIFE INSURANCE	9,769	3,699	2,603	3,089	2,828	3,329	7%	240
6158	0	LONG-TERM DISABILITY	12,361	6,340	5,294	6,993	5,623	7,560	8%	567
6162	0	WORKER'S COMP	42,784	48,760	13,620	35,303	34,246	15,831	-123%	(19,472)
6195	0	SALARY ADJUSTMENT	-	-	-	219,124	133,353	221,909	1%	2,785
6196	0	SALARY SAVINGS	-	-	-	(175,000)	(75,000)	(115,000)	-52%	60,000
6198	0	LABOR CHARGE BACK	325,744	446,489	595,544	-	-	-	0%	-
6199	0	CAPITAL LABOR	(325,657)	(445,588)	(594,865)	(647,502)	(650,000)	(747,684)	13%	(100,182)
		Personal Services	**6,541,314**	**6,690,347**	**6,758,581**	**8,370,593**	**7,925,456**	**8,855,034**	5%	484,441

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	from FY18	from FY18
6302		OFFICE SUPPLIES	29,654	32,710	31,018	35,722	35,722	35,563	0%	(159)
6304		COPY CHARGES	9,431	8,385	6,247	12,482	10,600	11,382	-10%	(1,100)
6305		COPY CHARGES REPRO	5,166	4,538	6,548	9,855	8,450	9,855	0%	-
6306		COPIER SUPPLIES	-	-	-	510	510	510	0%	-
6308		POSTAGE	4,990	3,598	4,216	6,005	5,280	5,812	-3%	(193)
6312		UNIFORMS	17,512	14,086	22,283	23,279	21,600	23,479	1%	200
6314		PROTECTIVE CLOTHING	29,913	30,207	36,656	36,165	34,850	35,565	-2%	(600)
6322		COMPUTER FORMS & SUPPLIES	22,756	15,548	22,122	7,700	7,250	7,100	-8%	(600)
6324		COMPUTER PAPER	-	-	-	250	250	250	0%	-
6330		BOOKS & MAGAZINES	317	1,608	3,152	3,770	3,100	3,670	-3%	(100)
6332		SMALL TOOLS & INSTRUMENTS	91,041	68,211	78,113	91,430	86,300	89,348	-2%	(2,082)
6334		CHEMICALS	702,203	793,878	808,903	893,300	879,300	979,507	9%	86,207
6336		MEDICAL SUPPLIES	900	1,515	1,121	1,691	1,100	1,709	1%	18
6338		BOTANICALS	4,736	-	-	5,000	4,500	5,000	0%	-
6340		FREIGHT	767	5,184	5,384	8,506	6,850	8,335	-2%	(171)
6342		JANITORIAL SUPPLIES	4,434	3,654	4,288	6,713	6,100	7,075	5%	362
6346		MECHANICAL ELECTRICAL	24,001	36,939	39,358	25,000	25,000	40,000	38%	15,000
6360		BACTERIOLOGICAL	20,867	25,106	15,131	27,500	33,000	33,000	17%	5,500
6362		GLASSWARE	453	210	385	1,051	750	1,072	2%	21
6372		OUTSIDE SUPPLIES	2,619	2,100	1,230	5,800	1,229	550	-955%	(5,250)
6374		RADIO SUPPLIES	186	-	376	2,550	1,500	2,500	-2%	(50)
6386		DOCUMENT PRINTING	20	-	-	350	100	50	-600%	(300)
6388		LABORATORY SUPPLIES	45,965	43,271	35,862	42,410	42,410	42,482	0%	72
6390		OTHER/MISC MATERIALS	-	-	-	500	250	-	0%	(500)
6391		FURNITURE & FIXTURES	9,104	463	11,842	21,200	20,150	20,034	-6%	(1,166)
6392		OFFICE MACHINES	4,779	6,565	13,143	23,125	23,125	13,882	-67%	(9,243)
6393		MACHINES AND EQUIPMENT	2,328	865	5,844	8,400	6,400	5,400	-56%	(3,000)
6394		MISCELLANEOUS EQUIPMENT	3,302	2,388	15,916	25,350	25,300	25,100	-1%	(250)
		Materials & Supplies	**1,037,444**	**1,101,030**	**1,169,137**	**1,325,614**	**1,290,976**	**1,408,230**	6%	82,616
6502		FURNITURE & FIXTURES	408	-	333	5,520	3,550	4,520	-22%	(1,000)
6504		OFFICE MACHINES	25,258	32,754	46,708	56,002	55,408	81,994	32%	25,992
6506		MACHINERY & EQUIPMENT	151,334	164,054	214,559	206,800	203,250	205,835	0%	(965)
6508		OTHER	94,349	60,647	74,835	100,400	98,000	95,400	-5%	(5,000)
6512		BUILDING & EQUIPMENT	72,694	59,933	89,663	90,800	79,550	87,854	-3%	(2,946)
6514		SIDEWALKS & GROUNDS	23,468	12,956	2,370	15,000	15,000	15,000	0%	-
6516		STREETS, CURBS & GUTTERS	404,293	342,053	493,971	347,000	347,000	347,000	0%	-
6523		SYSTEM REPAIR MATERIALS	173,921	276,609	208,273	197,000	197,000	197,000	0%	-
6525		GENERATING MACHINERY	201,345	149,125	150,287	220,000	200,000	220,000	0%	-
6526		ACCESSORY ELECTRICAL EQUIPMENT	27,493	52,844	69,765	65,000	70,000	70,000	7%	5,000
6536		RADIO EQUIPMENT	35,583	33,093	38,595	34,800	34,800	36,600	5%	1,800
6542		UNDERGROUND DISTRIBUTION SYSTEM	6,050	-	8,725	10,000	10,000	10,000	0%	-
6544		PLUMBING REPAIRS	4,767	4,468	7,223	8,000	8,000	8,000	0%	-
6545		OUTSIDE CONTRACTED SERVICES	39,953	24,424	41,417	50,000	50,000	65,000	23%	15,000
6548		WATER TANKS	-	-	-	150,000	-	150,000	0%	-
		Maintenance & Repair	**1,260,916**	**1,212,959**	**1,446,725**	**1,556,322**	**1,371,558**	**1,594,203**	2%	37,881

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	from FY18	from FY18
6704	0	FIRE & EXTENDED COVERAGE INSURANCE	76,694	77,509	27,756	88,247	88,247	95,836	8%	7,589
6706	0	GENERAL & AUTO LIABILITY	101,223	111,923	39,781	94,553	91,173	127,597	26%	33,044
		Insurance	**177,917**	**189,432**	**67,537**	**182,800**	**179,420**	**223,433**	18%	40,633
6802	0	COST ALLOCATION TRANSFER	-	-	-	-	-	-	0%	-
6804	0	RETURN ON INVESTMENT TRANSFER	1,099,858	1,173,001	1,213,302	1,327,607	1,316,982	1,314,119	-1%	(13,488)
6806	0	FRANCHISE FEE	1,571,226	1,675,715	1,733,289	1,896,582	1,859,180	1,862,649	-2%	(33,933)
		Administrative Costs	**2,671,084**	**2,848,716**	**2,946,591**	**3,224,189**	**3,176,162**	**3,176,768**	-1%	(47,421)
7702	0	AWARDS	10,193	11,779	9,714	13,753	11,536	13,810	0%	57
7704	0	COUNCIL & BOARD EXPENSES	16	-	300	1,000	-	1,000	0%	-
7708	0	CITY ORDINANCE SUPPLEMENT	-	-	-	500	-	500	0%	-
7710		CUSTOMER ENERGY INCENTIVE	23,050	35,590	37,105	-	35,000	40,000	100%	40,000
7710	0015	OTHER REBATES	190,471	198,624	198,500	200,000	250,000	250,000	20%	50,000
7710		TREE REBATES	-	-	-	-	-	-	0%	-
7726	0	PHYSICAL ASSESSMENT	-	-	-	125	50	-	0%	(125)
7729	0	CHAMBER OF COMMERCE	24,982	28,836	31,683	33,000	31,683	33,000	0%	-
7762		MISC COMMUNITY SERVICE	45,439	39,300	31,822	83,700	-	43,700	-92%	(40,000)
		Miscellaneous	**294,151**	**314,128**	**309,124**	**332,078**	**328,269**	**382,010**	13%	49,932

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	from FY18	from FY18
7802		HIRE OF EQUIPMENT	3,273	12,675	10,188	25,200	23,500	25,200	0%	-
7804		LICENSES	58,599	43,645	44,018	48,600	48,300	49,150	1%	550
7805		STATE/REGULATORY FEES	196,169	239,947	303,109	360,226	261,700	410,126	12%	49,900
7806		DUES & PUBLICATIONS	29,299	31,901	15,868	40,140	38,300	40,590	1%	450
7810		LAUNDRY SERVICE	-	-	-	612	-	612	0%	-
7818		EMPLOYEE RECRUITMENT	3,309	1,822	849	4,601	2,151	4,501	-2%	(100)
7820		EMPLOYEE TRAINING	4,640	5,832	9,242	19,550	18,150	19,320	-1%	(231)
7830		BAD DEBT EXPENSE	106,113	-	3	91,000	105,000	89,000	-2%	(2,000)
7832		INTEREST UTILITY DEPOSIT	514	1,010	3,031	1,500	1,500	1,500	0%	-
7833		DRAINAGE FEE	7,011	7,011	7,011	7,500	7,500	7,500	0%	-
7837		IMPACT FEE IN-KIND SERVICES	-	-	-	5,000	-	5,000	0%	-
7842		GAS, OIL & DIESEL	132,047	101,860	140,515	199,520	181,150	159,300	-25%	(40,220)
7844		VEHICLE MAINTENANCE	281,474	277,637	334,013	303,266	299,766	282,701	-7%	(20,565)
7854		CONSULTANT FEES	27,359	54,407	30,504	199,200	141,500	169,200	-18%	(30,000)
7855		ENVIORNMENTAL COMPLIANCE	-	-	2,320	2,000	-	2,000	0%	-
7856		ATTNY FEES - LITIGATION EXP	-	-	-	40,000	30,000	105,000	62%	65,000
7860		ENGINEERING SUBLEDGER CHARGES	76,937	21,203	35,924	60,000	45,000	60,000	0%	-
7866		COLLECTION EXPENSE	-	-	-	-	-	-	0%	-
7868		TEMPORARY SERVICES	-	-	-	2,000	-	2,000	0%	-
7872		FEES	-	-	-	-	-	-	0%	-
7877		PHONE SERVICES	1,525	1,250	-	1,515	1,515	-	0%	(1,515)
7879		OUTSIDE CONTRACT SERVICES	64,424	98,760	51,093	80,000	80,000	80,000	0%	-
7882		BANK DEPOSITORY	-	920	525	-	250	500	100%	500
7883		PLUS ONE EXPENDITURES	-	-	-	-	-	-	0%	-
7884		LOCK BOX	-	-	-	-	-	-	0%	-
7887		COURIER SERVICE	-	-	-	500	-	250	-100%	(250)
7888		DRUG SCREEN	4,292	2,978	515	4,002	3,377	-	0%	(4,002)
7890		MEDICAL SERVICES	-	-	642	500	500	500	0%	-
7898		LAB TESTING	24,082	24,424	19,264	23,500	18,500	23,605	0%	105
7899		OUTSIDE CONTRACT SERVICES	1,234	945	1,528	1,330	1,250	1,330	0%	-
7902		TRAVEL EXPENSES	7,184	5,980	11,562	23,412	19,862	24,354	4%	942
7904		COUNCIL & BOARD MEALS	2,000	689	802	1,750	1,200	1,750	0%	-
7908		SCHOOLS & SEMINARS	10,340	13,452	14,506	39,969	32,689	39,255	-2%	(714)
7912		ADVERTISING	635	50	187	4,000	2,700	3,500	-14%	(500)
7920		RENTS & LEASES	-	-	-	-	-	-	0%	-
7921		RENT OF VEHICLE	-	-	811	1,000	1,000	1,000	0%	-
7932		GAS SERVICE	3,821	1,273	1,784	4,500	4,000	4,500	0%	-
7934	392471	ELECTRICAL SERVICE	8,200	9,042	4,774	8,300	6,250	8,300	0%	-
7936		WATER & WASTEWATER SERVICE	8,930	12,604	13,054	9,500	9,500	9,500	0%	-
7938		SOLID WASTE COLLECTION	32,218	35,087	42,943	45,300	45,300	44,300	-2%	(1,000)
7942		TELEPHONE - FIXED COST	18,219	1,285	1,462	500	500	1,500	67%	1,000
7944		TELEPHONE - LONG DISTANCE	229	-	-	750	300	550	-36%	(200)
7946		TELE/MOBIL/PAGER	9,201	10,304	11,312	7,311	9,631	13,911	47%	6,600
		Operations	**1,123,279**	**1,017,995**	**1,113,362**	**1,667,554**	**1,441,841**	**1,691,305**	1%	23,751

Water Utility Budget Summary

OBJECT CODE	SUB Ledger	DESCRIPTION	2014-15 Actual	2015-16 Actual	2016-17 Actual	2017-18 Budget	2017-18 Estimate	2018-19 Proposed	from FY18	from FY18
8106	0	FISCAL AGENT FEE	2,369	3,769	2,118	2,500	2,500	2,500	0%	-
		Interest Expenses & Fiscal Changes	**2,369**	**3,769**	**2,118**	**2,500**	**2,500**	**2,500**	0%	-
8301	0001	DEBT SERVICE TRANSFER - GENERAL FUND	5,651,818	7,543,408	11,195,411	12,638,094	12,638,094	12,662,613	0%	24,519
8301	0002	DEBT SERVICE TRANSFER - UTILITY	8,180,544	5,899,847	-	-	-	-	0%	-
		Debt Service Transfer	**13,832,362**	**13,443,255**	**11,195,411**	**12,638,094**	**12,638,094**	**12,662,613**	0%	24,519
8402		ADMINISTRATIVE TRANSFER	999,514	913,013	944,418	890,659	890,659	917,379	3%	26,720
8404		TRSFR TO ELECTRIC FUND	615,230	660,776	725,544	752,162	752,162	774,727	3%	22,565
8407		TRSFR TO SAFETY & TRAINING	86,423	91,388	98,560	97,152	97,152	100,067	3%	2,915
8408		TRSFR TO WASTEWATER FUND	131,476	135,420	139,483	-	-	-	0%	-
8411	0002	TRSFR TO CAP PROJ - WATER	6,493,802	8,017,469	11,572,536	8,268,658	8,497,358	11,687,715	29%	3,419,057
8411	0003	TRSFR TO PROJ - WW	27,825	17,500	170,000	-	-	-	0%	-
8411	0006	TRSFR TO VEHICLE REPLACEMENT	572,095	583,425	521,725	494,825	494,825	494,825	0%	-
8411	0008	TRSFR TO ASSET MGMT STUDY	-	-	4,800	-	-	-	0%	-
8411	0009	TRSFR TO GENERAL FUND	-	-	173,657	-	-	-	0%	-
8411	0011	TRSFR TO CAP PROJ - AUCTION FUND	151,201	32,077	84,034	36,960	66,720	36,960	0%	-
8412		TRSFR TO FLEET	24,375	19,749	19,750	20,250	20,250	19,750	-3%	(500)
8416		TRSFR TO TECH SVCS	281,973	311,429	326,463	356,083	356,083	366,547	3%	10,464
8419	0023	TRSFR TO ST IMPR/Bond Sale Savings	87,264	164,314	199,540	199,540	199,540	199,540	0%	-
8419	0025	TRSFR TO ENGINEERING	77,845	77,845	77,845	85,233	85,233	87,790	3%	2,557
8421		TRSFR TO MATERIALS MANAGEMENT	156,158	113,654	102,934	101,714	114,734	118,176	14%	16,462
8426		TRSFR TO CUSTOMER SERVICE	620,611	614,144	690,086	745,129	745,246	783,347	5%	38,218
		Interfund Transfers	**10,325,792**	**11,752,204**	**15,851,374**	**12,048,365**	**12,319,962**	**15,586,823**	23%	3,538,458
8505		PROPERTY & EQUIPMENT	-	5,496	-	-	-	-	0%	-
8525		INFRASTRUCTURE	-	-	34,941	-	-	-	0%	-
8535		MACHINERY & EQUIPMENT	16,100	33,458	184,060	140,000	68,500	70,000	-100%	(70,000)
8545		COMPUTERS & RELATED EQUIPMENT	-	14,600	47,402	40,000	40,000	40,000	0%	-
		Fixed Assets	**16,100**	**53,554**	**266,402**	**180,000**	**108,500**	**110,000**		
		Total Water Utility	**38,749,201**	**39,922,578**	**42,348,026**	**43,128,109**	**42,344,589**	**47,127,813**	8%	3,999,704
			-	-	-	-	-	-		
		Total Less "Locked Costs"	**5,165,149**	**4,965,531**	**5,489,938**	**6,629,268**	**6,070,695**	**6,586,542**	-0.6%	(42,726)

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
640700	Drainage	Trailer, Flat	DR9942	$7,500		Recovery
640700	Drainage	Refuse Truck- rollover	DR9971	$50,000		Recovery
640700	Drainage	Truck, 2 T,Ut	DR0966	$60,000		Recovery
640700	Drainage	Backhoe	DR1049	$110,000		Recovery
640750	Watershed	Truck, 1/2T			$30,000	Recovery
			Wastewater Utility subtotal:	**$1,019,500**	**$30,000**	

UTILITIES - WATER
WATER ADMINISTRATION

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Transfer In	$ 49,308	$ -	$ -	$ -	$ -	$ -
Transfer from Wastewater	108,755	-	-	175,555	180,822	186,247
Water System Resources	923,854	1,335,033	1,408,943	1,559,162	1,598,489	1,620,400
TOTAL RESOURCES	$ 1,081,917	$ 1,335,033	$ 1,408,943	$ 1,734,717	$ 1,779,311	$ 1,806,647

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 786,301	$ 820,068	$ 920,068	$ 1,209,008	$ 1,233,189	$ 1,257,853
Material & Supplies	14,089	26,875	21,100	16,850	17,187	17,530
Maintenance & Repair	14,635	28,900	19,700	21,050	21,471	21,900
Insurance	3,768	11,352	11,352	13,748	14,023	14,303
Miscellaneous	34,539	36,691	34,951	36,604	37,336	38,083
Operations	83,968	306,821	221,746	330,686	337,300	344,048
Capital Outlay	63,049	5,150	80,850	5,150	14,150	5,150
Other Transfers	81,568	99,176	99,176	101,621	104,655	107,780
TOTAL EXPENDITURES	$ 1,081,917	$ 1,335,033	$ 1,408,943	$ 1,734,717	$ 1,779,311	$ 1,806,647

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	9.00	8.00	8.00	8.00
Temporary/Seasonal	3.00	2.00	2.00	1.00	1.00	1.00
TOTAL PERSONNEL	10.50	9.50	11.00	9.00	9.00	9.00

MAJOR BUDGET CHANGES

Elimination of .5 FTE in FY 2018 Estimate - Admin Asst II
Elimination of 1.00 Temporary FTE in FY 2018
Moved 2 FTE 's to new HBU
Added an Asst Director of Water & WW in FY18
Added an Superintendant of Water & WW in FY18
*Estimate as of May, 2018

UTILITIES - WATER
MISCELLANEOUS

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Water System Resources	$ 15,978,168	$ 18,740,130	$ 19,110,933	$ 16,683,715	$ 18,214,894	$ 17,746,354
TOTAL RESOURCES	$ 15,978,168	$ 18,740,130	$ 19,110,933	$ 16,683,715	$ 18,214,894	$ 17,746,354

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Return on Investment	$ 1,213,302	$ 1,327,607	$ 1,316,982	$ 1,314,119	$ 1,354,821	$ 1,378,592
Franchise Fee	1,733,289	1,896,582	1,859,180	1,862,649	1,920,648	1,954,458
Debt Service	11,195,411	12,638,094	12,638,094	12,662,613	13,592,414	12,797,867
Administrative Transfer to General Fund	855,011	809,690	809,690	833,981	859,000	884,770
Other Transfers	2,030,387	1,977,157	1,990,177	2,059,761	2,125,612	2,219,326
Bad Debt Expense	3	91,000	105,000	89,000	92,000	93,000
TOTAL EXPENDITURES	$ 17,027,403	$ 18,740,130	$ 18,719,123	$ 18,822,123	$ 19,944,495	$ 19,328,013

BALANCE OF REVENUES	($1,049,234.82)	$0	$391,810	($2,138,408)	($1,729,601)	($1,581,659)

*Estimate as of May, 2018

UTILITIES - WATER
UTILITY ADMINISTRATION

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Water System Resources	$ 253,502	$ 370,255	$ 391,827	$ 303,333	$ 309,713	$ 316,230
Rebates	$ 198,624	$ 200,000	$ 200,000	$ 250,000	$ 255,000	$ 260,100
Electric Fund Transfer	398,550	480,674	374,204	$ 474,500	483,381	492,444
Wastewater Fund Transfer	230,568	277,507	260,232	$ 268,541	274,189	279,957
Drainage Transfer	56,538	41,715	63,244	$ 40,634	41,489	42,362
Solid Waste Fund Transfer	24,120	36,262	26,982	$ 128,734	131,442	134,206
Non Utility Transfer	305,479	366,019	338,389	$ 435,223	444,376	453,726
TOTAL RESOURCES	$ 1,268,757	$ 1,572,432	$ 1,454,878	$ 1,650,965	$ 1,684,590	$ 1,718,925

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 799,072	$ 1,017,749	$ 936,077	$ 1,039,322	$ 1,060,107	$ 1,081,308
Material & Supplies	13,158	17,994	16,291	17,994	18,354	18,719
Maintenance & Repair	80	1,020	500	1,020	1,040	1,060
Insurance	2,815	8,436	5,056	11,305	11,531	11,762
Miscellaneous	268,470	286,269	285,000	336,269	342,194	348,237
Operations	41,505	92,010	63,000	91,760	93,596	95,467
Transfer to General Fund	89,407	80,969	80,969	83,398	85,900	88,477
Transfers to Capital Projects	2,000	3,500	3,500	3,500	3,500	3,500
Other Transfers	52,251	64,485	64,485	66,397	68,367	70,395
TOTAL EXPENDITURES	$ 1,268,757	$ 1,572,432	$ 1,454,878	$ 1,650,965	$ 1,684,589	$ 1,718,925

PERSONNEL (Full Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	8.00	8.00	8.00	8.00	8.00	8.00
Temporary/Seasonal	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PERSONNEL	9.00	9.00	9.00	9.00	9.00	9.00

MAJOR BUDGET CHANGES

*Estimate as of May, 2018

UTILITIES - WATER
WATER PRODUCTION

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Water System Resources	$ 6,977,503	$ 13,023,627	$ 12,696,242	$ 13,745,323	$ 14,647,491	$ 16,863,134
TOTAL RESOURCES	$ 6,977,503	$ 13,023,627	$ 12,696,242	$ 13,745,323	$ 14,647,491	$ 16,863,134

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 2,692,001	$ 3,159,237	$ 3,011,051	$ 3,281,471	$ 3,407,101	$ 3,475,244
Material & Supplies	987,615	1,083,500	1,061,000	1,179,875	1,203,473	1,227,542
Maintenance & Repair	496,171	736,700	569,450	742,300	757,146	772,289
Insurance	38,856	96,445	96,445	106,311	108,437	110,606
Miscellaneous	3,257	4,700	4,700	4,700	4,794	4,890
Operations	536,409	653,550	552,250	703,450	717,519	731,868
Purchased Power	1,221,663	1,600,000	1,561,851	1,431,895	1,503,490	1,578,665
Purchased Water	-	-	-	3,000	3,060	3,121
Capital Outlay	902,426	5,590,560	5,740,560	6,190,560	6,837,800	8,851,240
Other Transfers	99,105	98,935	98,935	101,761	104,671	107,669
TOTAL EXPENDITURES	$ 6,977,503	$ 13,023,627	$ 12,696,242	$ 13,745,323	$ 14,647,491	$ 16,863,134

PERSONNEL (Full Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	37.00	37.00	37.00	38.00	38.00	38.00
Temporary/Seasonal	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL PERSONNEL	37.00	37.00	37.00	38.00	38.00	38.00

MAJOR BUDGET CHANGES

Adding 1 FTE in FY 2019 - Electronic Tech.

*Estimate as of May, 2018

UTILITIES - WATER
WATER DISTRIBUTION

RESOURCES	2016-2017 ACTUAL	2017-2018 BUDGET	2017-2018 ESTIMATE*	2018-2019 PROPOSED	2019-2020 PROJECTED	2020-21 PROJECTED
Transfer from Wastewater	$ 65,294	$ 68,425	$ 68,425	$ 70,030	$ 72,131	$ 74,295
Water System Resources	13,098,234	5,386,170	5,001,151	7,783,663	6,605,945	5,646,765
TOTAL RESOURCES	$ 13,163,528	$ 5,454,595	$ 5,069,576	$ 7,853,693	$ 6,678,076	$ 5,721,060

EXPENDITURE SUMMARY	2016-2017 ACTUAL	2017-2018 BUDGET	2017-2018 ESTIMATE*	2018-2019 PROPOSED	2019-2020 PROJECTED	2020-21 PROJECTED
Personal Services	$ 1,283,916	$ 1,904,370	$ 1,589,091	$ 1,863,334	$ 2,190,297	$ 2,237,983
Material & Supplies	68,918	74,150	71,200	74,150	75,633	77,145
Maintenance & Repair	806,246	657,200	654,200	655,400	668,508	681,879
Insurance	15,176	44,306	44,306	63,400	65,302	67,261
Miscellaneous	2,237	4,000	3,500	4,000	4,080	4,162
Operations	362,367	367,630	346,080	350,130	357,133	364,276
Capital Outlay	10,566,104	2,350,658	2,308,918	4,789,715	3,262,237	2,232,106
Other Transfers	58,564	52,281	52,281	53,564	54,886	56,248
TOTAL EXPENDITURES	$ 13,163,528	$ 5,454,595	$ 5,069,576	$ 7,853,693	$ 6,678,076	$ 5,721,060

PERSONNEL (Full Time Equivalents)	2016-2017 ACTUAL	2017-2018 BUDGET	2017-2018 ESTIMATE*	2018-2019 PROPOSED	2019-2020 PROJECTED	2020-21 PROJECTED
Regular	28.00	28.00	28.00	28.00	31.00	31.00
Temporary/Seasonal	-	-	-	-	-	-
TOTAL PERSONNEL	28.00	28.00	28.00	28.00	31.00	31.00

MAJOR BUDGET CHANGES

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

*Estimate as of May, 2018

UTILITIES - WATER
WATER METERING

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Water System Resources	$ 2,158,141	$ 2,415,131	$ 2,417,231	$ 2,458,987	$ 2,531,714	$ 2,608,736
TOTAL RESOURCES	$ 2,158,141	$ 2,415,131	$ 2,417,231	$ 2,458,987	$ 2,531,714	$ 2,608,736

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 817,517	$ 1,035,748	$ 1,035,748	$ 1,023,456	$ 1,035,073	$ 1,047,224
Material & Supplies	47,169	57,855	57,855	47,505	48,455	49,422
Maintenance & Repair	87,356	92,358	89,358	133,200	135,864	138,580
Insurance	5,532	18,114	18,114	22,994	23,454	23,923
Miscellaneous	2,152	2,300	2,000	2,300	2,346	2,393
Operations	83,934	139,350	141,750	108,950	111,129	113,353
Capital Outlay	1,075,200	1,026,200	1,029,200	1,076,200	1,129,800	1,187,000
Other Transfers	39,281	43,206	43,206	44,382	45,593	46,841
TOTAL EXPENDITURES	$ 2,158,141	$ 2,415,131	$ 2,417,231	$ 2,458,987	$ 2,531,714	$ 2,608,736

PERSONNEL (Full Time Equivalents)	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Regular	16.50	16.50	16.50	16.50	16.50	16.50
Temporary/Seasonal	-	-	-	-	-	-
TOTAL PERSONNEL	16.50	16.50	16.50	16.50	16.50	16.50

MAJOR BUDGET CHANGES

*Estimate as of May, 2018

UTILITIES - WATER
WATER LABORATORY

RESOURCES	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Water System Resources	$ 547,585	$ 453,694	$ 445,012	$ 727,518	$ 525,431	$ 487,065
Transfer in Wastewater	40,892	47,467	47,467	48,487	49,942	51,440
Bacteriological Testing Fees	82,300	86,000	86,000	86,000	88,580	91,237
TOTAL RESOURCES	$ 670,777	$ 587,161	$ 578,479	$ 862,005	$ 663,953	$ 629,742

EXPENDITURE SUMMARY	2016-17 ACTUAL	2017-18 BUDGET	2017-18 ESTIMATE*	2018-19 PROPOSED	2019-20 PROJECTED	2020-21 PROJECTED
Personal Services	$ 379,773	$ 433,421	$ 433,421	$ 438,443	$ 447,212	$ 456,157
Material & Supplies	38,189	65,240	63,530	71,856	73,293	74,760
Maintenance & Repair	42,237	40,144	38,350	41,233	42,058	42,899
Insurance	1,390	4,147	4,147	5,675	5,789	5,904
Miscellaneous	588	618	618	637	649	662
Operations	5,176	17,193	12,015	17,329	17,675	18,030
Capital Outlay	184,375	4,375	4,375	264,375	54,375	7,975
Other Transfers	19,048	22,023	22,023	22,458	22,902	23,355
TOTAL EXPENDITURES	$ 670,777	$ 587,161	$ 578,479	$ 862,005	$ 663,953	$ 629,742

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

MAJOR BUDGET CHANGES

*Estimate as of May, 2017

2019-2023 Capital Improvements Plan
Cash Requirements - Water

Group	Assignment Categories	2019	2020	2021	2022	2023	Total
002	002-BOOSTER STATION		$300,000.00	$4,150,000.00	$700,000.00		$5,150,000.00
003	003-BUILDING CONSTRUCTION	$1,300,000.00					$1,300,000.00
020	020-FIELD SERVICES REPLCE	$1,888,168.00	$1,514,325.00	$1,521,988.00	$1,424,919.00	$1,990,540.00	$8,339,940.00
024	024-MISC		$3,750,000.00	$3,750,000.00	$3,750,000.00	$3,750,000.00	$15,000,000.00
027	027-OFFICE FURN/COMPUTER/EQUIP		$50,000.00				$50,000.00
029	029-OVERSIZE LINES	$200,000.00	$200,000.00	$200,000.00	$200,000.00	$200,000.00	$1,000,000.00
036	036-REPLACE LINES	$4,205,000.00	$1,020,000.00				$5,225,000.00
042	042-TAPS,FIRE HYDS, METERS	$1,334,547.00	$1,393,832.00	$1,453,398.00	$1,513,250.00	$1,573,397.00	$7,268,424.00
043	043-TOOLS & EQUIPMENT	$270,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$310,000.00
045	045-TRANSMISSION LINES	$8,450,000.00	$2,050,000.00	$14,940,000.00		$3,000,000.00	$28,440,000.00
048	048-PLANT IMPROVEMENTS	$10,950,000.00	$14,000,000.00	$1,150,000.00	$16,750,000.00	$150,000.00	$43,000,000.00
050	050-VEHICLES	$611,000.00	$751,000.00	$331,000.00	$199,000.00	$554,000.00	$2,446,000.00
Grand Totals		**$29,208,715.00**	**$25,039,157.00**	**$27,506,386.00**	**$24,547,169.00**	**$11,227,937.00**	**$117,529,364.00**

	Aid in Construction	$258,047.00	$265,788.00	$273,762.00	$281,975.00	$290,434.00	$1,370,006.00
	Revenue	$16,050,668.00	$11,223,369.00	$11,792,624.00	$10,565,194.00	$10,737,503.00	$60,369,358.00
	Utility Bonds	$12,900,000.00	$13,550,000.00	$15,440,000.00	$13,700,000.00	$200,000.00	$55,790,000.00
Grand Totals		**$29,208,715.00**	**$25,039,157.00**	**$27,506,386.00**	**$24,547,169.00**	**$11,227,937.00**	**$117,529,364.00**

Water Required Bond Sale	**12,250,000**	**13,300,000**	**15,000,000**	**13,500,000**	**0**	**54,050,000**

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

FY	HBU	Project Type	Group	Project Title	Aid in Construction	Revenue	Utility Bonds	Total
2019	630001-Water-Administration	Replacement	003-BUILDING CONSTRUCTION	Service Center Renovation			$1,300,000	$1,300,000
				630001 Subtotal:			**$1,300,000**	**$1,300,000**
	630100-Water-Production	Improved Service	048-PLANT IMPROVEMENTS	LLWTP Solids Handling		$6,000,000		$6,000,000
		Replacement	048-PLANT IMPROVEMENTS	Lake Lewisville WTP Upgrade Phase II		$2,000,000		$2,000,000
				Performance and Regulatory Upgrade of RRWTP			$1,450,000	$1,450,000
				Lake Ray Roberts WTP Zebra Mussel Control			$1,500,000	$1,500,000
			050-VEHICLES	Vehicles - Water Production		$79,000		$79,000
				630100 Subtotal:		**$8,079,000**	**$2,950,000**	**$11,029,000**
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$258,047			$258,047
			045-TRANSMISSION LINES	Allred to John Paine Road Transmission Line			$3,600,000	$3,600,000
		Improved Service	045-TRANSMISSION LINES	North South Water Main - Phase 3			$4,850,000	$4,850,000
		Replacement	020-FIELD SERVICES REPLCE	FY 18-19 Field Service Replacements		$1,888,168		$1,888,168
			036-REPLACE LINES	Bonnie Brae- I35 to Scripture		$790,000		$790,000
				Ruddell Extension at Mingo Road Utility Relocation		$730,000		$730,000
				McKinney Street Widening - Loop 288 to Grissom Rd		$1,050,000		$1,050,000
				Hercules Lane		$435,000		$435,000
				Windsor		$1,200,000		$1,200,000
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$51,500		$51,500
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$435,000		$435,000
				630200 Subtotal:	**$258,047**	**$6,589,668**	**$8,650,000**	**$15,497,715**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,025,000		$1,025,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$97,000		$97,000
				630300 Subtotal:		**$1,122,000**		**$1,122,000**
	630500-Water-Laboratory	Replacement	043-TOOLS & EQUIPMENT	Inductively Coupled Plasma Mass Spectrometer (ICP-		$260,000		$260,000
				630500 Subtotal:		**$260,000**		**$260,000**
				2019 Subtotal:	**$258,047**	**$16,050,668**	**$12,900,000**	**$29,208,715**

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

FY	HBU	Project Type	Group	Project Title	Aid in Construction	Revenue	Utility Bonds	Total
2020	630100-Water-Production	Growth	002-BOOSTER STATION	Riney Road Booster Pump Station			$300,000	$300,000
		Improved Service	048-PLANT IMPROVEMENTS	Dredging of LLWTP Sludge Lagoon		$3,000,000		$3,000,000
		Replacement	024-MISC	Lake Lewisville Dam Safety Modifications			$3,750,000	$3,750,000
			045-TRANSMISSION LINES	Lake Lewisville Preliminary Transmission Study II		$150,000		$150,000
				Lake Lewisville Trans Pipeline Assessment II		$600,000		$600,000
			048-PLANT IMPROVEMENTS	Performance and Regulatory Upgrade of RRWTP		$3,000,000	$8,000,000	$11,000,000
			050-VEHICLES	Vehicles - Water Production		$90,000		$90,000
				630100 Subtotal:		**$6,840,000**	**$12,050,000**	**$18,890,000**
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$265,788			$265,788
			045-TRANSMISSION LINES	Northwest Transmission Lines			$1,300,000	$1,300,000
		Replacement	020-FIELD SERVICES REPLCE	FY 19-20 Field Service Replacements		$1,514,325		$1,514,325
			036-REPLACE LINES	Bonnie Brae-380 to Windsor		$500,000		$500,000
				Bonnie Brae-Scripture to 380		$520,000		$520,000
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$53,044		$53,044
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$481,000		$481,000
				630200 Subtotal:	**$265,788**	**$3,078,369**	**$1,500,000**	**$4,844,157**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,075,000		$1,075,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$150,000		$150,000
				630300 Subtotal:		**$1,225,000**		**$1,225,000**
	630500-Water-Laboratory	Replacement	027-OFFICE FURN/COMPUTER/EQUIP	Sample Storage Walk-in Refrigerator Vault		$50,000		$50,000
			050-VEHICLES	Vehicles - Water Laboratory		$30,000		$30,000
				630500 Subtotal:		**$80,000**		**$80,000**
				2020 Subtotal:	**$265,788**	**$11,223,369**	**$13,550,000**	**$25,039,157**
2021	630100-Water-Production	Growth	002-BOOSTER STATION	Riney Road Booster Pump Station			$4,150,000	$4,150,000
		Improved Service	048-PLANT IMPROVEMENTS	RRWTP 1000 HP VFD		$100,000		$100,000
		Replacement	024-MISC	Lake Lewisville Dam Safety Modifications			$3,750,000	$3,750,000
			045-TRANSMISSION LINES	Lake Lewisville Raw Water Transmission Line II		$7,600,000	$3,000,000	$10,600,000
			048-PLANT IMPROVEMENTS	Disinfection Conversion for RRWTP		$1,050,000		$1,050,000
			050-VEHICLES	Vehicles - Water Production		$70,000		$70,000
				630100 Subtotal:		**$8,820,000**	**$10,900,000**	**$19,720,000**

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

FY	HBU	Project Type	Group	Project Title	Aid in Construction	Revenue	Utility Bonds	Total
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$273,762			$273,762
			045-TRANSMISSION LINES	Northwest Transmission Lines			$4,340,000	$4,340,000
		Replacement	020-FIELD SERVICES REPLCE	FY 20-21 Field Service Replacements		$1,521,988		$1,521,988
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$54,636		$54,636
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$231,000		$231,000
				630200 Subtotal:	**$273,762**	**$1,817,624**	**$4,540,000**	**$6,631,386**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,125,000		$1,125,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$30,000		$30,000
				630300 Subtotal:		**$1,155,000**		**$1,155,000**
				2021 Subtotal:	**$273,762**	**$11,792,624**	**$15,440,000**	**$27,506,386**
2022	630100-Water-Production	Growth	002-BOOSTER STATION	Southwest Booster Pump Station Pump Addition		$700,000		$700,000
			048-PLANT IMPROVEMENTS	Design of Lake Ray Roberts 30MGD Expansion			$9,000,000	$9,000,000
		Improved Service	048-PLANT IMPROVEMENTS	RRWTP 1000 HP VFD			$750,000	$750,000
		Replacement	024-MISC	Lake Lewisville Dam Safety Modifications			$3,750,000	$3,750,000
			048-PLANT IMPROVEMENTS	Disinfection Conversion for RRWTP		$7,000,000		$7,000,000
			050-VEHICLES	Vehicles - Water Production		$12,000		$12,000
				630100 Subtotal:		**$7,712,000**	**$13,500,000**	**$21,212,000**
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$281,975			$281,975
		Replacement	020-FIELD SERVICES REPLCE	FY 21-22 Field Service Replacements		$1,424,919		$1,424,919
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$56,275		$56,275
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			050-VEHICLES	Vehicles - Water Distribution		$27,000		$27,000
				630200 Subtotal:	**$281,975**	**$1,518,194**	**$200,000**	**$2,000,169**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,175,000		$1,175,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$160,000		$160,000
				630300 Subtotal:		**$1,335,000**		**$1,335,000**
				2022 Subtotal:	**$281,975**	**$10,565,194**	**$13,700,000**	**$24,547,169**
2023	630100-Water-Production	Replacement	024-MISC	Lake Lewisville Dam Safety Modifications		$3,750,000		$3,750,000
			048-PLANT IMPROVEMENTS	Decommissioning McKenna Park Booster Station		$150,000		$150,000
			050-VEHICLES	Vehicles - Water Production		$107,000		$107,000
				630100 Subtotal:		**$4,007,000**		**$4,007,000**

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

FY	HBU	Project Type	Group	Project Title	Aid in Construction	Revenue	Utility Bonds	Total
	630200-Water-Distribution	Growth	029-OVERSIZE LINES	Oversize Waterlines			$200,000	$200,000
			042-TAPS,FIRE HYDS, METERS	Water Taps and Loops	$290,434			$290,434
		Replacement	020-FIELD SERVICES REPLCE	FY 22-23 Field Service Replacements		$1,990,540		$1,990,540
			042-TAPS,FIRE HYDS, METERS	Fire Hydrant Replacements		$57,963		$57,963
			043-TOOLS & EQUIPMENT	Miscellaneous Equipment		$10,000		$10,000
			045-TRANSMISSION LINES	Condition Assessment of SW & Eastside Tran Lines		$3,000,000		$3,000,000
			050-VEHICLES	Vehicles - Water Distribution		$380,000		$380,000
				630200 Subtotal:	**$290,434**	**$5,438,503**	**$200,000**	**$5,928,937**
	630300-Water- Metering	Growth	042-TAPS,FIRE HYDS, METERS	Water Meter Installations		$1,225,000		$1,225,000
		Replacement	050-VEHICLES	Vehicles - Water Metering		$67,000		$67,000
				630300 Subtotal:		**$1,292,000**		**$1,292,000**
				2023 Subtotal:	**$290,434**	**$10,737,503**	**$200,000**	**$11,227,937**
				Grand Totals:	**$1,370,006**	**$60,369,358**	**$55,790,000**	**$117,529,364**