Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2016

	MUD 1 Residential	Commercial	Commercial (Solana)	Apartments	Summit Median	Master District Commercial	Out of District Water Sales	PID Residential	Total
Projected Revenue									
Meter Charge Total									
3/4" - 5/8"	$ 429,093	$ 4,455	$ 343	$ 34,785	$ -	$ -	$ 394	$ 699	$ 469,770
1"	94,673	5,182	451	-	225	-	-	285,859	386,389
1.5"	363	2,850	-	-	-	-	-	727	3,940
2"	-	28,735	8,210	-	-	-	-	2,617	39,562
3"	-	2,638	8,794	-	-	-	-	-	11,433
4"	-	12,624	4,208	-	-	-	-	-	16,832
6"	-	2,711	-	-	-	-	-	-	2,711
8"	-	-	-	-	-	-	-	-	-
Total	$ 524,130	$ 59,194	$ 22,006	$ 34,785	$ 225	$ -	$ 394	$ 289,901	$ 930,636
Volumetric Revenue									
0-6,000	$ 620,499	$ 23,074	$ 7,109	$ 41,592	$ 120	$ -	$ 420	$ 177,480	$ 870,293
6,001-17,000	733,209	37,569	13,797	4,683	58	-	477	251,733	1,041,526
17,001-25,000	288,554	24,363	10,190	6,390	-	-	214	105,449	435,160
25,001-50,000	327,223	61,511	31,595	-	-	-	149	128,532	549,009
50,001+	147,804	489,648	510,836	-	-	-	-	107,795	1,256,083
	$ 2,117,288	$ 636,165	$ 573,528	$ 52,665	$ 178	$ -	$ 1,259	$ 770,989	$ 4,152,072
Meter Charge Revenue	$ 524,130	$ 59,194	$ 22,006	$ 34,785	$ 225	$ -	$ 394	$ 289,901	$ 930,636
Volumetric Revenue	2,117,288	636,165	573,528	52,665	178	-	1,259	770,989	4,152,072
Total Revenue	$ 2,641,418	$ 695,360	$ 595,533	$ 87,450	$ 404	$ -	$ 1,653	$1,060,891	$ 5,082,707

Revenue Requirement	$ 5,074,600
Over/(Under) Recovery ($)	$ 8,108
Over/(Under) Recovery (%)	0 16%

TCMUD001323

Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2017

	MUD 1 Residential	Commercial	Commercial (Solana)	Apartments	Summit Median	Master District Commercial	Out of District Water Sales	PID Residential	Total
Rates									
Meter Charge									
3/4" - 5/8"	$ 14.28	$ 14.28	$ 14.28	$ 14.28	$ 14.28	$ -	$ 16.43	$ 14.28	
1"	18.77	18.77	18.77	18.77	18.77	-	21.59	18.77	
1.5"	29 68	29.68	29.68	29 68	29.68	-	34.13	29.68	
2"	42.76	42.76	42.76	42.76	42 76	-	49.18	42.76	
3"	73.29	73.29	73.29	73.29	73.29	-	84.27	73.29	
4"	116 89	116 89	116.89	116.89	116.89	-	134.43	116.89	
6"	225 89	225.89	225.89	225.89	225 89	-	259.78	225.89	
	-	-	-	-	-	-	-	-	
Volumetric Charge (per 1,000 gallons)									
0-6,000	$ 3.03	$ 3.03	$ 3.03	$ 3.03	$ 3.03	$ -	$ 3.49	$ 3.03	
6,001-17,000	3.53	3.53	3.53	3.53	3.53	-	4 06	3.53	
17,001-25,000	4.09	4.09	4.09	4.09	4.09	-	4.71	4.09	
25,001-50,000	4.75	4.75	4.75	4.75	4.75	-	5.46	4.75	
50,001+	5.52	5.52	5.52	5.52	5.52	-	6.35	5.52	
Billing Determinants									
Annual # of Meters									
3/4" - 5/8"	30,049	312	24	2,436	-	-	24	49	32,894
1"	5,043	276	24	-	12	-	-	15,227	20,581
1.5"	12	96	-	-	-	-	-	24	133
2"	-	672	192	-	-	96	-	61	1,021
3"	-	36	120	-	-	24	-	-	180
4"	-	108	36	-	-	-	-	-	144
6"	-	12	-	-	-	-	-	-	12
8"	-	-	-	-	-	-	-	-	-
Total	35,104	1,512	396	2,436	24	120	24	15,361	54,966
Volume (000, gallons)									
0-6,000	204,552	7,606	2,344	13,711	40	731	120	58,508	287,612
6,001-17,000	207,838	10,650	3,911	1,327	16	495	117	71,357	295,712
17,001-25,000	70,559	5,957	2,492	1,563	-	282	45	25,785	106,683
25,001-50,000	68,854	12,943	6,648	-	-	536	27	27,046	116,055
50,001+	26,794	88,763	92,603	-	-	4,111	-	19,541	231,812
	578,597	125,919	107,998	16,601	56	6,155	310	202,236	1,037,873
Total Volumes (000, gallons)	578,597	125,919	107,998	16,601	56	6,155	310	202,236	1,037,873

TCMUD001324

Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2017

	MUD 1 Residential	Commercial	Commercial (Solana)	Apartments	Summit Median	Master District Commercial	Out of District Water Sales	PID Residential	Total
Projected Revenue									
Meter Charge Total									
3/4" - 5/8"	$ 429,093	$ 4,455	$ 343	$ 34,785	$ -	$ -	$ 394	$ 699	$ 469,770
1"	94,673	5,182	451	-	225	-	-	285,859	386,389
1.5"	363	2,850	-	-	-	-	-	727	3,940
2"	-	28,735	8,210	-	-	-	-	2,617	39,562
3"	-	2,638	8,794	-	-	-	-	-	11,433
4"	-	12,624	4,208	-	-	-	-	-	16,832
6"	-	2,711	-	-	-	-	-	-	2,711
8"	-	-	-	-	-	-	-	-	-
Total	$ 524,130	$ 59,194	$ 22,006	$ 34,785	$ 225	$ -	$ 394	$ 289,901	$ 930,636
Volumetric Revenue									
0-6,000	$ 620,499	$ 23,074	$ 7,109	$ 41,592	$ 120	$ -	$ 420	$ 177,480	$ 870,293
6,001-17,000	733,209	37,569	13,797	4,683	58	-	477	251,733	1,041,526
17,001-25,000	288,554	24,363	10,190	6,390	-	-	214	105,449	435,160
25,001-50,000	327,223	61,511	31,595	-	-	-	149	128,532	549,009
50,001+	147,804	489,648	510,836	-	-	-	-	107,795	1,256,083
	$ 2,117,288	$ 636,165	$ 573,528	$ 52,665	$ 178	$ -	$ 1,259	$ 770,989	$ 4,152,072
Meter Charge Revenue	$ 524,130	$ 59,194	$ 22,006	$ 34,785	$ 225	$ -	$ 394	$ 289,901	$ 930,636
Volumetric Revenue	2,117,288	636,165	573,528	52,665	178	-	1,259	770,989	4,152,072
Total Revenue	$ 2,641,418	$ 695,360	$ 595,533	$ 87,450	$ 404	$ -	$ 1,653	$ 1,060,891	$ 5,082,707

Revenue Requirement	$ 5,166,201
Over/(Under) Recovery ($)	$ (83,494)
Over/(Under) Recovery (%)	-1 64%

Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2018

	MUD 1 Residential	Commercial	Commercial (Solana)	Apartments	Summit Median	Master District Commercial	Out of District Water Sales	PID Residential	Total
Rates									
Meter Charge									
3/4" - 5/8"	$ 14.28	$ 14.28	$ 14.28	$ 14.28	$ 14.28	$ -	$ 16.43	$ 14.28	
1"	18.77	18 77	18 77	18 77	18 77	-	21 59	18.77	
1.5"	29.68	29.68	29 68	29 68	29.68	-	34 13	29.68	
2"	42.76	42 76	42 76	42.76	42 76	-	49 18	42.76	
3"	73.29	73.29	73.29	73.29	73.29	-	84.27	73.29	
4"	116.89	116.89	116.89	116.89	116.89	-	134.43	116.89	
6"	225.89	225.89	225 89	225 89	225 89	-	259.78	225.89	
	-	-	-	-	-	-	-	-	
Volumetric Charge (per 1,000 gallons)									
0-6,000	$ 3.03	$ 3 03	$ 3 03	$ 3 03	$ 3 03	$ -	$ 3.49	$ 3.03	
6,001-17,000	3.53	3.53	3.53	3.53	3.53	-	4.06	3.53	
17,001-25,000	4.09	4 09	4 09	4 09	4.09	-	4.71	4.09	
25,001-50,000	4.75	4.75	4.75	4.75	4.75	-	5.46	4.75	
50,001+	5.52	5.52	5.52	5.52	5.52	-	6.35	5.52	
Billing Determinants									
Annual # of Meters									
3/4" - 5/8"	30,049	312	24	2,436	-	-	24	49	32,894
1"	5,043	276	24	-	12	-	-	15,227	20,581
1.5"	12	96	-	-	-	-	-	24	133
2"	-	672	192	-	-	96	-	61	1,021
3"	-	36	120	-	-	24	-	-	180
4"	-	108	36	-	-	-	-	-	144
6"	-	12	-	-	-	-	-	-	12
8"	-	-	-	-	-	-	-	-	-
	35,104	1,512	396	2,436	12	120	24	15,361	54,966
Volume (000, gallons)									
0-6,000	204,552	7,606	2,344	13,711	40	731	120	58,508	287,612
6,001-17,000	207,838	10,650	3,911	1,327	16	495	117	71,357	295,712
17,001-25,000	70,559	5,957	2,492	1,563	-	282	45	25,785	106,683
25,001-50,000	68,854	12,943	6,648	-	-	536	27	27,046	116,055
50,001+	26,794	88,763	92,603	-	-	4,111	-	19,541	231,812
	578,597	125,919	107,998	16,601	56	6,155	310	202,236	1,037,873
Total Volumes (000, gallons)	578,597	125,919	107,998	16,601	56	6,155	310	202,236	1,037,873

TCMUD001326

Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2018

	MUD 1 Residential	Commercial	Commercial (Solana)	Apartments	Summit Median	Master District Commercial	Out of District Water Sales	PID Residential	Total
Projected Revenue									
Meter Charge Total									
3/4" - 5/8"	$ 429,093	$ 4,455	$ 343	$ 34,785	$ -	$ -	$ 394	$ 699	$ 469,770
1"	94,673	5,182	451	-	225	-	-	285,859	386,389
1.5"	363	2,850	-	-	-	-	-	727	3,940
2"	-	28,735	8,210	-	-	-	-	2,617	39,562
3"	-	2,638	8,794	-	-	-	-	-	11,433
4"	-	12,624	4,208	-	-	-	-	-	16,832
6"	-	2,711	-	-	-	-	-	-	2,711
8"	-	-	-	-	-	-	-	-	-
Total	$ 524,130	$ 59,194	$ 22,006	$ 34,785	$ 225	$ -	$ 394	$ 289,901	$ 930,636
Volumetric Revenue									
0-6,000	$ 620,499	$ 23,074	$ 7,109	$ 41,592	$ 120	$ -	$ 420	$ 177,480	$ 870,293
6,001-17,000	733,209	37,569	13,797	4,683	58	-	477	251,733	1,041,526
17,001-25,000	288,554	24,363	10,190	6,390	-	-	214	105,449	435,160
25,001-50,000	327,223	61,511	31,595	-	-	-	149	128,532	549,009
50,001+	147,804	489,648	510,836	-	-	-	-	107,795	1,256,083
	$ 2,117,288	$ 636,165	$ 573,528	$ 52,665	$ 178	$ -	$ 1,259	$ 770,989	$ 4,152,072
Meter Charge Revenue	$ 524,130	$ 59,194	$ 22,006	$ 34,785	$ 225	$ -	$ 394	$ 289,901	$ 930,636
Volumetric Revenue	2,117,288	636,165	573,528	52,665	178	-	1,259	770,989	4,152,072
Total Revenue	$ 2,641,418	$ 695,360	$ 595,533	$ 87,450	$ 404	$ -	$ 1,653	$ 1,060,891	$ 5,082,707

Revenue Requirement	$ 5,402,062
Over/(Under) Recovery ($)	$ (319,355)
Over/(Under) Recovery (%)	-6 28%

Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2019

	MUD 1 Residential	Commercial	Commercial (Solana)	Apartments	Summit Median	Master District Commercial	Out of District Water Sales	PID Residential	Total
Rates									
Meter Charge									
3/4" - 5/8"	$ 14.28	$ 14.28	$ 14 28	$ 14.28	$ 14.28	$ -	$ 16 43	$ 14.28	
1"	18.77	18.77	18.77	18 77	18.77	-	21.59	18 77	
1.5"	29.68	29.68	29.68	29.68	29.68	-	34.13	29 68	
2"	42.76	42.76	42.76	42.76	42.76	-	49.18	42.76	
3"	73.29	73.29	73.29	73.29	73.29	-	84 27	73.29	
4"	116.89	116.89	116.89	116.89	116 89	-	134.43	116 89	
6"	225.89	225.89	225.89	225.89	225 89	-	259.78	225.89	
8"	-	-	-	-	-	-	-	-	
Volumetric Charge (per 1,000 gallons)									
0-6,000	$ 3.03	$ 3.03	$ 3.03	$ 3 03	$ 3 03	$ -	$ 3.49	$ 3.03	
6,001-17,000	3.53	3.53	3.53	3 53	3.53	-	4.06	3.53	
17,001-25,000	4.09	4 09	4 09	4.09	4.09	-	4.71	4.09	
25,001-50,000	4.75	4 75	4 75	4 75	4.75	-	5.46	4.75	
50,001+	5 52	5 52	5 52	5.52	5.52	-	6.35	5.52	
Billing Determinants									
Annual # of Meters									
3/4" - 5/8"	30,049	312	24	2,436	-	-	24	49	32,894
1"	5,043	276	24	-	12	-	-	15,227	20,581
1.5"	12	96	-	-	-	-	-	24	133
2"	-	672	192	-	-	96	-	61	1,021
3"	-	36	120	-	-	24	-	-	180
4"	-	108	36	-	-	-	-	-	144
6"	-	12	-	-	-	-	-	-	12
8"	-	-	-	-	-	-	-	-	-
	35,104	1,512	396	2,436	12	120	24	15,361	54,966
Volume (000, gallons)									
0-6,000	204,552	7,606	2,344	13,711	40	731	120	58,508	287,612
6,001-17,000	207,838	10,650	3,911	1,327	16	495	117	71,357	295,712
17,001-25,000	70,559	5,957	2,492	1,563	-	282	45	25,785	106,683
25,001-50,000	68,854	12,943	6,648	-	-	536	27	27,046	116,055
50,001+	26,794	88,763	92,603	-	-	4,111	-	19,541	231,812
	578,597	125,919	107,998	16,601	56	6,155	310	202,236	1,037,873
Total Volumes (000, gallons)	578,597	125,919	107,998	16,601	56	6,155	310	202,236	1,037,873

Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2019

	MUD 1 Residential	Commercial	Commercial (Solana)	Apartments	Summit Median	Master District Commercial	Out of District Water Sales	PID Residential	Total
Projected Revenue									
Meter Charge Total									
3/4" - 5/8"	$ 429,093	$ 4,455	$ 343	$ 34,785	$ -	$ -	$ 394	$ 699	$ 469,770
1"	94,673	5,182	451	-	225	-	-	285,859	386,389
1.5"	363	2,850	-	-	-	-	-	727	3,940
2"	-	28,735	8,210	-	-	-	-	2,617	39,562
3"	-	2,638	8,794	-	-	-	-	-	11,433
4"	-	12,624	4,208	-	-	-	-	-	16,832
6"	-	2,711	-	-	-	-	-	-	2,711
8"	-	-	-	-	-	-	-	-	-
Total	$ 524,130	$ 59,194	$ 22,006	$ 34,785	$ 225	$ -	$ 394	$ 289,901	$ 930,636
Volumetric Revenue									
0-6,000	$ 620,499	$ 23,074	$ 7,109	$ 41,592	$ 120	$ -	$ 420	$ 177,480	$ 870,293
6,001-17,000	733,209	37,569	13,797	4,683	58	-	477	251,733	1,041,526
17,001-25,000	288,554	24,363	10,190	6,390	-	-	214	105,449	435,160
25,001-50,000	327,223	61,511	31,595	-	-	-	149	128,532	549,009
50,001+	147,804	489,648	510,836	-	-	-	-	107,795	1,256,083
	$ 2,117,288	$ 636,165	$ 573,528	$ 52,665	$ 178	$ -	$ 1,259	$ 770,989	$ 4,152,072
Meter Charge Revenue	$ 524,130	$ 59,194	$ 22,006	$ 34,785	$ 225	$ -	$ 394	$ 289,901	$ 930,636
Volumetric Revenue	2,117,288	636,165	573,528	52,665	178	-	1,259	770,989	4,152,072
Total Revenue	$ 2,641,418	$ 695,360	$ 595,533	$ 87,450	$ 404	$ -	$ 1,653	$ 1,060,891	$ 5,082,707

Revenue Requirement	$ 5,657,666
Over/(Under) Recovery ($)	$ (574,959)
Over/(Under) Recovery (%)	-11.31%

TCMUD001329

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
Wastewater Revenue Requirement

Acct#	Account	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
	WASTEWATER					
	PERSONNEL SERVICES					
135-50005-020-000	Salaries & Wages	$ 307,875	$ 316,496	$ 325,357	$ 334,467	$ 343,832
135-50010-020-000	Overtime	24,500	25,186	25,891	26,616	27,361
135-50016-020-000	Longevity	5,617	5,774	5,936	6,102	6,273
135-50017-020-000	Certification	6,600	6,785	6,975	7,170	7,371
135-50020-020-000	Retirement	30,317	31,166	32,039	32,936	33,858
135-50026-020-000	Medical Insurance	56,244	57,819	59,438	61,102	62,813
135-50027-020-000	Dental Insurance	3,696	3,799	3,906	4,015	4,128
135-50028-020-000	Vision Insurance	912	938	964	991	1,019
135-50029-020-000	Life Insurance & Other	3,194	3,283	3,375	3,470	3,567
135-50030-020-000	Social Security Taxes	21,812	22,423	23,051	23,696	24,359
135-50035-020-000	Medicare Taxes	5,101	5,244	5,391	5,542	5,697
135-50040-020-000	Unemployment Taxes	1,242	1,277	1,313	1,349	1,387
135-50045-020-000	Workman's Compensation	16,020	16,469	16,930	17,404	17,891
135-50060-020-000	Pre-emp Physicals/Testing	300	308	317	326	335
135-50070-020-000	Employee Relations	650	668	687	706	726
	TOTAL PERSONNEL SERVICES	**$ 484,080**	**$ 497,634**	**$ 511,568**	**$ 525,892**	**$ 540,617**
	PROFESSIONAL & CONTRACTUAL SERVICES					
	Engineering	$ -	$ -	$ -	$ -	$ -
135-55070-020-000	Independent Labor	-	-	-	-	-
135-55080-020-000	Maintenance & Repairs	72,600	74,633	76,723	78,871	81,079
135-55090-020-000	Vehicle Maintenance	3,000	3,084	3,170	3,259	3,350
135-55100-020-000	Building Maint. & Supplies	-	-	-	-	-
135-55105-020-000	Maintenance-Backhoe/Skid Loader	500	514	528	543	558
135-55125-020-000	Dumpster Services	55,000	56,540	58,123	59,751	61,424
135-55135-020-000	Lab Analysis	25,000	25,700	26,420	27,159	27,920
	TOTAL PROFESSIONAL & CONTRACTUAL SERVICES	**$ 156,100**	**$ 160,471**	**$ 164,964**	**$ 169,583**	**$ 174,331**
	OPERATING EXPENDITURES					
135-60005-020-000	Telephone	$ -	$ -	$ -	$ -	$ -
135-60010-020-000	Communications/Pagers/Mobiles	4,662	4,793	4,927	5,065	5,206
135-60020-020-000	Electricity	139,292	153,221	168,543	185,398	203,937
135-60025-020-000	Water	-	-	-	-	-
135-60035-020-000	Postage	-	-	-	-	-
135-60066-020-000	Publications/Books/Subscripts	400	411	423	435	447
135-60080-020-000	Schools & Training	3,065	3,151	3,239	3,330	3,423
135-60090-020-000	Safety Program	550	565	581	598	614
135-60100-020-000	Travel & per diem	2,000	2,056	2,114	2,173	2,234
135-60105-020-000	Rent/Lease Equipment	7,500	7,710	7,926	8,148	8,376
135-60125-020-000	Advertising	-	-	-	-	-
135-60135-020-000	TCEQ Fees & Permits	10,466	10,759	11,060	11,370	11,688
NEW	Supplemental Environmental Project (ESP)	-	-	-	-	-
135-60245-020-000	Miscellaneous Expenses	550	565	581	598	614

Acct#	Account	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
135-60285-020-000	Lawn Equipment & Maintenance	500	514	528	543	558
135-60360-020-000	Furniture/Equipment	-	-	-	-	-
	TOTAL OPERATING EXPENDITURES	**$ 292,321**	**$ 307,082**	**$ 323,258**	**$ 340,991**	**$ 360,434**
	CONSUMABLE SUPPLIES					
135-65005-020-000	Fuel & Lube	$ 20,328	$ 20,897	$ 21,482	$ 22,084	$ 22,702
135-65010-020-000	Uniforms	2,778	2,856	2,936	3,018	3,102
135-65030-020-000	Chemicals	24,000	24,672	25,363	26,073	26,803
135-65035-020-000	Small Tools	1,500	1,542	1,585	1,630	1,675
135-65040-020-000	Safety Equipment	750	771	793	815	838
135-65045-020-000	Lab Supplies	13,000	13,364	13,738	14,123	14,518
135-65055-020-000	Hardware	-	-	-	-	-
135-65085-020-000	Office Supplies	-	-	-	-	-
135-65095-020-000	Maintenance Supplies	-	-	-	-	-
135-65115-020-000	Other Consumables	-	-	-	-	-
	TOTAL CONSUMABLE SUPPLIES	**$ 62,356**	**$ 64,102**	**$ 65,897**	**$ 67,742**	**$ 69,639**
	CAPITAL EXPENDITURES					
135-69005-020-000	Capital Expenses	$ 142,000	$ 309,000	$ 318,270	$ 327,818	$ 337,653
135-69008-020-000	Short Term Debt	-	-	-	-	-
135-69280-020-000	Capital Repairs	-	-	-	-	-
	TOTAL CAPITAL EXPENDITURES	**$ 142,000**	**$ 309,000**	**$ 318,270**	**$ 327,818**	**$ 337,653**
	TOTAL WASTEWATER EXPENDITURES	**$ 1,136,857**	**$ 1,338,289**	**$ 1,383,957**	**$ 1,432,026**	**$ 1,482,674**
	COLLECTION					
	PERSONNEL SERVICES					
135-50005-021-000	Salaries & Wages	$ -	$ -	$ -	$ -	$ -
135-50010-021-000	Overtime	-	-	-	-	-
135-50016-021-000	Longevity	-	-	-	-	-
135-50017-021-000	Certification	-	-	-	-	-
135-50020-021-000	Retirement	-	-	-	-	-
135-50026-021-000	Medical Insurance	-	-	-	-	-
135-50027-021-000	Dental Insurance	-	-	-	-	-
135-50028-021-000	Vision Insurance	-	-	-	-	-
135-50029-021-000	Life Insurance & Other	-	-	-	-	-
135-50030-021-000	Social Security Taxes	-	-	-	-	-
135-50035-021-000	Medicare Taxes	-	-	-	-	-
135-50040-021-000	Unemployment Taxes	-	-	-	-	-
135-50045-021-000	Workman's Compensation	-	-	-	-	-
135-50070-021-000	Employee Relations	-	-	-	-	-
	TOTAL PERSONNEL SERVICES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	PROFESSIONAL & CONTRACTUAL SVCS					
135-55005-021-000	Engineering	$ -	$ -	$ -	$ -	$ -
135-55070-021-000	Independent Labor	-	-	-	-	-

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
Wastewater Revenue Requirement

Acct#	Account	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
135-55080-021-000	Maintenance & Repairs	-	-	-	-	-
135-55090-021-000	Vehicle Maintenance	-	-	-	-	-
135-55100-021-000	Building Maint. & Supplies	-	-	-	-	-
135-60005-021-000	Telephone	-	-	-	-	-
	TOTAL PROFESSIONAL & CONTRACTUAL SVCS	$ -	$ -	$ -	$ -	$ -
	OPERATING EXPENDITURES					
135-60005-021-000	Telephone	$ -	$ -	$ -	$ -	$ -
135-60010-021-000	Communications/Pagers/Mobiles	-	-	-	-	-
135-60020-021-000	Electricity	-	-	-	-	-
135-60025-021-000	Water	-	-	-	-	-
135-60035-021-000	Postage	-	-	-	-	-
135-60070-021-000	Dues & Memberships	-	-	-	-	-
135-60080-021-000	Schools & Training	-	-	-	-	-
135-60090-021-000	Safety Program	-	-	-	-	-
135-60100-021-000	Travel & per diem	-	-	-	-	-
135-60105-021-000	Rent/Lease Equipment	-	-	-	-	-
135-60245-021-000	Miscellaneous Expenses	-	-	-	-	-
135-60280-021-000	Property Maintenance	-	-	-	-	-
	TOTAL OPERATING EXPENDITURES	$ -	$ -	$ -	$ -	$ -
	CONSUMABLE SUPPLIES					
135-65005-021-000	Fuel & Lube	$ -	$ -	$ -	$ -	$ -
135-65010-021-000	Uniforms	-	-	-	-	-
135-65030-021-000	Chemicals	-	-	-	-	-
135-65035-021-000	Small Tools	-	-	-	-	-
135-65040-021-000	Safety Equipment	-	-	-	-	-
135-65055-021-000	Hardware	-	-	-	-	-
135-65095-021-000	Maintenance Supplies	-	-	-	-	-
	TOTAL CONSUMABLE SUPPLIES	$ -	$ -	$ -	$ -	$ -
	CAPITAL EXPENDITURES					
135-69005-021-000	Capital Expenses	$ -	$ -	$ -	$ -	$ -
135-69008-021-000	Short Term Debt	-	-	-	-	-
135-69035-021-000	Vehicles	-	-	-	-	-
135-69280-021-000	Capital Repairs	-	-	-	-	-
	TOTAL CAPITAL EXPENDITURES	$ -	$ -	$ -	$ -	$ -
	TOTAL COLLECTION EXPENDITURES	$ -	$ -	$ -	$ -	$ -
	BOARD OF DIRECTORS					
	PERSONNEL SERVICES					
135-50005-026-000	Salaries & Wages	$ 2,349	$ 3,507	$ 3,734	$ 3,790	$ 3,845
135-50030-026-000	Social Security Taxes	146	217	232	235	238
135-50035-026-000	Medicare Taxes	34	51	54	55	56
135-50040-026-000	Unemployment Taxes	54	81	86	87	88

Acct#	Account	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
135-50045-026-000	Workman's Compensation	8	13	13	14	14
	TOTAL PERSONNEL SERVICES	**$ 2,591**	**$ 3,869**	**$ 4,119**	**$ 4,181**	**$ 4,241**
	OPERATING EXPENDITURES					
135-60035-026-000	Postage	$ -	$ -	$ -	$ -	$ -
135-60066-026-000	Publications/Books/Subscripts	35	53	56	57	58
135-60070-026-000	Dues & Memberships	117	175	187	190	192
135-60075-026-000	Meetings	223	333	355	360	365
135-60080-026-000	Schools & Training	939	1,403	1,494	1,516	1,538
135-60100-026-000	Travel & per diem	998	1,491	1,587	1,611	1,634
135-60245-026-000	Miscellaneous Expenses	470	701	747	758	769
	TOTAL OPERATING EXPENDITURES	**$ 2,783**	**$ 4,156**	**$ 4,425**	**$ 4,491**	**$ 4,556**
	CONSUMABLE SUPPLIES					
135-65085-026-000	Office Supplies	$ -	$ -	$ -	$ -	$ -
	TOTAL CONSUMABLE SUPPLIES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	CAPITAL EXPENDITURES					
	TOTAL CAPITAL EXPENDITURES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	TOTAL BOARD OF DIRECTORS EXPENDITURES	**$ 5,374**	**$ 8,025**	**$ 8,544**	**$ 8,672**	**$ 8,798**
	ADMINISTRATION					
	PERSONNEL SERVICES					
135-50005-030-000	Salaries & Wages	$ 140,735	$ 182,786	$ 192,388	$ 196,077	$ 199,782
135-50010-030-000	Overtime	299	388	409	417	424
135-50016-030-000	Longevity	982	1,275	1,342	1,367	1,393
135-50020-030-000	Retirement	12,612	16,380	17,241	17,571	17,903
135-50026-030-000	Medical Insurance	18,536	24,075	25,339	25,825	26,313
135-50027-030-000	Dental Insurance	1,344	1,745	1,837	1,872	1,907
135-50028-030-000	Vision Insurance	334	433	456	465	474
135-50029-030-000	Life Insurance & Other	1,295	1,683	1,771	1,805	1,839
135-50030-030-000	Social Security Taxes	8,866	11,515	12,120	12,352	12,585
135-50035-030-000	Medicare Taxes	2,188	2,841	2,990	3,048	3,105
135-50040-030-000	Unemployment Taxes	433	563	592	604	615
135-50045-030-000	Workman's Compensation	489	635	669	681	694
135-50060-030-000	Pre-emp Physicals/Testing	149	194	204	208	212
135-50070-030-000	Employee Relations	1,495	1,942	2,044	2,083	2,122
135-50075-030-000	Tuition Reimbursement	-	-	-	-	-
	TOTAL PERSONNEL SERVICES	**$ 189,756**	**$ 246,454**	**$ 259,401**	**$ 264,375**	**$ 269,370**
	PROFESSIONAL & CONTRACTUAL SERVICES					
135-55030-030-000	Software & Support	$ 36,365	$ 47,231	$ 49,712	$ 50,665	$ 51,623
135-55070-030-000	Independent Labor	9,731	12,639	13,303	13,558	13,814
135-55080-030-000	Maintenance & Repairs	1,345	1,747	1,839	1,874	1,910
135-55100-030-000	Building Maint & Supplies	1,943	2,524	2,657	2,707	2,759

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
Wastewater Revenue Requirement

Acct#	Account	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
135-55120-030-000	Cleaning Services	2,422	3,145	3,310	3,374	3,438
135-55160-030-000	Professional Outside Services	18,521	24,055	25,319	25,804	26,292
135-55161-030-000	Town Personnel Contract	7,824	10,162	10,696	10,901	11,107
135-55165-030-000	Collection Fees	60	78	82	83	85
135-55205-030-000	Utility Billing Contract	2,452	3,184	3,351	3,416	3,480
	TOTAL PROFESSIONAL & CONTRACTUAL SERVICES	**$ 80,664**	**$ 104,766**	**$ 110,269**	**$ 112,384**	**$ 114,507**
	OPERATING EXPENDITURES					
135-60005-030-000	Telephone	$ 3,994	$ 5,188	$ 5,460	$ 5,565	$ 5,670
135-60010-030-000	Communications/Pagers/Mobiles	1,213	1,575	1,658	1,690	1,722
135-60020-030-000	Electricity	3,588	4,986	5,615	6,124	6,677
135-60025-030-000	Water	448	582	613	625	637
135-60030-030-000	Rent And/or Usage	-	-	-	-	-
135-60035-030-000	Postage	8,521	11,067	11,648	11,871	12,096
135-60040-030-000	Bank Service Charges & Fees	9,567	12,426	13,078	13,329	13,581
135-60050-030-000	Bad Debt Expense	1,854	2,407	2,534	2,583	2,631
135-60055-030-000	Insurance	14,575	18,930	19,925	20,307	20,690
135-60066-030-000	Publications/Books/Subscripts	478	621	654	666	679
135-60070-030-000	Dues & Memberships	1,794	2,330	2,452	2,499	2,546
135-60075-030-000	Meetings	1,339	1,739	1,831	1,866	1,901
135-60080-030-000	Schools & Training	3,060	3,974	4,183	4,263	4,344
135-60100-030-000	Travel & per diem	1,614	2,097	2,207	2,249	2,292
135-60110-030-000	Physicals/Testing	60	78	82	83	85
135-60115-030-000	Elections	-	-	-	-	-
135-60125-030-000	Advertising	747	971	1,022	1,041	1,061
135-60130-030-000	Reg Assessment Fee (5%)	-	-	-	-	-
135-60235-030-000	Security	404	524	552	562	573
135-60245-030-000	Miscellaneous Expenses & DM Discretionary	5,232	6,795	7,152	7,289	7,427
135-60270-030-000	4th of July Celebration	2,990	3,883	4,087	4,165	4,244
135-60360-030-000	Furniture/Equipment < $5000	3,132	4,067	4,281	4,363	4,446
	TOTAL OPERATING EXPENDITURES	**$ 64,610**	**$ 84,241**	**$ 89,034**	**$ 91,142**	**$ 93,301**
	CONSUMABLE SUPPLIES					
135-65010-030-000	Uniforms	$ 555	$ 720	$ 758	$ 773	$ 787
135-65055-030-000	Hardware IT	10,532	13,678	14,397	14,673	14,950
135-65085-030-000	Office Supplies	2,691	3,495	3,678	3,749	3,820
135-65090-030-000	Printer Supplies & Maintenance	1,415	1,837	1,934	1,971	2,008
135-65095-030-000	Maintenance Supplies	1,495	1,942	2,044	2,083	2,122
135-65097-030-000	Vending Machine Supplies	60	78	82	83	85
135-65105-030-000	Printing	1,435	1,864	1,962	1,999	2,037
135-69170-030-000	Copier Lease Installments	1,266	1,645	1,731	1,764	1,798
135-69195-030-000	Gasb34/Reserve for Replacement IT	4,882	6,341	6,674	6,802	6,930
135-69005-030-000	Capital Outlays	18,536	23,419	23,978	23,772	23,561
	TOTAL CONSUMABLE SUPPLIES	**$ 42,866**	**$ 55,018**	**$ 57,237**	**$ 57,669**	**$ 58,099**
	TOTAL ADMINSTRATION EXPENDITURES	**$ 377,895**	**$ 490,478**	**$ 515,942**	**$ 525,570**	**$ 535,277**

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
Wastewater Revenue Requirement

Acct#	Account	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
	NON DEPARTMENTAL					
135-55045-039-000	Legal	$ 109,774	$ 163,934	$ 174,541	$ 177,150	$ 179,714
135-55055-039-000	Auditing	5,282	7,888	8,399	8,524	8,648
135-55060-039-000	Appraisal	2,349	3,507	3,734	3,790	3,845
135-55065-039-000	Tax Admin Fees	892	1,333	1,419	1,440	1,461
135-60344-039-000	Intergov Trans Out (Fire CIP)	-	-	-	-	-
	TOTAL NON DEPARTMENTAL	**$ 118,298**	**$ 176,662**	**$ 188,093**	**$ 190,905**	**$ 193,668**
	DEBT SERVICE EXPENSES					
533-70005-051-000	Paying Agent Fee	$ 1,480	$ 1,847	$ 2,053	$ 2,056	$ 2,050
533-70025-051-000	Bond Interest Expense-Tax	-	-	-	-	-
533-70035-051-000	Bond Principal Payment-Tax	-	-	-	-	-
533-70040-051-000	Bond Interest Expense-Rev Bonds	-	-	-	-	-
533-70045-051-000	Bond Principal Expense- Rev Bonds	-	-	-	-	-
	TOTAL DEBT SERVICE EXPENSES	**$ 612,201**	**$ 1,160,816**	**$ 1,295,382**	**$ 1,297,748**	**$ 1,302,180**
	TOTAL COST OF SERVICE	**$ 2,250,624**	**$ 3,174,270**	**$ 3,391,919**	**$ 3,454,921**	**$ 3,522,597**
	REVENUE OFFSETS					
	DEBT SERVICE REVENUES					
533-40000-000-000	Property Taxes	$ 109,449	$ 158,996	$ 164,674	$ 162,582	$ 160,444
533-40002-000-000	Property Taxes/Delinquent	587	853	883	872	861
533-40015-000-000	Property Taxes/P & I	376	546	565	558	551
533-48005-000-000	Reserve Funds from PID Utility Fees	3,288	4,777	4,947	4,884	4,820
533-49010-000-000	Interest Income	181	181	181	181	181
533-49015-000-000	Lease/Rental Income	49,750	72,272	74,852	73,902	72,930
533-49110-000-000	Premium on Bonds Sold	-	-	-	-	-
	TOTAL DEBT SERVICE REVENUES	**$ 365,875**	**$ 439,868**	**$ 448,347**	**$ 445,224**	**$ 442,030**
	GENERAL FUND REVENUES					
135-40000-000-000	Property Taxes	$ 39,423	$ 57,269	$ 59,314	$ 58,561	$ 57,791
135-40002-000-000	Property Taxes/Delinquent	-	-	-	-	-
135-40015-000-000	Property Taxes/P & I	211	307	318	314	310
135-40025-000-000	PID Surcharge	31,471	45,717	47,350	46,748	46,133
135-47000-000-000	Water	-	-	-	-	-
135-47005-000-000	Sewer	-	-	-	-	-
135-47020-000-000	Standby	-	-	-	-	-
135-47025-000-000	Penalties	18,789	27,294	28,269	27,910	27,543
135-47030-000-000	Service Charges	4,814	4,817	4,817	4,817	4,817
135-47035-000-000	Plumbing Inspections	470	682	707	698	689
135-47045-000-000	Sewer Inspections	5,000	5,000	5,000	5,000	5,000
135-47070-000-000	TCCC Effluent Charges	86,815	86,815	86,815	86,815	86,815
135-48005-000-000	Utility Fees	-	-	-	-	-
135-49005-000-000	Loan Proceeds	-	-	-	-	-

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
Wastewater Revenue Requirement

Acct#	Account	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
135-49010-000-000	Interest Income	2,407	2,409	2,409	2,409	2,409
135-49015-000-000	Fire Dept. Lease/Rental income	-	-	-	-	-
135-49016-000-000	Cell Tower Revenue	-	-	-	-	-
135-49018-000-000	Building Rent Income	3,370	3,372	3,372	3,372	3,372
135-49030-000-000	Vending Revenue	-	-	-	-	-
135-49035-000-000	Prior Year Reserves	-	-	-	-	-
135-49036-000-000	GASB Reserves	17,545	25,488	26,398	26,063	25,720
135-49075-000-000	Oversize Meter Reimbursement	-	-	-	-	-
135-49900-000-000	Miscellaneous Income	33,216	33,237	33,237	33,237	33,237
135-49901-000-000	Records Management	48	48	48	48	48
135-49905-000-000	Gas Well Revenue	-	-	-	-	-
	TOTAL GENERAL FUND REVENUES	**$ 253,020**	**$ 301,902**	**$ 307,500**	**$ 305,438**	**$ 303,329**
	TOTAL REVENUE OFFSETS	**$ 618,894**	**$ 741,770**	**$ 755,846**	**$ 750,662**	**$ 745,359**
	TOTAL REVENUE REQUIREMENT	**$ 1,631,730**	**$ 2,432,499**	**$ 2,636,073**	**$ 2,704,259**	**$ 2,777,238**

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
Wastewater Billing Determinants

Retail Billed Wastewater Flow (000s gallons)

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential					
Volumetric Charge (per 1,000 Gallons)	242,343	247,190	247,190	247,190	247,190
Total	242,343	247,190	247,190	247,190	247,190
Commercial					
Volumetric Charge (per 1,000 Gallons)	28,742	28,742	28,742	28,742	28,742
Total	28,742	28,742	28,742	28,742	28,742
Commercial (Solana)					
Volumetric Charge (per 1,000 Gallons)	42,294	42,294	42,294	42,294	42,294
Total	42,294	42,294	42,294	42,294	42,294
Apartments					
Volumetric Charge (per 1,000 Gallons)	12,196	12,196	12,196	12,196	12,196
Total	12,196	12,196	12,196	12,196	12,196
Commercial (Metered)					
Volumetric Charge (per 1,000 Gallons)		-	-	-	-
Total	0	0	0	0	0
Out of District Sales (Metered)					
Volumetric Charge (per 1,000 Gallons)	2,280	-	-	-	-
Total	2,280	0	0	0	0
Out of District Sales					
Volumetric Charge (per 1,000 Gallons)	-	-	-	-	-
Total	-	-	-	-	-
PID Residential					
Volumetric Charge (per 1,000 Gallons)	113,575	115,847	115,847	115,847	115,847
Total	113,575	115,847	115,847	115,847	115,847
Total Billed Flow (1,000 gallons)	441,430	446,268	446,268	446,268	446,268
	1,022,562				
	43%				

Connections (Annual)

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Annual Connections					
MUD 1 Residential	34,284	34,970	34,970	34,970	34,970
Commercial	732	732	732	732	732
Commercial (Solana)	252	252	252	252	252
Apartments	144	144	144	144	144
Commercial (Metered)	-	-	-	-	-
Out of District Sales (Metered)	-	-	-	-	-
Out of District Sales	-	-	-	-	-
PID Residential	14,700	14,994	14,994	14,994	14,994
Total Annual Wastewater Connections	50,112	51,092	51,092	51,092	51,092

Growth Assumptions

	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential	2 00%	0 00%	0 00%	0 00%
Commercial	0 00%	0 00%	0 00%	0 00%
Commercial (Solana)	0 00%	0 00%	0 00%	0 00%
Apartments	0 00%	0 00%	0 00%	0 00%
Commercial (Metered)	0 00%	0 00%	0 00%	0 00%
Out of District Sales (Metered)	0 00%	0 00%	0 00%	0 00%
Out of District Sales	0 00%	0 00%	0 00%	0 00%
PID Residential	2 00%	0 00%	0 00%	0 00%

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Sewer Revenue Under Current Rates
FY 2015

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 14.58	$ 14.58	$ 14.58	$ 14.58	$ 14.58	$ 16.77	$ 16.77	$ 14.58	
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2.88	$ 2.88	$ 2.50	
Billing Determinants									
Annual # of Meters	34,284	732	-	252	144	-	-	14,700	50,112
Billed Flow (000, gallons)	242,343	28,742	-	42,294	12,196	2,280	-	113,575	441,430
Projected Revenue									
Meter Charge Revenue	$ 499,861	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 214,326	$ 730,633
Volumetric Revenue	605,858	71,855	-	105,734	30,490	6,566	-	283,938	1,104,441
Total Revenue	$ 1,105,718	$ 82,527	$ -	$ 109,409	$ 32,590	$ 6,566	$ -	$ 498,264	$ 1,835,074

Revenue Requirement	$ 1,631,730
Over/(Under) Recovery ($)	$ 203,344
Over/(Under) Recovery (%)	11%

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Sewer Revenue Under Current Rates
FY 2016

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 14.58	$ 14.58	$ 14.58	$ 14.58	$ 14.58	$ 16.77	$ 16.77	$ 14.58	
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2 50	$ 2.88	$ 2.88	$ 2 50	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	247,190	28,742	-	42,294	12,196	-	-	115,847	446,268
Projected Revenue									
Meter Charge Revenue	$ 509,858	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 218,613	$ 744,917
Volumetric Revenue	617,975	71,855	-	105,734	30,490	-	-	289,616	1,115,670
Total Revenue	$ 1,127,833	$ 82,527	$ -	$ 109,409	$ 32,590	$ -	$ -	$ 508,229	$ 1,860,587

Revenue Requirement	$ 2,432,499
Over/(Under) Recovery ($)	$ (571,913)
Over/(Under) Recovery (%)	-31%

TCMUD001339

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Sewer Revenue Under Current Rates
FY 2017

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 14 58	$ 14.58	$ 14.58	$ 14.58	$ 14.58	$ 16.77	$ 16.77	$ 14.58	
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 2 50	$ 2.50	$ 2.50	$ 2.88	$ 2.88	$ 2.50	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	247,190	28,742	-	42,294	12,196	-	-	115,847	446,268
Projected Revenue									
Meter Charge Revenue	$ 509,858	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 218,613	$ 744,917
Volumetric Revenue	617,975	71,855	-	105,734	30,490	-	-	289,616	1,115,670
Total Revenue	$ 1,127,833	$ 82,527	$ -	$ 109,409	$ 32,590	$ -	$ -	$ 508,229	$ 1,860,587

Revenue Requirement	$ 2,636,073
Over/(Under) Recovery ($)	$ (775,486)
Over/(Under) Recovery (%)	-42%

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Sewer Revenue Under Current Rates
FY 2018

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 14.58	$ 14.58	$ 14.58	$ 14.58	$ 14 58	$ 16.77	$ 16.77	$ 14.58	
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2 50	$ 2 50	$ 2.50	$ 2.50	$ 2.88	$ 2.88	$ 2 50	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	247,190	28,742	-	42,294	12,196	-	-	115,847	446,268
Projected Revenue									
Meter Charge Revenue	$ 509,858	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 218,613	$ 744,917
Volumetric Revenue	617,975	71,855	-	105,734	30,490	-	-	289,616	1,115,670
Total Revenue	$ 1,127,833	$ 82,527	$ -	$ 109,409	$ 32,590	$ -	$ -	$ 508,229	$ 1,860,587

Revenue Requirement	$ 2,704,259
Over/(Under) Recovery ($)	$ (843,672)
Over/(Under) Recovery (%)	-45%

TCMUD001341

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Sewer Revenue Under Current Rates
FY 2019

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 14.58	$ 14.58	$ 14.58	$ 14.58	$ 14.58	$ 16.77	$ 16.77	$ 14 58	
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2 50	$ 2.50	$ 2 50	$ 2.50	$ 2.88	$ 2.88	$ 2.50	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	247,190	28,742	-	42,294	12,196	-	-	115,847	446,268
Projected Revenue									
Meter Charge Revenue	$ 509,858	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 218,613	$ 744,917
Volumetric Revenue	617,975	71,855	-	105,734	30,490	-	-	289,616	1,115,670
Total Revenue	$ 1,127,833	$ 82,527	$ -	$ 109,409	$ 32,590	$ -	$ -	$ 508,229	$ 1,860,587

Revenue Requirement	$ 2,777,238
Over/(Under) Recovery ($)	$ (916,651)
Over/(Under) Recovery (%)	-49%

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
User Defined Wastewater Rate Adjustments

Volumetric Rates (gallons)

Customer Class	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential						
0-18,000 Gallons	$ 2.50	$ 2.50	$ 3.28	$ 3.28	$ 3.28	$ 3.28
Commercial						
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 3.28	$ 3.28	$ 3.28	$ 3.28
Commercial (Solana)						
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 3.28	$ 3.28	$ 3.28	$ 3.28
Apartments						
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 3.28	$ 3.28	$ 3.28	$ 3.28
Commercial (Metered)						
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 3.28	$ 3.28	$ 3.28	$ 3.28
Out of District Sales (Metered)						
Volumetric Charge (per 1,000 Gallons)	$ 2.88	$ 2.88	$ 3.77	$ 3.77	$ 3.77	$ 3.77
Out of District Sales						
Volumetric Charge (per 1,000 Gallons)	$ 2.88	$ 2.88	$ 3.77	$ 3.77	$ 3.77	$ 3.77
PID Residential						
0-18,000 Gallons	$ 2.50	$ 2.50	$ 3.28	$ 3.28	$ 3.28	$ 3.28

Minimum Charge

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential	$ 14.58	$ 14.58	$ 19.10	$ 19.10	$ 19.10	$ 19.10
Commercial	$ 14.58	$ 14.58	$ 19.10	$ 19.10	$ 19.10	$ 19.10
Commercial (Solana)	$ 14.58	$ 14.58	$ 19.10	$ 19.10	$ 19.10	$ 19.10
Apartments	$ 14.58	$ 14.58	$ 19.10	$ 19.10	$ 19.10	$ 19.10
Commercial (Metered)	$ 14.58	$ 14.58	$ 19.10	$ 19.10	$ 19.10	$ 19.10
Out of District Sales (Metered)	$ 16.77	$ 16.77	$ 21.97	$ 21.97	$ 21.97	$ 21.97
Out of District Sales	$ 16.77	$ 16.77	$ 21.97	$ 21.97	$ 21.97	$ 21.97
PID Residential	$ 14.58	$ 14.58	$ 19.10	$ 19.10	$ 19.10	$ 19.10

Rate Adjustment Assumptions

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
0-18,000 Gallons	0.00%	31.00%	0.00%	0.00%	0.00%
Commercial	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
Volumetric Charge (per 1,000 Gallons)	0.00%	31.00%	0.00%	0.00%	0.00%
Commercial (Solana)	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
Volumetric Charge (per 1,000 Gallons)	0.00%	31.00%	0.00%	0.00%	0.00%
Apartments	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
Volumetric Charge (per 1,000 Gallons)	0.00%	31.00%	0.00%	0.00%	0.00%
Commercial (Metered)	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
Volumetric Charge (per 1,000 Gallons)	0.00%	31.00%	0.00%	0.00%	0.00%
Out of District Sales (Metered)	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
Volumetric Charge (per 1,000 Gallons)	0.00%	31.00%	0.00%	0.00%	0.00%
Out of District Sales	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
Volumetric Charge (per 1,000 Gallons)	0.00%	31.00%	0.00%	0.00%	0.00%
PID Residential	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
0-18,000 Gallons	0.00%	31.00%	0.00%	0.00%	0.00%
MUD 1 Residential	0.00%	31.00%	0.00%	0.00%	0.00%
Commercial	0.00%	31.00%	0.00%	0.00%	0.00%
Commercial (Solana)	0.00%	31.00%	0.00%	0.00%	0.00%
Apartments	0.00%	31.00%	0.00%	0.00%	0.00%
Commercial (Metered)	0.00%	31.00%	0.00%	0.00%	0.00%
Out of District Sales (Metered)	0.00%	31.00%	0.00%	0.00%	0.00%
Out of District Sales	0.00%	31.00%	0.00%	0.00%	0.00%
PID Residential	0.00%	31.00%	0.00%	0.00%	0.00%

Trophy Club MUD No. 1
Water and Wastewater Model
Sewer Revenue Under Current Rates
FY 2015

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 14.58	$ 14.58	$ 14.58	$ 14 58	$ 14.58	$ 16.77	$ 16.77	$ 14.58	
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2 50	$ 2.88	$ 2.88	$ 2.50	
Billing Determinants									
Annual # of Meters	34,284	732	-	252	144	-	-	14,700	50,112
Billed Flow (000, gallons)	242,343	28,742	-	42,294	12,196	2,280	-	113,575	441,430
Projected Revenue									
Meter Charge Revenue	$ 499,861	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 214,326	$ 730,633
Volumetric Revenue	605,858	71,855	-	105,734	30,490	6,566	-	283,938	1,104,441
Total Revenue	$ 1,105,718	$ 82,527	$ -	$ 109,409	$ 32,590	$ 6,566	$ -	$ 498,264	$ 1,835,074

Revenue Requirement	$ 1,631,730
Over/(Under) Recovery ($)	$ 203,344
Over/(Under) Recovery (%)	11%

Trophy Club MUD No. 1
Water and Wastewater Model
Sewer Revenue Under Current Rates
FY 2016

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 19.10	$ 19.10	$ 19.10	$ 19 10	$ 19.10	$ 21.97	$ 21 97	$ 19.10	
Volumetric Charge (per 1,000 Gallons)	$ 3.28	$ 3.28	$ 3.28	$ 3.28	$ 3.28	$ 3 77	$ 3 77	$ 3.28	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	247,190	28,742	-	42,294	12,196	-	-	115,847	446,268
Projected Revenue									
Meter Charge Revenue	$ 667,914	$ 13,981	$ -	$ 4,813	$ 2,750	$ -	$ -	$ 286,382	$ 975,841
Volumetric Revenue	809,547	94,130	-	138,512	39,942	-	-	379,397	1,461,528
Total Revenue	$ 1,477,461	$ 108,111	$ -	$ 143,325	$ 42,692	$ -	$ -	$ 665,780	$ 2,437,369

Revenue Requirement	$ 2,432,499
Over/(Under) Recovery ($)	$ 4,869
Over/(Under) Recovery (%)	0%

Trophy Club MUD No. 1
Water and Wastewater Model
Sewer Revenue Under Current Rates
FY 2017

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 19.10	$ 19.10	$ 19.10	$ 19.10	$ 19.10	$ 21.97	$ 21.97	$ 19.10	
Volumetric Charge (per 1,000 Gallons)	$ 3.28	$ 3.28	$ 3.28	$ 3 28	$ 3.28	$ 3.77	$ 3.77	$ 3.28	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	247,190	28,742	-	42,294	12,196	-	-	115,847	446,268
Projected Revenue									
Meter Charge Revenue	$ 667,914	$ 13,981	$ -	$ 4,813	$ 2,750	$ -	$ -	$ 286,382	$ 975,841
Volumetric Revenue	809,547	94,130	-	138,512	39,942	-	-	379,397	1,461,528
Total Revenue	$ 1,477,461	$ 108,111	$ -	$ 143,325	$ 42,692	$ -	$ -	$ 665,780	$ 2,437,369

Revenue Requirement	$ 2,636,073
Over/(Under) Recovery ($)	$ (198,704)
Over/(Under) Recovery (%)	-8%

Trophy Club MUD No. 1
Water and Wastewater Model
Sewer Revenue Under Current Rates
FY 2018

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 19.10	$ 19.10	$ 19.10	$ 19.10	$ 19.10	$ 21.97	$ 21.97	$ 19 10	
Volumetric Charge (per 1,000 Gallons)	$ 3 28	$ 3.28	$ 3.28	$ 3.28	$ 3 28	$ 3.77	$ 3.77	$ 3.28	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	247,190	28,742	-	42,294	12,196	-	-	115,847	446,268
Projected Revenue									
Meter Charge Revenue	$ 667,914	$ 13,981	$ -	$ 4,813	$ 2,750	$ -	$ -	$ 286,382	$ 975,841
Volumetric Revenue	809,547	94,130	-	138,512	39,942	-	-	379,397	1,461,528
Total Revenue	$ 1,477,461	$ 108,111	$ -	$ 143,325	$ 42,692	$ -	$ -	$ 665,780	$ 2,437,369

Revenue Requirement	$ 2,704,259
Over/(Under) Recovery ($)	$ (266,890)
Over/(Under) Recovery (%)	-11%

TCMUD001347

Trophy Club MUD No. 1
Water and Wastewater Model
Sewer Revenue Under Current Rates
FY 2019

	MUD 1 Residential	Commercial	Commercial (Metered)	Commercial (Solana)	Apartments	Out of District Sales (Metered)	Out of District Sales	PID Residential	Total
Rates									
Minimum Charge									
All Meter Sizes	$ 19 10	$ 19.10	$ 19.10	$ 19 10	$ 19.10	$ 21.97	$ 21 97	$ 19.10	
Volumetric Charge (per 1,000 Gallons)	$ 3.28	$ 3.28	$ 3 28	$ 3 28	$ 3.28	$ 3.77	$ 3 77	$ 3.28	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	247,190	28,742	-	42,294	12,196	-	-	115,847	446,268
Projected Revenue									
Meter Charge Revenue	$ 667,914	$ 13,981	$ -	$ 4,813	$ 2,750	$ -	$ -	$ 286,382	$ 975,841
Volumetric Revenue	809,547	94,130	-	138,512	39,942	-	-	379,397	1,461,528
Total Revenue	$ 1,477,461	$ 108,111	$ -	$ 143,325	$ 42,692	$ -	$ -	$ 665,780	$ 2,437,369

Revenue Requirement	$ 2,777,238
Over/(Under) Recovery ($)	$ (339,869)
Over/(Under) Recovery (%)	-14%

TCMUD001348

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
Water CIP Input

Base Year for Current Costs	FY 2015
Cost Escalation Factor	3.00%

Project Description	Project Reference Number	Priority Ranking	Funding Fiscal Year	Estimated Current Cost	Estimated Future Cost	Funding Plan ($) Cash	Reserves	Debt
			2015	$ -	$ -	$ -		$ -
GPS System			2015	10,100	10,100	10,100		-
1 ton truck			2015	43,000	43,000	43,000		-
					-	-		-
10 Valves $6500 each			2015	65,000	65,000	65,000		-
Fort Worth Water Line			2015	838,924	838,924	838,924		-
12 in valve at water plant			2015	13,810	13,810	13,810		-
Pin Oaks (Streets)			2015	80,156	80,156	80,156		-
Timber Line Ct (Streets)			2015	31,250	31,250	31,250		-
Pebble Beach (Streets)			2015	197,500	197,500	197,500		-
TW King EST Drain Line and Valve			2015	25,960	25,960	25,960		-
Water Supply Feasiblility Study with Westlake			2015	32,600	32,600	32,600		-
SUV			2015	20,000	20,000	20,000		-
Hardware			2015	42,000	42,000	42,000		-
6"water line replacement on Campus Circle			2015	19,297	19,297	19,297		-
Water Line Study			2015	100,000	100,000	100,000	-	-
Capital Projects			2016	300,000	309,000	309,000	-	-
Capital Projects			2017	300,000	318,270	318,270	-	-
Capital Projects			2018	300,000	327,818	327,818	-	0
Capital Projects			2019	300,000	337,653	337,653	-	(0)
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
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Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
TOTAL				**$ 2,719,597**	**$ 2,812,338**	**$ 2,812,338**	**$ -**	**$ (0)**

TCMUD001349

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
Wastewater CIP Input

Base Year for Current Costs	FY 2015
Cost Escalation Factor	3.00%

Project Description	Project Reference Number	Priority Ranking	Funding Fiscal Year	Estimated Current Cost	Estimated Future Cost	Funding Plan ($) Cash	Reserves	Debt
Wastewater Treatment Expansion		1	2015	$ 14,995,000	14,995,000	$ -	$ -	$ 14,995,000
Crane Truck Bed			2015	30,000	30,000	30,000	-	-
Force Main Upgrade Lift#2			2015	112,000	112,000	112,000	-	-
Capital Projects			2016	300,000	309,000	309,000	-	-
Capital Projects			2017	300,000	318,270	318,270	-	-
Capital Projects			2018	300,000	327,818	327,818	-	0
Capital Projects			2019	300,000	337,653	337,653	-	(0)
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
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Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Subtotals				**$ 16,337,000**	**$ 16,429,741**	**$ 1,434,741**	**$ -**	**$ 14,995,000**

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
CIP Funding Plan and Debt Service

Funding Plan Summary	Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year 6 FY 2020	Year 7 FY 2021	Year 8 FY 2022	Year 9 FY 2023	Year 10 FY 2024
WATER										
Cash	$ 1,519,597	$ 309,000	$ 318,270	$ 327,818	$ 337,653	$ -	$ -	$ -	$ -	$ -
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	0	(0)	-	-	-	-	-
TOTAL	**$ 1,519,597**	**$ 309,000**	**$ 318,270**	**$ 327,818**	**$ 337,653**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
WASTEWATER										
Cash	$ 142,000	$ 309,000	$ 318,270	$ 327,818	$ 337,653	$ -	$ -	$ -	$ -	$ -
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	14,995,000	-	-	0	(0)	-	-	-	-	-
TOTAL	**$ 15,137,000**	**$ 309,000**	**$ 318,270**	**$ 327,818**	**$ 337,653**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL CIP FUNDING										
Cash	$ 1,661,597	$ 618,000	$ 636,540	$ 655,636	$ 675,306	$ -	$ -	$ -	$ -	$ -
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	14,995,000	-	-	0	(1)	-	-	-	-	-
TOTAL	**$ 16,656,597**	**$ 618,000**	**$ 636,540**	**$ 655,636**	**$ 675,305**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Existing Debt Service (P&I)	% Water	% Sewer	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Series 2010 Bonds	50 00%	50.00%	143,733	146,283	148,658	150,858	147,883	149,908	151,758	153,433	153,433	153,183
Series 2012 Bonds	50 00%	50.00%	248,250	249,350	249,350	249,226	258,976	253,350	251,600	254,700	257,500	
Series 2013 Bonds	50 00%	50.00%	226,525	223,025	227,775	222,225	226,675	220,825	224,975	223,825	222,525	
Series 2014 Tax Bonds	0 00%	100.00%	105,476	383,325	384,800	386,200	387,525	388,775	394,312	394,013	398,613	402,313
Series 2015 Revenue Bonds	0 00%	100.00%	136,989	444,838	595,638	598,338	595,838	598,238	600,438	602,438	604,238	610,838
2010 Maxx Force Note	0 00%	100.00%	37,414	-	-	-	-	-	-	-	-	-
2013 Revenue Note	86 00%	14.00%	154,200	153,406	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Series Placeholder	50 00%	50.00%	-	-	-	-	-	-	-	-	-	-
Total Existing Debt			**$ 1,052,587**	**$ 1,600,227**	**$ 1,606,221**	**$ 1,606,847**	**$ 1,616,897**	**$ 1,611,096**	**$ 1,623,083**	**$ 1,628,408**	**$ 1,636,309**	**$ 1,166,334**

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total % Water Debt	**42.0%**	**27.6%**	**19.5%**	**19.4%**	**19.6%**	**19.4%**	**19.4%**	**19.4%**	**19.4%**	**6.6%**
Total % Wastewater Debt	**58.0%**	**72.4%**	**80.5%**	**80.6%**	**80.4%**	**80.6%**	**80.6%**	**80.6%**	**80.6%**	**93.4%**
Beginning Balance	$ -	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,994,999	$ 14,994,999	$ 14,994,999	$ 14,994,999	$ 14,994,999
Needed	14,995,000	-	-	0	(1)	-	-	-	-	-
Issued	-	-	-	-	-	-	-	-	-	-
Ending Balance	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,994,999**	**$ 14,994,999**	**$ 14,994,999**	**$ 14,994,999**	**$ 14,994,999**	**$ 14,994,999**
Current Unappropriated Bond Fund Balance	$ -									
Debt Needs Amount	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,994,999	$ 14,994,999	$ 14,994,999	$ 14,994,999	$ 14,994,999	$ 14,994,999
New Debt to be Issued	-	-	-	-	-	-	-	-	-	-
Interest Rate (%)	4 5%	4 5%	4.5%	4 5%	4 5%	4 5%	4 5%	4 5%	4 5%	4.5%
Term of Issue (Years)	20	20	20	20	20	20	20	20	20	20

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
CIP Funding Plan and Debt Service

Funding Plan Summary		Year 1 FY 2015	Year 2 FY 2016	Year 3 FY 2017	Year 4 FY 2018	Year 5 FY 2019	Year 6 FY 2020	Year 7 FY 2021	Year 8 FY 2022	Year 9 FY 2023	Year 10 FY 2024
Planned Issuances											
Series Fiscal Year	2015										
Series Fiscal Year	2016										
Series Fiscal Year	2017										
Series Fiscal Year	2018										
Series Fiscal Year	2019										
Series Fiscal Year	2020										
Series Fiscal Year	2021										
Series Fiscal Year	2022										
Series Fiscal Year	2023										
Series Fiscal Year	2024										
Projected New Debt Summary											
Principal											
Interest											
Total Projected Debt		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

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Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Presentation of Changes in Fund Balance - Current Rates

Interest Rate Factor		0.60%	0.60%	0.60%	0.60%

FINANCIAL SUMMARY	2015 Projected	2016 Projected	2017 Projected	2018 Projected	2019 Projected
BEGINNING FUND BALANCE					
Unrestricted Cash Reserves	$ 588,167	$ (903,504)	$ (2,026,023)	$ (3,443,716)	$ (5,165,456)
TOTAL BEGINNING FUND BALANCE	$ 588,167	$ (903,504)	$ (2,026,023)	$ (3,443,716)	$ (5,165,456)
REVENUES					
Water Revenue	$ 4,459,380	$ 4,523,994	$ 4,523,994	$ 4,523,994	$ 4,523,994
Wastewater Revenue	1,835,074	1,860,587	1,860,587	1,860,587	1,860,587
Grants and Contributions	-	-	-	-	-
Ad valorem Taxes	686,738	686,738	686,738	686,738	686,738
Unrestricted Investment Earnings	-	-	-	-	-
Lease/Rental Income	211,829	211,829	211,829	211,829	211,829
Miscellaneous Fund Revenues	898,140	898,140	898,140	898,140	898,140
TOTAL REVENUES	$ 8,091,160	$ 8,181,288	$ 8,181,288	$ 8,181,288	$ 8,181,288
TOTAL FUNDS AVAILABLE	**$ 8,679,327**	**$ 7,277,784**	**$ 6,155,265**	**$ 4,737,572**	**$ 3,015,832**
CURRENT EXPENSES					
Water Expense	$ 5,600,275	$ 4,522,914	$ 4,715,697	$ 4,918,804	$ 5,132,877
Wastewater Expense	1,136,857	1,338,289	1,383,957	1,432,026	1,482,674
Collections Expense	-	-	-	-	-
Board of Directors Expense	22,881	23,522	24,180	24,857	25,553
Administration Expense	1,263,988	1,298,508	1,334,080	1,370,744	1,408,539
Non-Departmental Expense	503,694	517,797	532,296	547,200	562,522
Debt Service	1,055,137	1,602,777	1,608,771	1,609,397	1,619,447
TOTAL CURRENT EXPENSES	$ 9,582,832	$ 9,303,806	$ 9,598,981	$ 9,903,028	$ 10,231,612
TRANSFERS OUT	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	$ 9,582,832	$ 9,303,806	$ 9,598,981	$ 9,903,028	$ 10,231,612
ENDING FUND BALANCE (less Future Expenses)					
Reserved Fund Balance	$ (903,504)	$ (2,026,023)	$ (3,443,716)	$ (5,165,456)	$ (7,215,779)

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Presentation of Changes in Fund Balance - User Defined Rates

Interest Rate Factor	0 60%	0 60%	0 60%	0 60%

FINANCIAL SUMMARY	2015 Projected	2016 Projected	2017 Projected	2018 Projected	2019 Projected
BEGINNING FUND BALANCE					
Unrestricted Cash Reserves	$ 588,167	$ (903,504)	$ (890,527)	$ (1,172,725)	$ (1,758,970)
TOTAL BEGINNING FUND BALANCE	$ 588,167	$ (903,504)	$ (890,527)	$ (1,172,725)	$ (1,758,970)
REVENUES					
Water Revenue	$ 4,459,380	$ 5,082,707	$ 5,082,707	$ 5,082,707	$ 5,082,707
Wastewater Revenue	1,835,074	2,437,369	2,437,369	2,437,369	2,437,369
Grants and Contributions	-	-	-	-	-
Ad valorem Taxes	686,738	686,738	686,738	686,738	686,738
Unrestricted Investment Earnings	-	-	-	-	-
Lease/Rental Income	211,829	211,829	211,829	211,829	211,829
Miscellaneous Fund Revenues	898,140	898,140	898,140	898,140	898,140
TOTAL REVENUES	$ 8,091,160	$ 9,316,783	$ 9,316,783	$ 9,316,783	$ 9,316,783
TOTAL FUNDS AVAILABLE	**$ 8,679,327**	**$ 8,413,279**	**$ 8,426,256**	**$ 8,144,058**	**$ 7,557,813**
CURRENT EXPENSES					
Water Expense	$ 5,600,275	$ 4,522,914	$ 4,715,697	$ 4,918,804	$ 5,132,877
Wastewater Expense	1,136,857	1,338,289	1,383,957	1,432,026	1,482,674
Collections Expense	-	-	-	-	-
Board of Directors Expense	22,881	23,522	24,180	24,857	25,553
Administration Expense	1,263,988	1,298,508	1,334,080	1,370,744	1,408,539
Non-Departmental Expense	503,694	517,797	532,296	547,200	562,522
Debt Service	1,055,137	1,602,777	1,608,771	1,609,397	1,619,447
TOTAL CURRENT EXPENSES	$ 9,582,832	$ 9,303,806	$ 9,598,981	$ 9,903,028	$ 10,231,612
TRANSFERS OUT	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	$ 9,582,832	$ 9,303,806	$ 9,598,981	$ 9,903,028	$ 10,231,612
ENDING FUND BALANCE (less Future Expenses)					
Reserved Fund Balance	$ (903,504)	$ (890,527)	$ (1,172,725)	$ (1,758,970)	$ (2,673,799)