Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under Current 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"	$ 12 71	$ 12 71	$ 12.71	$ 12 71	$ 12 71	$ -	$ 14 62	$ 12 71	
1"	16 71	16.71	16 71	16 71	16.71	-	19.22	16 71	
1 5"	26 42	26 42	26 42	26 42	26.42	-	30.38	26 42	
2"	38 06	38 06	38 06	38.06	38.06	-	43.77	38 06	
3"	65 23	65 23	65 23	65.23	65 23	-	75.01	65 23	
4"	104.04	104 04	104.04	104.04	104.04	-	119.65	104 04	
6"	201.06	201 06	201 06	201.06	201.06	-	231.22	201 06	
8"	-	-	-	-	-	-	-	-	
Volumetric Charge (per 1,000 gallons)									
0-6,000	$ 2 70	$ 2 70	$ 2 70	$ 2 70	$ 2.70	$ -	$ 3.11	$ 2 70	
6,001-17,000	3 14	3.14	3 14	3 14	3 14	-	3 61	3 14	
17,001-25,000	3 64	3.64	3 64	3 64	3 64	-	4 19	3.64	
25,001-50,000	4 23	4 23	4 23	4 23	4 23	-	4 86	4.23	
50,001+	4 91	4.91	4 91	4 91	4 91	-	5 65	4.91	
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 Current 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"	$ 381,925	$ 3,966	$ 305	$ 30,962	$ -	$ -	$ 351	$ 622	$ 418,131
1"	84,267	4,612	401	-	201	-	-	254,436	343,916
1.5"	323	2,536	-	-	-	-	-	647	3,506
2"	-	25,576	7,308	-	-	-	-	2,329	35,213
3"	-	2,348	7,828	-	-	-	-	-	10,176
4"	-	11,236	3,745	-	-	-	-	-	14,982
6"	-	2,413	-	-	-	-	-	-	2,413
8"	-	-	-	-	-	-	-	-	-
Total	$ 466,515	$ 52,687	$ 19,587	$ 30,962	$ 201	$ -	$ 351	$ 258,034	$ 828,336
Volumetric Revenue									
0-6,000	$ 552,291	$ 20,537	$ 6,328	$ 37,020	$ 107	$ -	$ 374	$ 157,971	$ 774,627
6,001-17,000	652,611	33,439	12,280	4,168	52	-	424	224,062	927,037
17,001-25,000	256,835	21,685	9,070	5,688	-	-	190	93,857	387,325
25,001-50,000	291,253	54,749	28,122	-	-	-	132	114,403	488,660
50,001+	131,556	435,824	454,683	-	-	-	-	95,945	1,118,009
	$ 1,884,546	$ 566,235	$ 510,483	$ 46,876	$ 159	$ -	$ 1,120	$ 686,239	$ 3,695,658
Meter Charge Revenue	$ 466,515	$ 52,687	$ 19,587	$ 30,962	$ 201	$ -	$ 351	$ 258,034	$ 828,336
Volumetric Revenue	1,884,546	566,235	510,483	46,876	159	-	1,120	686,239	3,695,658
Total Revenue	$ 2,351,062	$ 618,923	$ 530,070	$ 77,837	$ 359	$ -	$ 1,471	$ 944,273	$ 4,523,994

Revenue Requirement	$ 5,326,406
Over/(Under) Recovery ($)	$ (802,412)
Over/(Under) Recovery (%)	-17.74%

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
User Defined Rate Adjustments

Volumetric Rates

Customer Class	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential						
0-6,000	$ 2.70	$ 2.70	$ 3.03	$ 3.03	$ 3.03	$ 3.03
6,001-17,000	3.14	3.14	3.53	3.53	3.53	3.53
17,001-25,000	3.64	3.64	4.09	4.09	4.09	4.09
25,001-50,000	4.23	4.23	4.75	4.75	4.75	4.75
50,0001 +	4.91	4.91	5.52	5.52	5.52	5.52
Commercial						
0-6,000	$ 2.70	$ 2.70	$ 3.03	$ 3.03	$ 3.03	$ 3.03
6,001-17,000	3.14	3.14	3.53	3.53	3.53	3.53
17,001-25,000	3.64	3.64	4.09	4.09	4.09	4.09
25,001-50,000	4.23	4.23	4.75	4.75	4.75	4.75
50,0001 +	4.91	4.91	5.52	5.52	5.52	5.52
Commercial (Solana)						
0-6,000	$ 2.70	$ 2.70	$ 3.03	$ 3.03	$ 3.03	$ 3.03
6,001-17,000	3.14	3.14	3.53	3.53	3.53	3.53
17,001-25,000	3.64	3.64	4.09	4.09	4.09	4.09
25,001-50,000	4.23	4.23	4.75	4.75	4.75	4.75
50,0001 +	4.91	4.91	5.52	5.52	5.52	5.52
Apartments						
0-6,000	$ 2.70	$ 2.70	$ 3.03	$ 3.03	$ 3.03	$ 3.03
6,001-17,000	3.14	3.14	3.53	3.53	3.53	3.53
17,001-25,000	3.64	3.64	4.09	4.09	4.09	4.09
25,001-50,000	4.23	4.23	4.75	4.75	4.75	4.75
50,0001 +	4.91	4.91	5.52	5.52	5.52	5.52
Summit Median						
0-6,000	$ 2.70	$ 2.70	$ 3.03	$ 3.03	$ 3.03	$ 3.03
6,001-17,000	3.14	3.14	3.53	3.53	3.53	3.53
17,001-25,000	3.64	3.64	4.09	4.09	4.09	4.09
25,001-50,000	4.23	4.23	4.75	4.75	4.75	4.75
50,0001 +	4.91	4.91	5.52	5.52	5.52	5.52
Master Distric Commercial						
0-6,000	$ -	$ -	$ -	$ -	$ -	$ -
6,001-17,000	-	-	-	-	-	-
17,001-25,000	-	-	-	-	-	-
25,001-50,000	-	-	-	-	-	-
50,0001 +	-	-	-	-	-	-
Out of District Water Sales						
0-6,000	$ 3.11	$ 3.11	$ 3.49	$ 3.49	$ 3.49	$ 3.49
6,001-17,000	3.61	3.61	4.06	4.06	4.06	4.06
17,001-25,000	4.19	4.19	4.71	4.71	4.71	4.71
25,001-50,000	4.86	4.86	5.46	5.46	5.46	5.46

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**
0-6,000	0.00%	12.35%	0.00%	0.00%	0.00%
6,001-17,000	0.00%	12.35%	0.00%	0.00%	0.00%
17,001-25,000	0.00%	12.35%	0.00%	0.00%	0.00%
25,001-50,000	0.00%	12.35%	0.00%	0.00%	0.00%
50,0001 +	0.00%	12.35%	0.00%	0.00%	0.00%
Commercial	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
0-6,000	0.00%	12.35%	0.00%	0.00%	0.00%
6,001-17,000	0.00%	12.35%	0.00%	0.00%	0.00%
17,001-25,000	0.00%	12.35%	0.00%	0.00%	0.00%
25,001-50,000	0.00%	12.35%	0.00%	0.00%	0.00%
50,0001 +	0.00%	12.35%	0.00%	0.00%	0.00%
Commercial (Solana)	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
0-6,000	0.00%	12.35%	0.00%	0.00%	0.00%
6,001-17,000	0.00%	12.35%	0.00%	0.00%	0.00%
17,001-25,000	0.00%	12.35%	0.00%	0.00%	0.00%
25,001-50,000	0.00%	12.35%	0.00%	0.00%	0.00%
50,0001 +	0.00%	12.35%	0.00%	0.00%	0.00%
Apartments	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
0-6,000	0.00%	12.35%	0.00%	0.00%	0.00%
6,001-17,000	0.00%	12.35%	0.00%	0.00%	0.00%
17,001-25,000	0.00%	12.35%	0.00%	0.00%	0.00%
25,001-50,000	0.00%	12.35%	0.00%	0.00%	0.00%
50,0001 +	0.00%	12.35%	0.00%	0.00%	0.00%
Summit Median	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
0-6,000	0.00%	12.35%	0.00%	0.00%	0.00%
6,001-17,000	0.00%	12.35%	0.00%	0.00%	0.00%
17,001-25,000	0.00%	12.35%	0.00%	0.00%	0.00%
25,001-50,000	0.00%	12.35%	0.00%	0.00%	0.00%
50,0001 +	0.00%	12.35%	0.00%	0.00%	0.00%
Master Distric Commercial	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
0-6,000	0.00%	12.35%	0.00%	0.00%	0.00%
6,001-17,000	0.00%	12.35%	0.00%	0.00%	0.00%
17,001-25,000	0.00%	12.35%	0.00%	0.00%	0.00%
25,001-50,000	0.00%	12.35%	0.00%	0.00%	0.00%
50,0001 +	0.00%	12.35%	0.00%	0.00%	0.00%
Out of District Water Sales	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**
0-6,000	0.00%	12.35%	0.00%	0.00%	0.00%
6,001-17,000	0.00%	12.35%	0.00%	0.00%	0.00%
17,001-25,000	0.00%	12.35%	0.00%	0.00%	0.00%
25,001-50,000	0.00%	12.35%	0.00%	0.00%	0.00%

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
User Defined Rate Adjustments

Volumetric Rates

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
50,0001 +	5.65	5.65	6.35	6.35	6.35	6.35

Rate Adjustment Assumptions	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
50,0001 +	0.00%	12.35%	0.00%	0.00%	0.00%

PID Residential

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
0-6,000	$ 2.70	$ 2.70	$ 3.03	$ 3.03	$ 3.03	$ 3.03
6,001-17,000	3.14	3.14	3.53	3.53	3.53	3.53
17,001-25,000	3.64	3.64	4.09	4.09	4.09	4.09
25,001-50,000	4.23	4.23	4.75	4.75	4.75	4.75
50,0001 +	4.91	4.91	5.52	5.52	5.52	5.52

PID Residential	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
0-6,000	0.00%	12.35%	0.00%	0.00%	0.00%
6,001-17,000	0.00%	12.35%	0.00%	0.00%	0.00%
17,001-25,000	0.00%	12.35%	0.00%	0.00%	0.00%
25,001-50,000	0.00%	12.35%	0.00%	0.00%	0.00%
50,0001 +	0.00%	12.35%	0.00%	0.00%	0.00%

Demand Charge

MUD 1 Residential

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	$ 12.71	$ 12.71	$ 12.99	$ 12.99	$ 12.99	$ 12.99
1"	16.71	16.71	20.39	20.39	20.39	20.39
1.5"	26.42	26.42	32.23	32.23	32.23	32.23
2"	38.06	38.06	46.43	46.43	46.43	46.43
3"	65.23	65.23	79.58	79.58	79.58	79.58
4"	104.04	104.04	126.93	126.93	126.93	126.93
6"	201.06	201.06	245.29	245.29	245.29	245.29
8"	-	-	-	-	-	-

MUD 1 Residential	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	0.00%	2.24%	0.00%	0.00%	0.00%
1"	0.00%	22.00%	0.00%	0.00%	0.00%
1.5"	0.00%	22.00%	0.00%	0.00%	0.00%
2"	0.00%	22.00%	0.00%	0.00%	0.00%
3"	0.00%	22.00%	0.00%	0.00%	0.00%
4"	0.00%	22.00%	0.00%	0.00%	0.00%
6"	0.00%	22.00%	0.00%	0.00%	0.00%
8"	0.00%	22.00%	0.00%	0.00%	0.00%

Commercial

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	$ 12.71	$ 12.71	$ 12.99	$ 12.99	$ 12.99	$ 12.99
1"	16.71	16.71	20.39	20.39	20.39	20.39
1.5"	26.42	26.42	32.23	32.23	32.23	32.23
2"	38.06	38.06	46.43	46.43	46.43	46.43
3"	65.23	65.23	79.58	79.58	79.58	79.58
4"	104.04	104.04	126.93	126.93	126.93	126.93
6"	201.06	201.06	245.29	245.29	245.29	245.29
8"	-	-	-	-	-	-

Commercial	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	0.00%	2.24%	0.00%	0.00%	0.00%
1"	0.00%	22.00%	0.00%	0.00%	0.00%
1.5"	0.00%	22.00%	0.00%	0.00%	0.00%
2"	0.00%	22.00%	0.00%	0.00%	0.00%
3"	0.00%	22.00%	0.00%	0.00%	0.00%
4"	0.00%	22.00%	0.00%	0.00%	0.00%
6"	0.00%	22.00%	0.00%	0.00%	0.00%
8"	0.00%	22.00%	0.00%	0.00%	0.00%

Commercial (Solana)

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	$ 12.71	$ 12.71	$ 12.99	$ 12.99	$ 12.99	$ 12.99
1"	16.71	16.71	20.39	20.39	20.39	20.39
1.5"	26.42	26.42	32.23	32.23	32.23	32.23
2"	38.06	38.06	46.43	46.43	46.43	46.43
3"	65.23	65.23	79.58	79.58	79.58	79.58
4"	104.04	104.04	126.93	126.93	126.93	126.93
6"	201.06	201.06	245.29	245.29	245.29	245.29
8"	-	-	-	-	-	-

Commercial (Solana)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	0.00%	2.24%	0.00%	0.00%	0.00%
1"	0.00%	22.00%	0.00%	0.00%	0.00%
1.5"	0.00%	22.00%	0.00%	0.00%	0.00%
2"	0.00%	22.00%	0.00%	0.00%	0.00%
3"	0.00%	22.00%	0.00%	0.00%	0.00%
4"	0.00%	22.00%	0.00%	0.00%	0.00%
6"	0.00%	22.00%	0.00%	0.00%	0.00%
8"	0.00%	22.00%	0.00%	0.00%	0.00%

Apartments

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	$ 12.71	$ 12.71	$ 12.99	$ 12.99	$ 12.99	$ 12.99
1"	16.71	16.71	20.39	20.39	20.39	20.39
1.5"	26.42	26.42	32.23	32.23	32.23	32.23
2"	38.06	38.06	46.43	46.43	46.43	46.43
3"	65.23	65.23	79.58	79.58	79.58	79.58

Apartments	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	0.00%	2.24%	0.00%	0.00%	0.00%
1"	0.00%	22.00%	0.00%	0.00%	0.00%
1.5"	0.00%	22.00%	0.00%	0.00%	0.00%
2"	0.00%	22.00%	0.00%	0.00%	0.00%
3"	0.00%	22.00%	0.00%	0.00%	0.00%

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
User Defined Rate Adjustments

Volumetric Rates

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
4"	104.04	104.04	126.93	126.93	126.93	126.93
6"	201.06	201.06	245.29	245.29	245.29	245.29
8"	-	-	-	-	-	-

Rate Adjustment Assumptions	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
4"	0.00%	22.00%	0.00%	0.00%	0.00%
6"	0.00%	22.00%	0.00%	0.00%	0.00%
8"	0.00%	22.00%	0.00%	0.00%	0.00%

Summit Median

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	$ 12.71	$ 12.71	$ 12.99	$ 12.99	$ 12.99	$ 12.99
1"	16.71	16.71	20.39	20.39	20.39	20.39
1.5"	26.42	26.42	32.23	32.23	32.23	32.23
2"	38.06	38.06	46.43	46.43	46.43	46.43
3"	65.23	65.23	79.58	79.58	79.58	79.58
4"	104.04	104.04	126.93	126.93	126.93	126.93
6"	201.06	201.06	245.29	245.29	245.29	245.29
8"	-	-	-	-	-	-

Summit Median	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	0.00%	2.24%	0.00%	0.00%	0.00%
1"	0.00%	22.00%	0.00%	0.00%	0.00%
1.5"	0.00%	22.00%	0.00%	0.00%	0.00%
2"	0.00%	22.00%	0.00%	0.00%	0.00%
3"	0.00%	22.00%	0.00%	0.00%	0.00%
4"	0.00%	22.00%	0.00%	0.00%	0.00%
6"	0.00%	22.00%	0.00%	0.00%	0.00%
8"	0.00%	22.00%	0.00%	0.00%	0.00%

Master Distric Commercial

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	$ -	$ -	$ -	$ -	$ -	$ -
1"	-	-	-	-	-	-
1.5"	-	-	-	-	-	-
2"	-	-	-	-	-	-
3"	-	-	-	-	-	-
4"	-	-	-	-	-	-
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-

Master Distric Commercial	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	0.00%	2.24%	0.00%	0.00%	0.00%
1"	0.00%	22.00%	0.00%	0.00%	0.00%
1.5"	0.00%	22.00%	0.00%	0.00%	0.00%
2"	0.00%	22.00%	0.00%	0.00%	0.00%
3"	0.00%	22.00%	0.00%	0.00%	0.00%
4"	0.00%	22.00%	0.00%	0.00%	0.00%
6"	0.00%	22.00%	0.00%	0.00%	0.00%
8"	0.00%	22.00%	0.00%	0.00%	0.00%

Out of District Water Sales

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	$ 14.62	$ 14.62	$ 14.95	$ 14.95	$ 14.95	$ 14.95
1"	19.22	19.22	23.45	23.45	23.45	23.45
1.5"	30.38	30.38	37.06	37.06	37.06	37.06
2"	43.77	43.77	53.40	53.40	53.40	53.40
3"	75.01	75.01	91.51	91.51	91.51	91.51
4"	119.65	119.65	145.97	145.97	145.97	145.97
6"	231.22	231.22	282.09	282.09	282.09	282.09
8"	-	-	-	-	-	-

Out of District Water Sales	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	0.00%	2.24%	0.00%	0.00%	0.00%
1"	0.00%	22.00%	0.00%	0.00%	0.00%
1.5"	0.00%	22.00%	0.00%	0.00%	0.00%
2"	0.00%	22.00%	0.00%	0.00%	0.00%
3"	0.00%	22.00%	0.00%	0.00%	0.00%
4"	0.00%	22.00%	0.00%	0.00%	0.00%
6"	0.00%	22.00%	0.00%	0.00%	0.00%
8"	0.00%	22.00%	0.00%	0.00%	0.00%

PID Residential

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	$ 12.71	$ 12.71	$ 12.99	$ 12.99	$ 12.99	$ 12.99
1"	16.71	16.71	20.39	20.39	20.39	20.39
1.5"	26.42	26.42	32.23	32.23	32.23	32.23
2"	38.06	38.06	46.43	46.43	46.43	46.43
3"	65.23	65.23	79.58	79.58	79.58	79.58
4"	104.04	104.04	126.93	126.93	126.93	126.93
6"	201.06	201.06	245.29	245.29	245.29	245.29
8"	-	-	-	-	-	-

PID Residential	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
3/4" - 5/8"	0.00%	2.24%	0.00%	0.00%	0.00%
1"	0.00%	22.00%	0.00%	0.00%	0.00%
1.5"	0.00%	22.00%	0.00%	0.00%	0.00%
2"	0.00%	22.00%	0.00%	0.00%	0.00%
3"	0.00%	22.00%	0.00%	0.00%	0.00%
4"	0.00%	22.00%	0.00%	0.00%	0.00%
6"	0.00%	22.00%	0.00%	0.00%	0.00%
8"	0.00%	22.00%	0.00%	0.00%	0.00%

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
User Defined Rate Adjustments

Volumetric Rates

Water Rate Revenue

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential						
3/4" - 5/8"	$ 374,437	$ 374,437	$ 390,480	$ 390,480	$ 390,480	$ 390,480
1"	82,614	82,614	102,805	102,805	102,805	102,805
1.5"	317	317	395	395	395	395
2"	-	-	-	-	-	-
3"	-	-	-	-	-	-
4"	-	-	-	-	-	-
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-
0-6,000 gallons	541,462	541,462	620,499	620,499	620,499	620,499
6,001-17,000 gallons	639,815	639,815	733,209	733,209	733,209	733,209
17,001-25,000 gallons	251,799	251,799	288,554	288,554	288,554	288,554
25,001-50,000 gallons	285,542	285,542	327,223	327,223	327,223	327,223
50,0001 + gallons	128,977	128,977	147,804	147,804	147,804	147,804
Total	$ 2,304,962	$ 2,304,962	$ 2,610,968	$ 2,610,968	$ 2,610,968	$ 2,610,968
Commercial						
3/4" - 5/8"	$ 3,966	$ 3,966	$ 4,054	$ 4,054	$ 4,054	$ 4,054
1"	4,612	4,612	5,627	5,627	5,627	5,627
1.5"	2,536	2,536	3,094	3,094	3,094	3,094
2"	25,576	25,576	31,203	31,203	31,203	31,203
3"	2,348	2,348	2,865	2,865	2,865	2,865
4"	11,236	11,236	13,708	13,708	13,708	13,708
6"	2,413	2,413	2,944	2,944	2,944	2,944
8"	-	-	-	-	-	-
0-6,000 gallons	20,537	20,537	23,074	23,074	23,074	23,074
6,001-17,000 gallons	33,439	33,439	37,569	37,569	37,569	37,569
17,001-25,000 gallons	21,685	21,685	24,363	24,363	24,363	24,363
25,001-50,000 gallons	54,749	54,749	61,511	61,511	61,511	61,511
50,0001 + gallons	435,824	435,824	489,648	489,648	489,648	489,648
Total	$ 618,923	$ 618,923	$ 699,660	$ 699,660	$ 699,660	$ 699,660
Commercial (Solana)						
3/4" - 5/8"	$ 305	$ 305	$ 312	$ 312	$ 312	$ 312
1"	401	401	489	489	489	489
1.5"	-	-	-	-	-	-
2"	7,308	7,308	8,915	8,915	8,915	8,915
3"	7,828	7,828	9,550	9,550	9,550	9,550
4"	3,745	3,745	4,569	4,569	4,569	4,569
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-
0-6,000 gallons	6,328	6,328	7,109	7,109	7,109	7,109
6,001-17,000 gallons	12,280	12,280	13,797	13,797	13,797	13,797
17,001-25,000 gallons	9,070	9,070	10,190	10,190	10,190	10,190
25,001-50,000 gallons	28,122	28,122	31,595	31,595	31,595	31,595
50,0001 + gallons	454,683	454,683	510,836	510,836	510,836	510,836

Rate Adjustment Assumptions

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
User Defined Rate Adjustments

Volumetric Rates

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Total	$ 530,070	$ 530,070	$ 597,363	$ 597,363	$ 597,363	$ 597,363
Apartments						
3/4" - 5/8"	$ 30,962	$ 30,962	$ 30,962	$ 31,655	$ 31,655	$ 31,655
1"	-	-	-	-	-	-
1.5"	-	-	-	-	-	-
2"	-	-	-	-	-	-
3"	-	-	-	-	-	-
4"	-	-	-	-	-	-
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-
0-6,000 gallons	37,020	37,020	37,020	41,592	41,592	41,592
6,001-17,000 gallons	4,168	4,168	4,168	4,683	4,683	4,683
17,001-25,000 gallons	5,688	5,688	5,688	6,390	6,390	6,390
25,001-50,000 gallons	-	-	-	-	-	-
50,0001 + gallons	-	-	-	-	-	-
Total	$ 77,837	$ 77,837	$ 77,837	$ 84,320	$ 84,320	$ 84,320
Summit Median						
3/4" - 5/8"	$ -	$ -	$ -	$ -	$ -	$ -
1"	201	201	245	245	245	245
1.5"	-	-	-	-	-	-
2"	-	-	-	-	-	-
3"	-	-	-	-	-	-
4"	-	-	-	-	-	-
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-
0-6,000 gallons	107	107	120	120	120	120
6,001-17,000 gallons	52	52	58	58	58	58
17,001-25,000 gallons	-	-	-	-	-	-
25,001-50,000 gallons	-	-	-	-	-	-
50,0001 + gallons	-	-	-	-	-	-
Total	$ 359	$ 359	$ 423	$ 423	$ 423	$ 423
Master Distric Commercial						
3/4" - 5/8"	$ -	$ -	$ -	$ -	$ -	$ -
1"	-	-	-	-	-	-
1.5"	-	-	-	-	-	-
2"	-	-	-	-	-	-
3"	-	-	-	-	-	-
4"	-	-	-	-	-	-
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-
0-6,000 gallons	-	-	-	-	-	-
6,001-17,000 gallons	-	-	-	-	-	-
17,001-25,000 gallons	-	-	-	-	-	-
25,001-50,000 gallons	-	-	-	-	-	-
50,0001 + gallons	-	-	-	-	-	-

Rate Adjustment Assumptions

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019

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Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
User Defined Rate Adjustments

Volumetric Rates

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Total	$ -	$ -	$ -	$ -	$ -	$ -
Out of District Water Sales						
3/4" - 5/8"	$ 351	$ 351	$ 359	$ 359	$ 359	$ 359
1"	-	-	-	-	-	-
1.5"	-	-	-	-	-	-
2"	-	-	-	-	-	-
3"	-	-	-	-	-	-
4"	-	-	-	-	-	-
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-
0-6,000 gallons	374	374	420	420	420	420
6,001-17,000 gallons	424	424	477	477	477	477
17,001-25,000 gallons	190	190	214	214	214	214
25,001-50,000 gallons	132	132	149	149	149	149
50,0001 + gallons	-	-	-	-	-	-
Total	$ 1,471	$ 1,471	$ 1,617	$ 1,617	$ 1,617	$ 1,617
PID Residential						
3/4" - 5/8"	$ 610	$ 610	$ 636	$ 636	$ 636	$ 636
1"	249,447	249,447	310,412	310,412	310,412	310,412
1 5"	634	634	789	789	789	789
2"	2,284	2,284	2,842	2,842	2,842	2,842
3"	-	-	-	-	-	-
4"	-	-	-	-	-	-
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-
0-6,000 gallons	154,873	154,873	177,480	177,480	177,480	177,480
6,001-17,000 gallons	219,668	219,668	251,733	251,733	251,733	251,733
17,001-25,000 gallons	92,017	92,017	105,449	105,449	105,449	105,449
25,001-50,000 gallons	112,160	112,160	128,532	128,532	128,532	128,532
50,0001 + gallons	94,064	94,064	107,795	107,795	107,795	107,795
Total	$ 925,758	$ 925,758	$ 1,085,668	$ 1,085,668	$ 1,085,668	$ 1,085,668
Total Charges						
3/4" - 5/8"	$ 410,630	$ 410,630	$ 426,803	$ 427,497	$ 427,497	$ 427,497
1"	337,275	$ 337,275	$ 419,577	$ 419,577	$ 419,577	$ 419,577
1.5"	3,487	$ 3,487	$ 4,278	$ 4,278	$ 4,278	$ 4,278
2"	35,167	$ 35,167	$ 42,960	$ 42,960	$ 42,960	$ 42,960
3"	10,176	$ 10,176	$ 12,415	$ 12,415	$ 12,415	$ 12,415
4"	14,982	$ 14,982	$ 18,278	$ 18,278	$ 18,278	$ 18,278
6"	2,413	$ 2,413	$ 2,944	$ 2,944	$ 2,944	$ 2,944
8"	-	$ -	$ -	$ -	$ -	$ -
0-6,000	760,700	760,700	865,721	870,293	870,293	870,293
6,001-17,000	909,847	909,847	1,041,011	1,041,526	1,041,526	1,041,526
17,001-25,000	380,449	380,449	434,458	435,160	435,160	435,160
25,001-50,000	480,706	480,706	549,009	549,009	549,009	549,009
50,0001 +	1,113,548	1,113,548	1,256,083	1,256,083	1,256,083	1,256,083

Rate Adjustment Assumptions

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
User Defined Rate Adjustments

Volumetric Rates

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Total	$ 4,459,380	$ 4,459,380	$ 5,073,537	$ 5,080,019	$ 5,080,019	$ 5,080,019

Rate Adjustment Assumptions

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Total Rate Revenue	$ 4,459,380	$ 4,459,380	$ 5,073,537	$ 5,080,019	$ 5,080,019	$ 5,080,019
Revenue Requirement	6,154,454	6,154,454	5,074,661	4,852,890	5,079,901	5,326,406
$ Over/(Under) Recovery	$ (1,695,074)	$ (1,695,074)	$ (1,124)	$ 227,129	$ 119	$ (246,386)
% Over/(Under) Recovery	-38.0%	38.0%	0.0%	4.5%	0.0%	-4.9%

Water Rate Revenue Comparison By Customer Class

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential						
Total Rate Revenue	$ 2,304,962	$ 2,304,962	$ 2,610,968	$ 2,610,968	$ 2,610,968	$ 2,610,968
Revenue Requirement	3,440,347	3,440,347	2,853,682	2,730,860	2,858,395	2,996,832
$ Over/(Under) Recovery	$ (1,135,384)	$ (1,135,384)	$ (242,713)	$ (119,892)	$ (247,427)	$ (385,864)
% Over/(Under) Recovery	-49.3%	-49.3%	-9.3%	-4.6%	-9.5%	-14.8%
Commercial						
Total Rate Revenue	$ 618,923	$ 618,923	$ 699,660	$ 699,660	$ 699,660	$ 699,660
Revenue Requirement	804,022	804,022	647,478	617,977	646,999	678,478
$ Over/(Under) Recovery	$ (185,099)	$ (185,099)	$ 52,182	$ 81,684	$ 52,661	$ 21,182
% Over/(Under) Recovery	-29.9%	-29.9%	7.5%	11.7%	7.5%	3.0%
Commercial (Solana)						
Total Rate Revenue	$ 530,070	$ 530,070	$ 597,363	$ 597,363	$ 597,363	$ 597,363
Revenue Requirement	587,584	587,584	474,166	450,795	472,184	495,510
$ Over/(Under) Recovery	$ (57,515)	$ (57,515)	$ 123,197	$ 146,568	$ 125,179	$ 101,853
% Over/(Under) Recovery	-10.9%	-10.9%	20.6%	24.5%	21.0%	17.1%
Apartments						
Total Rate Revenue	$ 77,837	$ 77,837	$ 77,837	$ 84,320	$ 84,320	$ 84,320
Revenue Requirement	77,985	77,985	65,237	62,647	65,557	68,737
$ Over/(Under) Recovery	$ (147)	$ (147)	$ 12,600	$ 21,672	$ 18,763	$ 15,583
% Over/(Under) Recovery	-0.2%	-0.2%	16.2%	25.7%	22.3%	18.5%
Summit Median						
Total Rate Revenue	$ 359	$ 359	$ 423	$ 423	$ 423	$ 423
Revenue Requirement	679	679	551	535	559	585
$ Over/(Under) Recovery	$ (320)	$ (320)	$ (128)	$ (112)	$ (136)	$ (162)
% Over/(Under) Recovery	-89.1%	89.1%	30.4%	26.5%	32.2%	38.2%
Master Distric Commercial						
Total Rate Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Revenue Requirement	35,514	35,514	28,706	27,360	28,650	30,054
$ Over/(Under) Recovery	$ (35,514)	$ (35,514)	$ (28,706)	$ (27,360)	$ (28,650)	$ (30,054)
% Over/(Under) Recovery	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Out of District Water Sales						

Trophy Club MUD No. 1
Water and Wastewater Cost of Service and Rate Design Model
User Defined Rate Adjustments

Volumetric Rates

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Total Rate Revenue	$ 1,471	$ 1,471	$ 1,617	$ 1,617	$ 1,617	$ 1,617
Revenue Requirement	1,844	1,844	1,505	1,441	1,508	1,581
$ Over/(Under) Recovery	**$ (372)**	**$ (372)**	**$ 113**	**$ 176**	**$ 109**	**$ 36**
% Over/(Under) Recovery	25.3%	25.3%	**7.0%**	10.9%	**6.7%**	**2.2%**

PID Residential						
Total Rate Revenue	$ 925,758	$ 925,758	$ 1,085,668	$ 1,085,668	$ 1,085,668	$ 1,085,668
Revenue Requirement	1,206,479	1,206,479	1,003,337	961,276	1,006,048	1,054,630
$ Over/(Under) Recovery	**$ (280,721)**	**$ (280,721)**	**$ 82,331**	**$ 124,392**	**$ 79,620**	**$ 31,038**
% Over/(Under) Recovery	-30.3%	-30.3%	7.6%	11.5%	7.3%	2.9%

Rate Adjustment Assumptions

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019

Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2015

	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"	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ 12.71	$ -	$ 14 62	$ 12 71	
1"	16 71	16.71	16.71	16 71	16 71	-	19 22	16.71	
1 5"	26 42	26.42	26.42	26.42	26.42	-	30.38	26 42	
2"	38.06	38 06	38 06	38 06	38.06	-	43 77	38.06	
3"	65.23	65.23	65 23	65 23	65 23	-	75.01	65.23	
4"	104 04	104 04	104.04	104.04	104.04	-	119 65	104.04	
6"	201 06	201.06	201 06	201 06	201 06	-	231 22	201.06	
8"	-	-	-	-	-	-	-	-	
Volumetric Charge (per 1,000 gallons)									
0-6,000	$ 2 70	$ 2 70	$ 2 70	$ 2 70	$ 2.70	$ -	$ 3.11	$ 2 70	
6,001-17,000	3 14	3.14	3.14	3.14	3 14	-	3 61	3.14	
17,001-25,000	3.64	3 64	3.64	3 64	3 64	-	4 19	3 64	
25,001-50,000	4 23	4 23	4 23	4 23	4.23	-	4.86	4 23	
50,001+	4 91	4.91	4 91	4.91	4.91	-	5.65	4.91	
Billing Determinants									
Annual # of Meters									
3/4" - 5/8"	29,460	312	24	2,436	-	-	24	48	32,304
1"	4,944	276	24	-	12	-	-	14,928	20,184
1 5"	12	96	-	-	-	-	-	24	132
2"	-	672	192	-	-	96	-	60	1,020
3"	-	36	120	-	-	24	-	-	180
4"	-	108	36	-	-	-	-	-	144
6"	-	12	-	-	-	-	-	-	12
8"	-	-	-	-	-	-	-	-	-
Total	34,416	1,512	396	2,436	12	120	24	15,060	53,976
Volume (000, gallons)									
0-6,000	200,541	7,606	2,344	13,711	40	731	120	57,360	282,453
6,001-17,000	203,763	10,650	3,911	1,327	16	495	117	69,958	290,237
17,001-25,000	69,176	5,957	2,492	1,563	-	282	45	25,279	104,794
25,001-50,000	67,504	12,943	6,648	-	-	536	27	26,515	114,174
50,001+	26,268	88,763	92,603	-	-	4,111	-	19,158	230,903
	567,252	125,919	107,998	16,601	56	6,155	310	198,271	1,022,562
Total Volumes (000, gallons)	567,252	125,919	107,998	16,601	56	6,155	310	198,271	1,022,562

Trophy Club MUD 1
Water and Wastewater COS & Rate Design Model
Projected Water Revenue Under User Defined Rates
FY 2015

	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"	$ 374,437	$ 3,966	$ 305	$ 30,962	$ -	$ -	$ 351	$ 610	$ 410,630
1"	82,614	4,612	401	-	201	-	-	249,447	337,275
1 5"	317	2,536	-	-	-	-	-	634	3,487
2"	-	25,576	7,308	-	-	-	-	2,284	35,167
3"	-	2,348	7,828	-	-	-	-	-	10,176
4"	-	11,236	3,745	-	-	-	-	-	14,982
6"	-	2,413	-	-	-	-	-	-	2,413
8"	-	-	-	-	-	-	-	-	-
Total	$ 457,368	$ 52,687	$ 19,587	$ 30,962	$ 201	$ -	$ 351	$ 252,975	$ 814,130
Volumetric Revenue									
0-6,000	$ 541,462	$ 20,537	$ 6,328	$ 37,020	$ 107	$ -	$ 374	$ 154,873	$ 760,700
6,001-17,000	639,815	33,439	12,280	4,168	52	-	424	219,668	909,847
17,001-25,000	251,799	21,685	9,070	5,688	-	-	190	92,017	380,449
25,001-50,000	285,542	54,749	28,122	-	-	-	132	112,160	480,706
50,001+	128,977	435,824	454,683	-	-	-	-	94,064	1,113,548
	$ 1,847,595	$ 566,235	$ 510,483	$ 46,876	$ 159	$ -	$ 1,120	$ 672,783	$ 3,645,250
Meter Charge Revenue	$ 457,368	$ 52,687	$ 19,587	$ 30,962	$ 201	$ -	$ 351	$ 252,975	$ 814,130
Volumetric Revenue	1,847,595	566,235	510,483	46,876	159	-	1,120	672,783	3,645,250
Total Revenue	$ 2,304,962	$ 618,923	$ 530,070	$ 77,837	$ 359	$ -	$ 1,471	$ 925,758	$ 4,459,380

Revenue Requirement	$ 6,154,454
Over/(Under) Recovery ($)	$ (1,695,074)
Over/(Under) Recovery (%)	-38.01%

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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
Rates									
Meter Charge									
3/4" - 5/8"	$ 12.99	$ 12.99	$ 12.99	$ 12.99	$ 12.99	$ -	$ 14.95	$ 12.99	
1"	20.39	20.39	20.39	20.39	20.39	-	23.45	20.39	
1.5"	32.23	32.23	32.23	32.23	32.23	-	37.06	32.23	
2"	46.43	46.43	46.43	46.43	46.43	-	53.40	46.43	
3"	79.58	79.58	79.58	79.58	79.58	-	91.51	79.58	
4"	126.93	126.93	126.93	126.93	126.93	-	145.97	126.93	
6"	245.29	245.29	245.29	245.29	245.29	-	282.09	245.29	
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 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"	$ 390,480	$ 4,054	$ 312	$ 31,655	$ -	$ -	$ 359	$ 636	$ 427,497
1"	102,805	5,627	489	-	245	-	-	310,412	419,577
1.5"	395	3,094	-	-	-	-	-	789	4,278
2"	-	31,203	8,915	-	-	-	-	2,842	42,960
3"	-	2,865	9,550	-	-	-	-	-	12,415
4"	-	13,708	4,569	-	-	-	-	-	18,278
6"	-	2,944	-	-	-	-	-	-	2,944
8"	-	-	-	-	-	-	-	-	-
Total	$ 493,680	$ 63,495	$ 23,835	$ 31,655	$ 245	$ -	$ 359	$ 314,679	$ 927,948
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	$ 493,680	$ 63,495	$ 23,835	$ 31,655	$ 245	$ -	$ 359	$ 314,679	$ 927,948
Volumetric Revenue	2,117,288	636,165	573,528	52,665	178	-	1,259	770,989	4,152,072
Total Revenue	$ 2,610,968	$ 699,660	$ 597,363	$ 84,320	$ 423	$ -	$ 1,617	$ 1,085,668	$ 5,080,019

Revenue Requirement	$ 5,074,661
Over/(Under) Recovery ($)	$ 5,359
Over/(Under) Recovery (%)	0 11%

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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"	$ 12.99	$ 12.99	$ 12.99	$ 12.99	$ 12.99	$ -	$ 14.95	$ 12.99	
1"	20.39	20.39	20.39	20.39	20.39	-	23.45	20.39	
1.5"	32.23	32.23	32.23	32.23	32.23	-	37.06	32.23	
2"	46.43	46.43	46.43	46.43	46.43	-	53.40	46.43	
3"	79.58	79.58	79.58	79.58	79.58	-	91.51	79.58	
4"	126.93	126.93	126.93	126.93	126.93	-	145.97	126.93	
6"	245.29	245.29	245.29	245.29	245.29	-	282.09	245.29	
	-	-	-	-	-	-	-	-	
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

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"	$ 390,480	$ 4,054	$ 312	$ 31,655	$ -	$ -	$ 359	$ 636	$ 427,497
1"	102,805	5,627	489	-	245	-	-	310,412	419,577
1 5"	395	3,094	-	-	-	-	-	789	4,278
2"	-	31,203	8,915	-	-	-	-	2,842	42,960
3"	-	2,865	9,550	-	-	-	-	-	12,415
4"	-	13,708	4,569	-	-	-	-	-	18,278
6"	-	2,944	-	-	-	-	-	-	2,944
8"	-	-	-	-	-	-	-	-	-
Total	$ 493,680	$ 63,495	$ 23,835	$ 31,655	$ 245	$ -	$ 359	$ 314,679	$ 927,948
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	$ 493,680	$ 63,495	$ 23,835	$ 31,655	$ 245	$ -	$ 359	$ 314,679	$ 927,948
Volumetric Revenue	2,117,288	636,165	573,528	52,665	178	-	1,259	770,989	4,152,072
Total Revenue	$ 2,610,968	$ 699,660	$ 597,363	$ 84,320	$ 423	$ -	$ 1,617	$ 1,085,668	$ 5,080,019

Revenue Requirement	$ 4,852,890
Over/(Under) Recovery ($)	$ 227,129
Over/(Under) Recovery (%)	4.47%

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"	$ 12.99	$ 12 99	$ 12 99	$ 12 99	$ 12.99	$ -	$ 14.95	$ 12 99	
1"	20 39	20 39	20 39	20 39	20 39	-	23.45	20 39	
1 5"	32 23	32 23	32.23	32 23	32 23	-	37 06	32 23	
2"	46 43	46.43	46 43	46.43	46.43	-	53 40	46.43	
3"	79.58	79.58	79.58	79.58	79.58	-	91 51	79 58	
4"	126.93	126 93	126.93	126.93	126.93	-	145.97	126.93	
6"	245.29	245 29	245.29	245 29	245 29	-	282.09	245 29	
	-	-	-	-	-	-	-	-	
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 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"	$ 390,480	$ 4,054	$ 312	$ 31,655	$ -	$ -	$ 359	$ 636	$ 427,497
1"	102,805	5,627	489	-	245	-	-	310,412	419,577
1 5"	395	3,094	-	-	-	-	-	789	4,278
2"	-	31,203	8,915	-	-	-	-	2,842	42,960
3"	-	2,865	9,550	-	-	-	-	-	12,415
4"	-	13,708	4,569	-	-	-	-	-	18,278
6"	-	2,944	-	-	-	-	-	-	2,944
8"	-	-	-	-	-	-	-	-	-
Total	$ 493,680	$ 63,495	$ 23,835	$ 31,655	$ 245	$ -	$ 359	$ 314,679	$ 927,948
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	$ 493,680	$ 63,495	$ 23,835	$ 31,655	$ 245	$ -	$ 359	$ 314,679	$ 927,948
Volumetric Revenue	2,117,288	636,165	573,528	52,665	178	-	1,259	770,989	4,152,072
Total Revenue	$ 2,610,968	$ 699,660	$ 597,363	$ 84,320	$ 423	$ -	$ 1,617	$ 1,085,668	$ 5,080,019

Revenue Requirement	$ 5,079,901
Over/(Under) Recovery ($)	$ 119
Over/(Under) Recovery (%)	0 00%

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"	$ 12.99	$ 12 99	$ 12 99	$ 12 99	$ 12.99	$ -	$ 14 95	$ 12 99	
1"	20 39	20.39	20 39	20.39	20 39	-	23 45	20.39	
1.5"	32 23	32 23	32.23	32.23	32 23	-	37 06	32.23	
2"	46 43	46.43	46.43	46 43	46 43	-	53 40	46.43	
3"	79 58	79.58	79 58	79.58	79 58	-	91 51	79 58	
4"	126.93	126 93	126.93	126 93	126.93	-	145.97	126 93	
6"	245.29	245 29	245.29	245 29	245.29	-	282.09	245 29	
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"	$ 390,480	$ 4,054	$ 312	$ 31,655	$ -	$ -	$ 359	$ 636	$ 427,497
1"	102,805	5,627	489	-	245	-	-	310,412	419,577
1.5"	395	3,094	-	-	-	-	-	789	4,278
2"	-	31,203	8,915	-	-	-	-	2,842	42,960
3"	-	2,865	9,550	-	-	-	-	-	12,415
4"	-	13,708	4,569	-	-	-	-	-	18,278
6"	-	2,944	-	-	-	-	-	-	2,944
8"	-	-	-	-	-	-	-	-	-
Total	$ 493,680	$ 63,495	$ 23,835	$ 31,655	$ 245	$ -	$ 359	$ 314,679	$ 927,948
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	$ 493,680	$ 63,495	$ 23,835	$ 31,655	$ 245	$ -	$ 359	$ 314,679	$ 927,948
Volumetric Revenue	2,117,288	636,165	573,528	52,665	178	-	1,259	770,989	4,152,072
Total Revenue	$ 2,610,968	$ 699,660	$ 597,363	$ 84,320	$ 423	$ -	$ 1,617	$ 1,085,668	$ 5,080,019

Revenue Requirement	$ 5,326,406
Over/(Under) Recovery ($)	$ (246,386)
Over/(Under) Recovery (%)	-4.85%

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	8,441	8,678	8,921	9,171	9,427
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	$ 290,296	$ 305,000	$ 321,119	$ 338,792	$ 358,173
	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	$ -	$ -	$ -
135-69008-020-000	Short Term Debt	-	-	-	-	-
135-69280-020-000	Capital Repairs	-	-	-	-	-
	TOTAL CAPITAL EXPENDITURES	$ 142,000	$ 309,000	$ -	$ -	$ -
	TOTAL WASTEWATER EXPENDITURES	$ 1,134,832	$ 1,336,207	$ 1,063,548	$ 1,102,009	$ 1,142,760
	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	$ 2,347	$ 3,506	$ 3,599	$ 3,648	$ 3,695
135-50030-026-000	Social Security Taxes	145	217	223	226	229
135-50035-026-000	Medicare Taxes	34	51	52	53	54
135-50040-026-000	Unemployment Taxes	54	81	83	84	85

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
135-50045-026-000	Workman's Compensation	8	13	13	13	13
	TOTAL PERSONNEL SERVICES	**$ 2,589**	**$ 3,867**	**$ 3,970**	**$ 4,024**	**$ 4,076**
	OPERATING EXPENDITURES					
135-60035-026-000	Postage	$ -	$ -	$ -	$ -	$ -
135-60066-026-000	Publications/Books/Subscripts	35	53	54	55	55
135-60070-026-000	Dues & Memberships	117	175	180	182	185
135-60075-026-000	Meetings	223	333	342	347	351
135-60080-026-000	Schools & Training	939	1,402	1,440	1,459	1,478
135-60100-026-000	Travel & per diem	997	1,490	1,530	1,550	1,570
135-60245-026-000	Miscellaneous Expenses	469	701	720	730	739
	TOTAL OPERATING EXPENDITURES	**$ 2,781**	**$ 4,154**	**$ 4,265**	**$ 4,322**	**$ 4,378**
	CONSUMABLE SUPPLIES					
135-65085-026-000	Office Supplies	$ -	$ -	$ -	$ -	$ -
	TOTAL CONSUMABLE SUPPLIES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	CAPITAL EXPENDITURES					
	TOTAL CAPITAL EXPENDITURES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
	TOTAL BOARD OF DIRECTORS EXPENDITURES	**$ 5,369**	**$ 8,021**	**$ 8,236**	**$ 8,346**	**$ 8,454**
	ADMINISTRATION					
	PERSONNEL SERVICES					
135-50005-030-000	Salaries & Wages	$ 140,669	$ 182,723	$ 187,687	$ 191,111	$ 194,546
135-50010-030-000	Overtime	299	388	399	406	413
135-50016-030-000	Longevity	981	1,274	1,309	1,333	1,357
135-50020-030-000	Retirement	12,606	16,374	16,819	17,126	17,434
135-50026-030-000	Medical Insurance	18,527	24,066	24,720	25,171	25,624
135-50027-030-000	Dental Insurance	1,343	1,744	1,792	1,825	1,857
135-50028-030-000	Vision Insurance	333	433	445	453	461
135-50029-030-000	Life Insurance & Other	1,295	1,682	1,728	1,759	1,791
135-50030-030-000	Social Security Taxes	8,861	11,511	11,823	12,039	12,256
135-50035-030-000	Medicare Taxes	2,187	2,840	2,917	2,971	3,024
135-50040-030-000	Unemployment Taxes	433	562	578	588	599
135-50045-030-000	Workman's Compensation	489	635	652	664	676
135-50060-030-000	Pre-emp Physicals/Testing	149	194	199	203	207
135-50070-030-000	Employee Relations	1,494	1,941	1,994	2,030	2,066
135-50075-030-000	Tuition Reimbursement	-	-	-	-	-
	TOTAL PERSONNEL SERVICES	**$ 189,666**	**$ 246,369**	**$ 253,062**	**$ 257,678**	**$ 262,311**
	PROFESSIONAL & CONTRACTUAL SERVICES					
135-55030-030-000	Software & Support	$ 36,348	$ 47,215	$ 48,497	$ 49,382	$ 50,270
135-55070-030-000	Independent Labor	9,727	12,635	12,978	13,215	13,452
135-55080-030-000	Maintenance & Repairs	1,345	1,747	1,794	1,827	1,860
135-55100-030-000	Building Maint & Supplies	1,942	2,523	2,592	2,639	2,686

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	2,421	3,144	3,230	3,288	3,348
135-55160-030-000	Professional Outside Services	18,512	24,047	24,700	25,151	25,603
135-55161-030-000	Town Personnel Contract	7,820	10,158	10,434	10,625	10,816
135-55165-030-000	Collection Fees	60	78	80	81	83
135-55205-030-000	Utility Billing Contract	2,450	3,183	3,269	3,329	3,389
	TOTAL PROFESSIONAL & CONTRACTUAL SERVICES	**$ 80,626**	**$ 104,729**	**$ 107,575**	**$ 109,537**	**$ 111,506**
	OPERATING EXPENDITURES					
135-60005-030-000	Telephone	$ 3,992	$ 5,186	$ 5,327	$ 5,424	$ 5,521
135-60010-030-000	Communications/Pagers/Mobiles	1,212	1,575	1,618	1,647	1,677
135-60020-030-000	Electricity	3,586	4,984	5,478	5,969	6,502
135-60025-030-000	Water	448	582	598	609	620
135-60030-030-000	Rent And/or Usage	-	-	-	-	-
135-60035-030-000	Postage	8,517	11,063	11,363	11,571	11,779
135-60040-030-000	Bank Service Charges & Fees	9,563	12,421	12,759	12,992	13,225
135-60050-030-000	Bad Debt Expense	1,853	2,407	2,472	2,517	2,562
135-60055-030-000	Insurance	14,568	18,924	19,438	19,792	20,148
135-60066-030-000	Publications/Books/Subscripts	478	621	638	650	661
135-60070-030-000	Dues & Memberships	1,793	2,329	2,392	2,436	2,480
135-60075-030-000	Meetings	1,338	1,739	1,786	1,818	1,851
135-60080-030-000	Schools & Training	3,059	3,973	4,081	4,155	4,230
135-60100-030-000	Travel & per diem	1,614	2,096	2,153	2,192	2,232
135-60110-030-000	Physicals/Testing	60	78	80	81	83
135-60115-030-000	Elections	-	-	-	-	-
135-60125-030-000	Advertising	747	970	997	1,015	1,033
135-60130-030-000	Reg Assessment Fee (5%)	-	-	-	-	-
135-60235-030-000	Security	403	524	538	548	558
135-60245-030-000	Miscellaneous Expenses & DM Discretionary	5,230	6,793	6,977	7,105	7,232
135-60270-030-000	4th of July Celebration	2,988	3,882	3,987	4,060	4,133
135-60360-030-000	Furniture/Equipment < $5000	3,130	4,066	4,177	4,253	4,329
	TOTAL OPERATING EXPENDITURES	**$ 64,579**	**$ 84,212**	**$ 86,858**	**$ 88,833**	**$ 90,856**
	CONSUMABLE SUPPLIES					
135-65010-030-000	Uniforms	$ 554	$ 720	$ 740	$ 753	$ 767
135-65055-030-000	Hardware IT	10,527	13,674	14,045	14,301	14,558
135-65085-030-000	Office Supplies	2,689	3,494	3,588	3,654	3,720
135-65090-030-000	Printer Supplies & Maintenance	1,414	1,837	1,887	1,921	1,956
135-65095-030-000	Maintenance Supplies	1,494	1,941	1,994	2,030	2,066
135-65097-030-000	Vending Machine Supplies	60	78	80	81	83
135-65105-030-000	Printing	1,434	1,863	1,914	1,949	1,984
135-69170-030-000	Copier Lease Installments	1,266	1,644	1,689	1,720	1,751
135-69195-030-000	Gasb34/Reserve for Replacement IT	4,880	6,338	6,511	6,629	6,749
135-69005-030-000	Capital Outlays	18,527	23,411	23,392	23,170	22,944
	TOTAL CONSUMABLE SUPPLIES	**$ 42,846**	**$ 54,999**	**$ 55,838**	**$ 56,208**	**$ 56,576**
	TOTAL ADMINSTRATION EXPENDITURES	**$ 377,717**	**$ 490,309**	**$ 503,333**	**$ 512,257**	**$ 521,249**

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	$ 109,685	$ 163,849	$ 168,233	$ 170,486	$ 172,689
135-55055-039-000	Auditing	5,278	7,884	8,095	8,204	8,310
135-55060-039-000	Appraisal	2,347	3,506	3,599	3,648	3,695
135-55065-039-000	Tax Admin Fees	892	1,332	1,368	1,386	1,404
135-60344-039-000	Intergov Trans Out (Fire CIP)	-	-	-	-	-
	TOTAL NON DEPARTMENTAL	**$ 118,201**	**$ 176,571**	**$ 181,295**	**$ 183,723**	**$ 186,098**
	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	**$ 2,248,321**	**$ 3,171,924**	**$ 3,051,794**	**$ 3,104,083**	**$ 3,160,741**
	REVENUE OFFSETS					
	DEBT SERVICE REVENUES					
533-40000-000-000	Property Taxes	$ 109,360	$ 158,914	$ 158,722	$ 156,466	$ 154,172
533-40002-000-000	Property Taxes/Delinquent	587	853	851	839	827
533-40015-000-000	Property Taxes/P & I	375	546	545	537	529
533-48005-000-000	Reserve Funds from PID Utility Fees	3,285	4,774	4,768	4,701	4,632
533-49010-000-000	Interest Income	181	181	181	181	181
533-49015-000-000	Lease/Rental Income	49,710	72,235	72,147	71,122	70,079
533-49110-000-000	Premium on Bonds Sold	-	-	-	-	-
	TOTAL DEBT SERVICE REVENUES	**$ 365,742**	**$ 439,746**	**$ 439,458**	**$ 436,090**	**$ 432,663**
	GENERAL FUND REVENUES					
135-40000-000-000	Property Taxes	$ 39,391	$ 57,240	$ 57,171	$ 56,358	$ 55,532
135-40002-000-000	Property Taxes/Delinquent	-	-	-	-	-
135-40015-000-000	Property Taxes/P & I	211	307	307	302	298
135-40025-000-000	PID Surcharge	31,445	45,693	45,638	44,990	44,330
135-47000-000-000	Water	-	-	-	-	-
135-47005-000-000	Sewer	-	-	-	-	-
135-47020-000-000	Standby	-	-	-	-	-
135-47025-000-000	Penalties	18,774	27,280	27,247	26,860	26,466
135-47030-000-000	Service Charges	4,814	4,817	4,817	4,817	4,817
135-47035-000-000	Plumbing Inspections	469	682	681	672	662
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	3,370	3,372	3,372	3,372	3,372
135-49018-000-000	Building Rent Income	-	-	-	-	-
135-49030-000-000	Vending Revenue	-	-	-	-	-
135-49035-000-000	Prior Year Reserves	17,531	25,475	25,444	25,083	24,715
135-49036-000-000	GASB Reserves	-	-	-	-	-
135-49075-000-000	Oversize Meter Reimbursement	33,216	33,237	33,237	33,237	33,237
135-49900-000-000	Miscellaneous Income	48	48	48	48	48
135-49901-000-000	Records Management	-	-	-	-	-
135-49905-000-000	Gas Well Revenue					
	TOTAL GENERAL FUND REVENUES	**$ 252,932**	**$ 301,821**	**$ 301,631**	**$ 299,408**	**$ 297,146**
	TOTAL REVENUE OFFSETS	**$ 618,674**	**$ 741,567**	**$ 741,089**	**$ 735,498**	**$ 729,809**
	TOTAL REVENUE REQUIREMENT	**$ 1,629,647**	**$ 2,430,357**	**$ 2,310,704**	**$ 2,368,585**	**$ 2,430,932**
		336,000				

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					
0-18,000 Gallons	404,304	412,390	412,390	412,390	412,390
Total	**404,304**	**412,390**	**412,390**	**412,390**	**412,390**
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					
0-18,000 Gallons	127,319	129,865	129,865	129,865	129,865
Total	**127,319**	**129,865**	**129,865**	**129,865**	**129,865**
Total Billed Flow (1,000 gallons)	**617,134**	**625,487**	625,487	**625,487**	625,487
	1,022,562				
	60%				

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)	404,304	28,742	-	42,294	12,196	2,280	-	127,319	617,134
Projected Revenue									
Meter Charge Revenue	$ 499,861	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 214,326	$ 730,633
Volumetric Revenue	1,010,760	71,855	-	105,734	30,490	6,566	-	318,296	1,543,702
Total Revenue	$ 1,510,621	$ 82,527	$ -	$ 109,409	$ 32,590	$ 6,566	$ -	$ 532,622	$ 2,274,335

Revenue Requirement	$ 1,629,647
Over/(Under) Recovery ($)	$ 644,689
Over/(Under) Recovery (%)	28%

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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)	412,390	28,742	-	42,294	12,196	-	-	129,865	625,487
Projected Revenue									
Meter Charge Revenue	$ 509,858	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 218,613	$ 744,917
Volumetric Revenue	1,030,975	71,855	-	105,734	30,490	-	-	324,662	1,563,717
Total Revenue	$ 1,540,833	$ 82,527	$ -	$ 109,409	$ 32,590	$ -	$ -	$ 543,275	$ 2,308,634

Revenue Requirement	$ 2,430,357
Over/(Under) Recovery ($)	$ (121,723)
Over/(Under) Recovery (%)	-5%

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)	412,390	28,742	-	42,294	12,196	-	-	129,865	625,487
Projected Revenue									
Meter Charge Revenue	$ 509,858	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 218,613	$ 744,917
Volumetric Revenue	1,030,975	71,855	-	105,734	30,490	-	-	324,662	1,563,717
Total Revenue	$ 1,540,833	$ 82,527	$ -	$ 109,409	$ 32,590	$ -	$ -	$ 543,275	$ 2,308,634

Revenue Requirement	$ 2,310,704
Over/(Under) Recovery ($)	$ (2,070)
Over/(Under) Recovery (%)	0%

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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)	412,390	28,742	-	42,294	12,196	-	-	129,865	625,487
Projected Revenue									
Meter Charge Revenue	$ 509,858	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 218,613	$ 744,917
Volumetric Revenue	1,030,975	71,855	-	105,734	30,490	-	-	324,662	1,563,717
Total Revenue	$ 1,540,833	$ 82,527	$ -	$ 109,409	$ 32,590	$ -	$ -	$ 543,275	$ 2,308,634

Revenue Requirement	$ 2,368,585
Over/(Under) Recovery ($)	$ (59,951)
Over/(Under) Recovery (%)	-3%

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)	412,390	28,742	-	42,294	12,196	-	-	129,865	625,487
Projected Revenue									
Meter Charge Revenue	$ 509,858	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 218,613	$ 744,917
Volumetric Revenue	1,030,975	71,855	-	105,734	30,490	-	-	324,662	1,563,717
Total Revenue	$ 1,540,833	$ 82,527	$ -	$ 109,409	$ 32,590	$ -	$ -	$ 543,275	$ 2,308,634

Revenue Requirement	$ 2,430,932
Over/(Under) Recovery ($)	$ (122,298)
Over/(Under) Recovery (%)	-5%

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	$ 2.63	$ 2.63	$ 2.63	$ 2.63
Commercial						
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 2.63	$ 2.63	$ 2.63	$ 2.63
Commercial (Solana)						
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 2.63	$ 2.63	$ 2.63	$ 2.63
Apartments						
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 2.63	$ 2.63	$ 2.63	$ 2.63
Commercial (Metered)						
Volumetric Charge (per 1,000 Gallons)	$ 2.50	$ 2.50	$ 2.63	$ 2.63	$ 2.63	$ 2.63
Out of District Sales (Metered)						
Volumetric Charge (per 1,000 Gallons)	$ 2.88	$ 2.88	$ 3.03	$ 3.03	$ 3.03	$ 3.03
Out of District Sales						
Volumetric Charge (per 1,000 Gallons)	$ 2.88	$ 2.88	$ 3.03	$ 3.03	$ 3.03	$ 3.03
PID Residential						
0-18,000 Gallons	$ 2.50	$ 2.50	$ 2.63	$ 2.63	$ 2.63	$ 2.63

Minimum Charge

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential	$ 14.58	$ 14.58	$ 15.35	$ 15.35	$ 15.35	$ 15.35
Commercial	$ 14.58	$ 14.58	$ 15.35	$ 15.35	$ 15.35	$ 15.35
Commercial (Solana)	$ 14.58	$ 14.58	$ 15.35	$ 15.35	$ 15.35	$ 15.35
Apartments	$ 14.58	$ 14.58	$ 15.35	$ 15.35	$ 15.35	$ 15.35
Commercial (Metered)	$ 14.58	$ 14.58	$ 15.35	$ 15.35	$ 15.35	$ 15.35
Out of District Sales (Metered)	$ 16.77	$ 16.77	$ 17.66	$ 17.66	$ 17.66	$ 17.66
Out of District Sales	$ 16.77	$ 16.77	$ 17.66	$ 17.66	$ 17.66	$ 17.66
PID Residential	$ 14.58	$ 14.58	$ 15.35	$ 15.35	$ 15.35	$ 15.35

Water Rate Revenue

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%	5.30%	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%	5.30%	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%	5.30%	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%	5.30%	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%	5.30%	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%	5.30%	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%	5.30%	0.00%	0.00%	0.00%
PID Residential	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
0-18,000 Gallons	0.00%	5.30%	0.00%	0.00%	0.00%

MUD 1 Residential	0.00%	5.30%	0.00%	0.00%	0.00%
Commercial	0.00%	5.30%	0.00%	0.00%	0.00%
Commercial (Solana)	0.00%	5.30%	0.00%	0.00%	0.00%
Apartments	0.00%	5.30%	0.00%	0.00%	0.00%
Commercial (Metered)	0.00%	5.30%	0.00%	0.00%	0.00%
Out of District Sales (Metered)	0.00%	5.30%	0.00%	0.00%	0.00%
Out of District Sales	0.00%	5.30%	0.00%	0.00%	0.00%
PID Residential	0.00%	5.30%	0.00%	0.00%	0.00%

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

Rate Adjustment Assumptions

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019

Volumetric Rates (gallons)

	Current	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
MUD 1 Residential						
Minimum Charge	$ 499,861	$ 499,861	$ 536,880	$ 536,880	$ 536,880	$ 536,880
Volumetric Charge	1,010,760	1,010,760	1,085,617	1,085,617	1,085,617	1,085,617
Total	$ 1,510,621	$ 1,510,621	$ 1,622,498	$ 1,622,498	$ 1,622,498	$ 1,622,498
Commercial						
Minimum Charge	$ 10,673	$ 10,673	$ 11,238	$ 11,238	$ 11,238	$ 11,238
Volumetric Charge	71,855	71,855	75,663	75,663	75,663	75,663
Total	$ 82,527	$ 82,527	$ 86,901	$ 86,901	$ 86,901	$ 86,901
Commercial (Solana)						
Minimum Charge	$ 3,674	$ 3,674	$ 3,869	$ 3,869	$ 3,869	$ 3,869
Volumetric Charge	105,734	105,734	111,338	111,338	111,338	111,338
Total	$ 109,409	$ 109,409	$ 115,207	$ 115,207	$ 115,207	$ 115,207
Apartments						
Minimum Charge	$ 2,100	$ 2,100	$ 2,211	$ 2,211	$ 2,211	$ 2,211
Volumetric Charge	30,490	30,490	32,106	32,106	32,106	32,106
Total	$ 32,590	$ 32,590	$ 34,317	$ 34,317	$ 34,317	$ 34,317
Commercial (Metered)						
Minimum Charge	$ -	$ -	$ -	$ -	$ -	$ -
Volumetric Charge	-	-	-	-	-	-
Total	$ -	$ -	$ -	$ -	$ -	$ -
Out of District Sales (Metered)						
Minimum Charge	$ -	$ -	$ -	$ -	$ -	$ -
Volumetric Charge	6,566	6,566	-	-	-	-
Total	$ 6,566	$ 6,566	$ -	$ -	$ -	$ -
Out of District Sales						
Meter Charge	$ -	$ -	$ -	$ -	$ -	$ -
Volumetric Charge	-	-	-	-	-	-
Total	$ -	$ -	$ -	$ -	$ -	$ -
PID Residential						
Meter Charge	$ 214,326	$ 214,326	$ 230,199	$ 230,199	$ 230,199	$ 230,199
Volumetric Charge	318,296	318,296	341,869	341,869	341,869	341,869
Total	$ 532,622	$ 532,622	$ 572,068	$ 572,068	$ 572,068	$ 572,068
Total						
Minimum Charge	$ 730,633	$ 730,633	$ 784,397	$ 784,397	$ 784,397	$ 784,397
Volumetric Charge	1,543,702	1,543,702	1,646,594	1,646,594	1,646,594	1,646,594
Total	$ 2,274,335	$ 2,274,335	$ 2,430,991	$ 2,430,991	$ 2,430,991	$ 2,430,991
Total Rate Revenue	$ 2,274,335	$ 2,274,335	$ 2,430,991	$ 2,430,991	$ 2,430,991	$ 2,430,991
Revenue Requirement	1,629,647	1,629,647	2,430,357	2,310,704	2,368,585	2,430,932
$ Over/(Under) Recovery	$ 644,689	$ 644,689	$ 634	$ 120,287	$ 62,406	$ 60
% Over/(Under) Recovery	28.3%	28.3%	0.0%	4.9%	2.6%	0.0%

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)	404,304	28,742	-	42,294	12,196	2,280	-	127,319	617,134
Projected Revenue									
Meter Charge Revenue	$ 499,861	$ 10,673	$ -	$ 3,674	$ 2,100	$ -	$ -	$ 214,326	$ 730,633
Volumetric Revenue	1,010,760	71,855	-	105,734	30,490	6,566	-	318,296	1,543,702
Total Revenue	$ 1,510,621	$ 82,527	$ -	$ 109,409	$ 32,590	$ 6,566	$ -	$ 532,622	$ 2,274,335

Revenue Requirement	$ 1,629,647
Over/(Under) Recovery ($)	$ 644,689
Over/(Under) Recovery (%)	28%

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	$ 15 35	$ 15 35	$ 15 35	$ 15 35	$ 15.35	$ 17 66	$ 17.66	$ 15.35	
Volumetric Charge (per 1,000 Gallons)	$ 2.63	$ 2 63	$ 2 63	$ 2.63	$ 2.63	$ 3 03	$ 3.03	$ 2 63	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	412,390	28,742	-	42,294	12,196	-	-	129,865	625,487
Projected Revenue									
Meter Charge Revenue	$ 536,880	$ 11,238	$ -	$ 3,869	$ 2,211	$ -	$ -	$ 230,199	$ 784,397
Volumetric Revenue	1,085,617	75,663	-	111,338	32,106	-	-	341,869	1,646,594
Total Revenue	$ 1,622,498	$ 86,901	$ -	$ 115,207	$ 34,317	$ -	$ -	$ 572,068	$ 2,430,991

Revenue Requirement	$ 2,430,357
Over/(Under) Recovery ($)	$ 634
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	$ 15 35	$ 15.35	$ 15 35	$ 15 35	$ 15 35	$ 17 66	$ 17 66	$ 15.35	
Volumetric Charge (per 1,000 Gallons)	$ 2 63	$ 2.63	$ 2.63	$ 2 63	$ 2 63	$ 3.03	$ 3 03	$ 2 63	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	412,390	28,742	-	42,294	12,196	-	-	129,865	625,487
Projected Revenue									
Meter Charge Revenue	$ 536,880	$ 11,238	$ -	$ 3,869	$ 2,211	$ -	$ -	$ 230,199	$ 784,397
Volumetric Revenue	1,085,617	75,663	-	111,338	32,106	-	-	341,869	1,646,594
Total Revenue	$ 1,622,498	$ 86,901	$ -	$ 115,207	$ 34,317	$ -	$ -	$ 572,068	$ 2,430,991

Revenue Requirement	$ 2,310,704
Over/(Under) Recovery ($)	$ 120,287
Over/(Under) Recovery (%)	5%

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	$ 15 35	$ 15 35	$ 15.35	$ 15.35	$ 15 35	$ 17.66	$ 17 66	$ 15 35	
Volumetric Charge (per 1,000 Gallons)	$ 2.63	$ 2.63	$ 2.63	$ 2 63	$ 2.63	$ 3.03	$ 3.03	$ 2.63	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	412,390	28,742	-	42,294	12,196	-	-	129,865	625,487
Projected Revenue									
Meter Charge Revenue	$ 536,880	$ 11,238	$ -	$ 3,869	$ 2,211	$ -	$ -	$ 230,199	$ 784,397
Volumetric Revenue	1,085,617	75,663	-	111,338	32,106	-	-	341,869	1,646,594
Total Revenue	$ 1,622,498	$ 86,901	$ -	$ 115,207	$ 34,317	$ -	$ -	$ 572,068	$ 2,430,991

Revenue Requirement	$ 2,368,585
Over/(Under) Recovery ($)	$ 62,406
Over/(Under) Recovery (%)	3%

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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	$ 15 35	$ 15 35	$ 15.35	$ 15 35	$ 15 35	$ 17.66	$ 17.66	$ 15.35	
Volumetric Charge (per 1,000 Gallons)	$ 2 63	$ 2 63	$ 2.63	$ 2 63	$ 2.63	$ 3.03	$ 3.03	$ 2.63	
Billing Determinants									
Annual # of Meters	34,970	732	-	252	144	-	-	14,994	51,092
Billed Flow (000, gallons)	412,390	28,742	-	42,294	12,196	-	-	129,865	625,487
Projected Revenue									
Meter Charge Revenue	$ 536,880	$ 11,238	$ -	$ 3,869	$ 2,211	$ -	$ -	$ 230,199	$ 784,397
Volumetric Revenue	1,085,617	75,663	-	111,338	32,106	-	-	341,869	1,646,594
Total Revenue	$ 1,622,498	$ 86,901	$ -	$ 115,207	$ 34,317	$ -	$ -	$ 572,068	$ 2,430,991

Revenue Requirement	$ 2,430,932
Over/(Under) Recovery ($)	$ 60
Over/(Under) Recovery (%)	0%

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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 Va ves $6500 each			2015	65,000	65,000	65,000		-
Fort Worth Water L ne			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 Feasibility 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	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder					-			-
Placeholder					-		-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-			-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder					-			-
Placeholder					-	-		-
Placeholder				-	-	-	-	-
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Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-		-	-
Placeholder				-	-			-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-		-
Placeholder					-		-	-
Placeholder					-			-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder					-			-
Placeholder					-			-
TOTAL				$ 1,819,597	$ 1,828,597	$ 1,828,597	$ -	$ -

TCMUD000199
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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	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
Placeholder					-			-
Placeholder					-	-	-	-
Placeholder					-	-	-	-
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Placeholder					-	-	-	-
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Placeholder					-	-	-	-
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Placeholder					-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder					-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Placeholder				-	-		-	-
Placeholder				-	-	-	-	-
Placeholder				-	-	-	-	-
Subtotals				$ 15,437,000	$ 15,446,000	$ 451,000	$ -	$ 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	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-
TOTAL	**$ 1,519,597**	**$ 309,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
WASTEWATER										
Cash	$ 142,000	$ 309,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	14,995,000	-	-	-	-	-	-	-	-	-
TOTAL	**$ 15,137,000**	**$ 309,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL CIP FUNDING										
Cash	$ 1,661,597	$ 618,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	14,995,000	-	-	-	-	-	-	-	-	-
TOTAL	**$ 16,656,597**	**$ 618,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000
Needed	14,995,000	-	-	-	-	-	-	-	-	-
Issued	-	-	-	-	-	-	-	-	-	-
Ending Balance	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**	**$ 14,995,000**
Current Unappropriated Bond Fund Balance	$ -									
Debt Needs Amount	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000	$ 14,995,000
New Debt to be Issued	-	-	-	-	-	-	-	-	-	-

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
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

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	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

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

FINANCIAL SUMMARY	2015 Projected	2016 Projected	2017 Projected	2018 Projected	2019 Projected
Interest Rate Factor		0.60%	0.60%	0.60%	0.60%
BEGINNING FUND BALANCE					
Unrestricted Cash Reserves	$ 588,167	$ (462,218)	$ (1,134,608)	$ (1,465,575)	$ (2,081,433)
TOTAL BEGINNING FUND BALANCE	$ 588,167	$ (462,218)	$ (1,134,608)	$ (1,465,575)	$ (2,081,433)
REVENUES					
Water Revenue	$ 4,459,380	$ 4,523,994	$ 4,523,994	$ 4,523,994	$ 4,523,994
Wastewater Revenue	2,274,335	2,308,634	2,308,634	2,308,634	2,308,634
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	$ 8,530,422	$ 8,629,335	$ 8,629,335	$ 8,629,335	$ 8,629,335
TOTAL FUNDS AVAILABLE	$ 9,118,589	$ 8,167,117	$ 7,494,727	$ 7,163,760	$ 6,547,902
CURRENT EXPENSES					
Water Expense	$ 5,600,275	$ 4,522,914	$ 4,397,427	$ 4,590,986	$ 4,795,224
Wastewater Expense	1,134,832	1,336,207	1,063,548	1,102,009	1,142,760
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	$ 9,580,807	$ 9,301,725	$ 8,960,302	$ 9,245,193	$ 9,554,045
TRANSFERS OUT	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	$ 9,580,807	$ 9,301,725	$ 8,960,302	$ 9,245,193	$ 9,554,045
ENDING FUND BALANCE (less Future Expenses)					
Reserved Fund Balance	$ (462,218)	$ (1,134,608)	$ (1,465,575)	$ (2,081,433)	$ (3,006,142)

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	$ (462,218)	$ (456,226)	$ (108,810)	$ (46,285)
TOTAL BEGINNING FUND BALANCE	$ 588,167	$ (462,218)	$ (456,226)	$ (108,810)	$ (46,285)
REVENUES					
Water Revenue	$ 4,459,380	$ 5,080,019	$ 5,080,019	$ 5,080,019	$ 5,080,019
Wastewater Revenue	2,274,335	2,430,991	2,430,991	2,430,991	2,430,991
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	$ 8,530,422	$ 9,307,718	$ 9,307,718	$ 9,307,718	$ 9,307,718
TOTAL FUNDS AVAILABLE	$ 9,118,589	$ 8,845,499	$ 8,851,492	$ 9,198,908	$ 9,261,433
CURRENT EXPENSES					
Water Expense	$ 5,600,275	$ 4,522,914	$ 4,397,427	$ 4,590,986	$ 4,795,224
Wastewater Expense	1,134,832	1,336,207	1,063,548	1,102,009	1,142,760
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	$ 9,580,807	$ 9,301,725	$ 8,960,302	$ 9,245,193	$ 9,554,045
TRANSFERS OUT	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSES	$ 9,580,807	$ 9,301,725	$ 8,960,302	$ 9,245,193	$ 9,554,045
ENDING FUND BALANCE (less Future Expenses)					
Reserved Fund Balance	$ (462,218)	$ (456,226)	$ (108,810)	$ (46,285)	$ (292,611)

Trophy Club MUD No. 1
Water and Wastewater Cost of Service & Rate Design Model
Table of Contents

Budget Fiscal Year
2015

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Inflation and Allocation Inputs

Inflation Factor Assumptions

Description	FY 2016	FY 2017	FY 2018	FY 2019
Personnel Services	2.80%	2.80%	2.80%	2.80%
Professional Services	2.80%	2.80%	2.80%	2.80%
Operating Expenditures	2.80%	2.80%	2.80%	2.80%
Consumable Supplies	2.80%	2.80%	2.80%	2.80%
Capital	0.00%	0.00%	0.00%	0.00%
Electricity	10.00%	10.00%	10.00%	10.00%
Chemicals	2.80%	2.80%	2.80%	2.80%
General	2.80%	2.80%	2.80%	2.80%
Wholesale Water	3.27%	4.76%	4.78%	4.81%
None	0.00%	0.00%	0.00%	0.00%
2015	0.00%	0.00%	0.00%	0.00%
Reserve Fund	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%
Blank	0.00%	0.00%	0.00%	0.00%

Water and Sewer Allocation Factors

Description	FY 2015		FY 2016		FY 2017		FY 2018		FY 2019	
	Water %	Sewer %	Water %	Sewer %	Water %	Sewer %	Water %	Sewer %	Water %	Sewer %
100% Water	100%	0%	100%	0%	100%	0%	100%	0%	100%	0%
100% Sewer	0%	100%	0%	100%	0%	100%	0%	100%	0%	100%
Customers	52%	48%	52%	48%	52%	48%	52%	48%	52%	48%
Existing Debt Service	42%	58%	28%	72%	19%	81%	19%	81%	20%	80%
None	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Projected Debt Service	0%	100%	0%	100%	0%	100%	0%	100%	0%	100%
Total Composite	77%	23%	66%	34%	66%	34%	66%	34%	67%	33%
Admin Composite	70%	30%	62%	38%	62%	38%	63%	37%	63%	37%
Blank	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Blank	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Blank	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Blank	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Blank	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Blank	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Blank	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Inflation and Allocation Inputs

Base/Extra/Customer Alloc Factors															
	FY 2015			FY 2016			FY 2017			FY 2018			FY 2019		
Description	% Base	% Extra	% Customer	% Base	% Extra	% Customer	% Base	% Extra	% Customer	% Base	% Extra	% Customer	% Base	% Extra	% Customer
100% Base	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%
100% Extra	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%
100% Customer	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Revenue Requirement	40%	55%	5%	41%	53%	6%	40%	54%	6%	40%	54%	6%	40%	54%	6%
Base/Extra	42%	58%	0%	42%	58%	0%	42%	58%	0%	42%	58%	0%	42%	58%	0%
None	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
COS Composite	45%	50%	6%	46%	48%	6%	45%	49%	7%	45%	49%	7%	45%	49%	7%
Personnel Composite	33%	46%	21%	33%	46%	21%	33%	46%	21%	33%	46%	21%	33%	46%	21%
Professional Services	33%	46%	21%	33%	46%	21%	33%	46%	21%	33%	46%	21%	33%	46%	21%
Operating Expenditures	35%	44%	21%	36%	44%	21%	36%	44%	21%	36%	43%	21%	36%	43%	21%
Consumable Supplies	23%	17%	60%	23%	17%	60%	23%	17%	60%	23%	17%	60%	23%	17%	60%
Blank	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Trophy Club MUD No. 1
Water and Wastewater COS & Rate Design Model
Current Rate Input

WATER

MUD 1 Residential

Volume (Gallons)	Meter Size 3/4" - 5/8"	1"	1-1/2"	2"	3"	4"	6"	8"
Demand Charge	12.71	16.71	26.42	38.06	65.23	104.04	201.06	0.00
0-6,000	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
6,001-17,000	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
17,001-25,000	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64
25,001-50,000	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23
50,0001 +	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91

Commercial

Volume (Gallons)	Meter Size 3/4" - 5/8"	1"	1-1/2"	2"	3"	4"	6"	8"
Demand Charge	12.71	16.71	26.42	38.06	65.23	104.04	201.06	0.00
0-6,000	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
6,001-17,000	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
17,001-25,000	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64
25,001-50,000	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23
50,0001 +	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91

Commercial (Solana)

Volume (Gallons)	Meter Size 3/4" - 5/8"	1"	1-1/2"	2"	3"	4"	6"	8"
Demand Charge	12.71	16.71	26.42	38.06	65.23	104.04	201.06	0.00
0-6,000	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
6,001-17,000	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
17,001-25,000	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64
25,001-50,000	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23
50,0001 +	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91

Apartments

Volume (Gallons)	Meter Size 3/4" - 5/8"	1"	1-1/2"	2"	3"	4"	6"	8"
Demand Charge	12.71	16.71	26.42	38.06	65.23	104.04	201.06	0.00
0-6,000	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
6,001-17,000	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
17,001-25,000	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64
25,001-50,000	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23
50,0001 +	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91

Summit Median

Volume (Gallons)	Meter Size 3/4" - 5/8"	1"	1-1/2"	2"	3"	4"	6"	8"
Demand Charge	12.71	16.71	26.42	38.06	65.23	104.04	201.06	0.00
0-6,000	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
6,001-17,000	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
17,001-25,000	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64
25,001-50,000	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23
50,0001 +	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91

Sewer

MUD 1 Residential

Volume (Gallons)	$
Meter Charge	14.58
0-18,000 Gallons	2.50

Commercial

Volume (Gallons)	$
Meter Charge	14.58
Volumetric Charge (per 1,000 Ga	2.50

Commercial (Solana)

Volume (Gallons)	$
Meter Charge	14.58
Volumetric Charge (per 1,000 Ga	2.50

Apartments

Volume (Gallons)	$
Meter Charge	14.58
Volumetric Charge (per 1,000 Ga	2.50

Commercial (Metered)

Volume (Gallons)	$
Meter Charge	14.58
Volumetric Charge (per 1,000 Ga	2.50