

Oct 2017 data added and sites with < 4 data points removed.

All non-detects at 1/2 the detect level.

Test Site No.	Test Site Name	Sample Date	RAW DATA					CLEAN DATA*		LOG-TRANSFORMED DATA		TEST UNIT AVERAGES	
			Influent		Effluent			Effluent		Effluent		Effluent	
			BOD ₅ (mg/L)	TSS (mg/L)	CBOD ₅ (mg/L)	BOD ₅ (mg/L)	TSS (mg/L)	BOD ₅ (mg/L)	TSS (mg/L)	BOD ₅ (mg/L)	TSS (mg/L)	BOD ₅ (mg/L)	TSS (mg/L)
1	7500 Hunter Woods Dr.	10/10/17	408	154		5.0	2	5	2	1.609	0.693	1.908	0.944
		12/13/17			6	7.2	7	7.2	7	1.974	1.946		
		3/13/18	>2070	5410	8	9.6	4	9.6	4	2.262	1.386		
		6/12/18	371	231	4	4.8	2	4.8	2	1.569	0.693		
		8/7/18	312	118	7	8.4	1	8.4	1	2.128	0.000		
2	7501 Hunter Woods Dr.	10/10/17	503	83		12.0	2	12	2	2.485	0.693	1.851	0.497
		12/13/17			6	7.2	3	7.2	3	1.974	1.099		
		3/13/18	310	115	5	6.0	<1	6	0.5	1.792	-0.693		
		6/12/18	358	100	7	8.4	4	8.4	4	2.128	1.386		
		8/7/08	108	34	2	2.4	1	2.4	1	0.875	0.000		
3	7515 Hunter Woods Dr.	10/10/17	358	164		11.0	1	11	1	2.398	0.000	1.314	0.081
		12/13/17			5	6.0	<1	6	0.5	1.792	-0.693		
		3/13/18	393	242	5	6.0	2	6	2	1.792	0.693		
		6/12/18	289	133	3	3.6	3	3.6	3	1.281	1.099		
		8/7/18	76	71	<1	#VALUE!	<1	0.5	0.5	-0.693	-0.693		
4	7525 Hunter Woods Dr.	10/10/17	402	156		17.0	3	17	3	2.833	1.099	1.670	0.578
		12/13/17			5	6.0	1	6	1	1.792	0.000		
		3/13/18	373	78	6	7.2	2	7.2	2	1.974	0.693		
		6/12/18	178	107	4	4.8	3	4.8	3	1.569	1.099		
		8/7/08	96	237	1	1.2	1	1.2	1	0.182	0.000		
5	7530 Hunter Woods Dr.	10/10/17	200	67		10.0	6	10	6	2.303	1.792	1.287	0.081
		12/13/17			3	3.6	2	3.6	2	1.281	0.693		
		3/13/18	472	245	6	7.2	<1	7.2	0.5	1.974	-0.693		
		6/12/18	385	188	4	4.8	<1	4.8	0.5	1.569	-0.693		
		8/7/18	69	86	<1	#VALUE!	<1	0.5	0.5	-0.693	-0.693		
6	7535 Hunter Woods Dr.	10/10/17	369	134		12.0	3	12	3	2.485	1.099	2.131	2.115
		12/13/17			7	8.4	7	8.4	7	2.128	1.946		
		3/13/18	415	200	9	10.8	5	10.8	5	2.380	1.609		
		6/12/18	275	315	9	10.8	15	10.8	15	2.380	2.708		
		8/7/18	154	250	3	3.6	9	3.6	9	1.281	2.197		
7	7540 Hunter Woods Dr.	10/10/17	233	48		6.0	1	6	0.5	1.792	-0.693	1.519	0.497
		12/13/17			4	4.8	2	4.8	2	1.569	0.693		
		3/13/18	409	107	10	12.0	6	12	6	2.485	1.792		
		6/12/18	231	82	4	4.8	2	4.8	2	1.569	0.693		
		08/0/18	42	96	1	1.2	1	1.2	1	0.182	0.000		
8	7545 Hunter Woods Dr.	10/10/17	251	90		18.0	10	18	10	2.890	2.303	2.580	2.708
		12/13/17			8	9.6	15	9.6	15	2.262	2.708		
		3/13/18	548	260	11	13.2	15	13.2	15	2.580	2.708		
		6/12/18	280	340	5	6.0	5	6	5	1.792	1.609		

		8/7/18	89	140	2	2.4	3	2.4	3	0.875	1.099	2.080	2.085
9	7550 Hunter Woods Dr.	10/10/17 12/13/17 NS NS NS											
10	7415 Signal Hill Rd.	10/10/17 12/13/17 3/13/18 6/13/18 8/8/18	360 496 205 161	106 340 250 71	10 13 6 7	13.0 12.0 15.6 7.2 8.4	2 27 11 11	13 12 15.6 7.2 8.4	2 17 27 11 11	2.565 2.485 2.747 1.974 2.128	0.693 2.833 3.296 2.398 2.398	2.380	2.324
11	7425 Signal Hill Rd.	10/10/17 12/13/17 3/13/18 NS NS											
12	7603 Signal Hill Rd.	10/10/17 12/13/17 3/13/18 6/13/18 8/8/18	289 348 108 246	80 98 160 323	4 5 3 2	12.0 4.8 6.0 3.6 2.4	4 6 1 5 3	12 4.8 6 3.6 2.4	4 6 1 5 3	2.485 1.569 1.792 1.281 0.875	1.386 1.792 0.000 1.609 1.099	1.600	1.177
13	7607 Signal Hill Rd.	10/10/17 12/13/17 3/13/18 6/13/18 8/8/18	267 524 396 153	48 129 436 432	6 8 2 5	27.0 7.2 9.6 2.4 6.0	5 5 4 2 3	27 7.2 9.6 2.4 6	5 5 4 2 3	3.296 1.974 2.262 0.875 1.792	1.609 1.609 1.386 0.693 1.099	2.040	1.279
14	7651 Signal Hill Rd.	10/10/17 12/13/17 3/13/18 6/13/18 8/8/18	219 331 104 108	74 70 124 62	7 12 3 3	11.0 8.4 14.4 3.6 3.6	<1 5 11 9 4	11 8.4 14.4 3.6 3.6	0.5 5 11 9 4	2.398 2.128 2.667 1.281 1.281	-0.693 1.609 2.398 2.197 1.386	1.951	1.380
15	7655 Signal Hill Rd	10/10/17 12/13/17 3/13/18 6/13/18 8/8/18	44 328 228 152	108 76 444 82	8 7 4 5	15.0 9.6 8.4 4.8 6.0	4 7 14 9 <1	15 9.6 8.4 4.8 6	4 7 14 9 0.5	2.708 2.262 2.128 1.569 1.792	1.386 1.946 2.639 2.197 -0.693	2.092	1.495
16	7705 Signal Hill Rd.	10/10/17 12/13/17 3/13/18 6/13/18 8/8/18	248 341 166 149	114 192 201 65	6 6 2 1	9.0 7.2 7.2 2.4 1.2	<1 <1 <1 3 1	9 7.2 7.2 2.4 1.2	0.5 0.5 0.5 3 1	2.197 1.974 1.974 0.875 0.182	-0.693 -0.693 -0.693 1.099 0.000	1.251	-0.196
17	9900 Summerwood Dr.	10/10/17 12/13/17 3/13/18 6/13/18	276 338 108	104 184 113	8 9 7	18.0 9.6 10.8 8.4	7 9 12 8	18 9.6 10.8 8.4	7 9 12 8	2.890 2.262 2.380 2.128	1.946 2.197 2.485 2.079		

18	9910 Summerwood Dr.	8/8/18	87	24	14	16.8	7	16.8	7	2.821	1.946	2.496	2.131
		NS											
		NS											
		NS											
		NS											
19	9919 Summerwood Dr.	10/10/17	254	132		9.0	3	9	3	2.197	1.099		
		12/13/17			6	7.2	2	7.2	2	1.974	0.693		
		3/13/18	335	108	6	7.2	5	7.2	5	1.974	1.609		
		6/12/18	223	62	17	20.4	6	20.4	6	3.016	1.792		
		8/8/18	221	40	2	2.4	2	2.4	2	0.875	0.693	2.007	1.177
20	9920 Summerwood Dr.	NS											
		NS											
		NS											
		NS											
21	9930 Summerwood Dr.	NS											
		NS											
		NS											
		NS											
		NS											
22	9939 Summerwood Dr.	10/10/17	233	60		19.0	<1	19	0.5	2.944	-0.693		
		12/13/17			4	4.8	2	4.8	2	1.569	0.693		
		3/13/18	434	134	5	6.0	1	6	1	1.792	0.000		
		6/12/18	312	100	6	7.2	2	7.2	2	1.974	0.693		
		8/7/18	44	53	1	1.2	2	1.2	2	0.182	0.693	1.692	0.277
23	9940 Summerwood Dr.	10/10/17	217	160		19.0	8	19	8	2.944	2.079		
		12/13/17			9	10.8	4	10.8	4	2.380	1.386		
		3/13/18	309	65	6	7.2	2	7.2	2	1.974	0.693		
		6/12/18	164	103	9	10.8	16	10.8	16	2.380	2.773		
		8/7/18	215	140	4	4.8	3	4.8	3	1.569	1.099	2.249	1.606
24	9949 Summerwood Dr.	10/10/17	271	178		16.0	8	16	8	2.773	2.079		
		12/13/17	309	65	12	14.4	10	14.4	10	2.667	2.303		
		3/13/18	310	29	13	15.6	6	15.6	6	2.747	1.792		
		6/12/18	308	358	7	8.4	7	8.4	7	2.128	1.946		
		8/7/18	194	182	2	2.4	2	2.4	2	0.875	0.693	2.238	1.763
25	9950 Summerwood Dr.	10/10/17	178	186		15.0	4	15	4	2.708	1.386		
		12/13/17			5	6.0	1	6	1	1.792	0.000		
		3/13/18	424	294	6	7.2	<1	7.2	0.5	1.974	-0.693		
		6/13/18	171	180	5	6.0	3	6	3	1.792	1.099		
		8/7/18	201	174	6	7.2	1	7.2	1	1.974	0.000	2.048	0.358
26	9959 Summerwood Dr.	10/10/17	259	76		8.0	1	8	1	2.079	0.000		
		12/13/17			4	4.8	2	4.8	2	1.569	0.693		
		3/13/18	356	73	6	7.2	1	7.2	1	1.974	0.000		
		6/12/18	128	200	4	4.8	<1	4.8	0.5	1.569	-0.693		
		8/7/18	13	150	45	54.0	1	54	1	3.989	0.000	1.999	0.000
27	7560 Hunter Woods Dr.	12/13/17			14	16.8	4	16.8	4	2.821	1.386		
		3/13/18	424	50	7	8.4	2	8.4	2	2.128	0.693		

		6/13/08	80	86	2	2.4	1	2.4	1	0.875	0.000		
		8/7/18	112	82	1	1.2	<1	1.2	0.5	0.182	-0.693	1.502	0.347
28	7701 Signal Hill Rd.	12/13/17			11	13.2	7	13.2	7	2.580	1.946		
		3/13/18	892	1140	8	9.6	9	9.6	9	2.262	2.197		
		6/13/18	256	200	3	3.6	3	3.6	3	1.281	1.099		
		8/8/18	102	91	6	7.2	<1	7.2	0.5	1.974	-0.693	2.024	1.137
29													
30													

* If any cell in CLEAN DATA column displays "#VALUE!", datum corresponding to that cell must be "cleaned" and manually entered into CLEAN DATA column cell. Datum reported as "<QL" is entered as value of QL/2. E.g., datum reported as "<1" is entered as 0.5 and datum reported as "<5" is entered as 2.5

	BOD ₅	TSS
Count (N) =	23	23
Degrees of Freedom (N-1) =	22	22
Mean =	1.88	1.01
Std Dev =	0.35	0.77
Std Err =	0.07	0.16
Upper 99% T (1-tailed) =	2.51	2.51
Upper 99% T Conf Int =	2.07	1.41
Upper 99% T Conf Int =	7.9	4.1

Native Values
Log-Transformed Values

Oct 2017 data added and sites with < 4 data points removed. All non-detects at 1/2 the detect level.