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Surface Water Analysis Comparison

Golf Club

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Date	pH	Hard	E.C.	SAR	Ad. SAR	pHc	RSC	Ca	Mg	K	Na	Fe	Alk.	Bicarb.	Cl	S	TDS	B	(+/-)	NO3	P	E. coli
Desired	6.5	180	<1.5	<3	<6	8.4	<0	40-120	6-24	.5-1	<40	2-5	<100	<180	<140	<450	<480	<.8	1	<5	<5	<235
Incoming																						
8/15/19	7.82	116.5	0.9	5.28	6.99	8.08	-0.46	32.9	8.21	9.74	131	0.29	92.7	113.14	206	23.5	573.12	<.05	1	0.33	<.20	>2419.6
8/10/18	8.28	155.2	1.49	7.71	11.16	7.95	-1.1	44.93	10.3	5.19	220	0.29	99.4	90.75	319	29.7	954.94	<.05	1.1	0.12	<.20	96
9/11/17	7.75	144.4	0.9	4.55	6.68	7.93	-0.86	42.16	9.46	3.77	126	0.12	101	123.42	214	25.9	574.72	<.05	1	0.25	<0.20	
8/22/16	7.9	116.1	0.96	5.37	6.96	8.1	-0.61	33.14	7.96	4.91	133	0.3	85	103.67	212	24.7	611.84	0.1	1	0.34	0.013	51.2
8/21/15	7.99	204.7	1.57	7.08	11.99	7.71	-1.29	57.55	14.8	10.7	233	0.16	140	170.58	389	41	1004.8	0.1	1	0.23	<0.20	50
9/2/14	7.74	127.1	0.94	5.14	7.17	8	-0.61	37.97	7.53	3.84	133	0.7	95	115.91	216	25.6	598.4	<.05	1	0.22	0.25	>200.5
9/9/13	7.76	180.2	1.19	4.84	8.19	7.71	-0.7	50.89	12.6	4.71	149	0.68	144	175.51	249	44.2	763.52	0.1	0.9	0.32	<0.20	165.2
8/20/12	7.64	138.3	0.97	4.22	6.46	7.87	-0.34	40.29	8.86	3.74	114	0.66	120	146.44	199	30.3	618.88	0.1	0.9	0.47	<.20	866.4
8/23/11	7.76	173.7	1.21	5.66	9.17	7.78	-0.95	50.43	11.5	4.45	171	0.29	126	153.47	284	40.5	772	0.1	1	0.3	<.20	34.5
9/7/10	7.59	251.7	1.64	6.79	12.23	7.6	-1.85	67.93	19	8.05	246	2.07	155	189.44	506	52.9	1048	0.1	0.9	0.19	<.20	24.9
6/18/10	7.84	183.5	1.43	5.92	9.97	7.72	-0.75	51.89	12.7	3.11	184	0.98	144	175.97	314	38	913	0.1	0.9	0.29	<.20	214.3
Mid Point																						
8/15/19	7.93	118.8	0.92	5.17	7.04	8.04	-0.41	33.36	8.47	9.42	129	0.34	97.6	119.09	215	23.7	586.24	<.05	1	0.29	<.20	>2419.6
8/10/18	8.15	171.4	1.54	7.29	10.86	7.91	-1.41	49.13	11.7	5.18	219	0.36	100	66.79	344	33.8	983.04	0.1	1.1	<.10	<.20	24.3
9/11/17	7.84	157.5	0.95	4.44	6.82	7.86	-0.94	45.46	10.6	3.86	128	0.18	110	134.31	216	29.8	606.72	<.05	1	0.22	<0.20	
8/22/16	7.85	120.7	0.93	5.29	7.02	8.07	-0.62	34.59	8.2	5.05	133	0.34	89.1	108.71	222	25.3	596.48	0.1	1	0.33	<0.20	34.1
8/21/15	8.22	212.4	1.36	6.09	10.36	7.7	-1.53	59.53	15.1	8.85	203	0.82	134	163.99	326	42.8	869.12	0.1	1	0.22	<0.20	36.4
9/2/14	7.76	156	1.1	5.27	8.08	7.87	-0.88	45.48	10.2	4.1	151	0.18	112	136.06	235	34	707.2	0.1	1	0.15	<.20	>200.5
9/9/13	7.69	153.5	0.95	3.98	6.15	7.86	-0.8	44.21	10.2	4.28	113	0.51	113	137.3	180	39.9	608	0.1	1	0.55	<0.20	15
8/20/12	7.82	132.6	0.9	4.19	6.01	7.97	-0.64	38.65	8.58	3.42	111	0.42	99.7	121.65	194	30.2	574.72	<.05	0.9	0.35	<.20	517.2
8/23/11	7.85	167.5	1.1	5.07	8.11	7.8	-0.89	48.39	11.3	4.35	151	0.2	122	149.19	245	40.9	702.72	0.1	1	0.33	<.20	18.7
9/7/10	7.96	224.1	1.34	5.75	10.15	7.64	-1.42	62.13	15.7	6.42	196	2.33	149	181.72	383	51.1	855.04	0.1	0.9	0.2	<.20	8.6
6/18/10	7.88	194.4	1.39	5.52	9.74	7.64	-0.61	55.26	13.5	2.89	177	0.43	163	198.92	335	42.3	886.4	0.1	0.9	0.3	<.20	139.6
Outgoing																						
8/15/19	7.86	123	0.94	5.29	7.29	8.02	-0.43	34.46	8.83	9.25	135	0.34	101	122.81	211	24.6	598.91	0.1	1	0.32	<.20	>2419.6
8/10/18	8.2	171.9	1.55	7.21	11.24	7.84	-1.04	48.89	11.6	5.37	216	1.04	118	92.93	327	32.9	989.89	0.1	1.1	<.10	<.20	34.5
9/11/17	7.99	160.7	0.96	4.44	6.72	7.89	-1.16	46.13	11	3.99	129	0.25	102	124.88	204	30.8	617.6	<.05	1.1	0.19	<0.20	
8/22/16	7.89	124.9	0.98	5.22	7.08	8.04	-0.65	36.01	8.32	5.09	134	0.43	91.5	111.59	216	25.9	625.92	0.1	1	0.37	0.012	50.4
8/21/15	8.16	201.7	1.35	6.09	10.18	7.73	-1.33	57.03	13.5	7.08	197	1.96	131	160.33	307	39.4	864	0.2	1.1	0.2	<0.20	8.5
9/2/14	7.74	169.8	1.14	5.33	8.44	7.82	-1.05	49.16	11.1	4.41	159	0.86	116	141.1	242	35.8	729.6	0.1	1.1	<.10	0.34	53.1
9/9/13	7.88	149.5	0.93	3.94	6.1	7.85	-0.64	42.93	10	4.67	111	0.53	117	142.25	203	39.1	593.92	0.1	0.9	0.27	<0.20	200.5
8/20/12	7.96	134.6	0.88	4.17	6.08	7.94	-0.57	38.97	8.79	3.53	111	0.63	105	127.85	187	30.2	564.48	<.05	1	0.33	<.20	547.5
8/23/11	7.69	169.4	1.09	4.9	7.8	7.81	-0.96	48.64	11.4	4.36	146	0.63	120	146.33	246	40.5	697.6	0.1	1	0.24	<.20	38.8
9/7/10	7.66	235.2	1.32	5.42	9.56	7.64	-1.69	64.16	16.6	6.36	189	3.7	144	175.4	402	48.7	843.52	0.1	0.9	0.15	<.20	58.8
6/18/10	7.78	213.3	1.39	5.92	10.8	7.57	-0.74	60.92	14.6	3.17	198	0.64	175	213.52	339	44.4	889.6	0.1	0.9	0.25	<.20	56.3

Desired Values are for turf irrigation purposes (except N,P, and E.coli) (See Lab Sheets for units of measurement.)

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