ph Test (in pH Units)

Site #	April	May	June	July	August	September	October	November
1	8.27	8.09	8.21	8.24	x	7.96	8.16	8.27
2	8.35	8.19	7.59	8.15	x	7.85	8.36	8.32
3	8.43	8.02	8.19	8.28	x	8.16	8.3	8.31
3 D	x	x	x	x	x	7.99	x	x
4	8.38	8.14	7.97	8.19	7.91	8.08	8.14	8.17
4 D	x	x	x	x	x	x	x	8.16
5	8.36	8.03	7.63	8.18	8.04	8.13	8.11	8.19
5 D	x	x	x	x	x	x	x	8.25
6	8.3	8.06	8.09	8.28	7.98	7.96	8.13	8.19
6 D	x	x	x	x	x	x	x	8.24
7	8.11	7.93	7.48	7.86	7.71	7.67	7.75	7.98
8	8.33	8.11	7.90	8.03	7.98	7.87	7.88	8.14
8 D	x	x	x	x	7.81	7.9	x	x
9	8.29	7.98	8.10	8.29	8.14	8.16	8.12	8.25
9 D	x	x	x	8.31	x	x	x	x
10	8.37	8.06	7.89	8.16	8.06	8.13	8.14	8.26
10 D	x	x	x	x	8.02	x	x	x
11	8.34	7.96	7.74	x	7.94	7.74	7.94	7.81
12	8.38	8.16	8.16	8.2	8.05	8.07	8.09	8.27
13	8.31	8.04	7.68	8.11	8.01	8.3	8.09	8.16
13 D	x	x	x	x	x	x	8.06	x
14	8.35	8.07	8.08	8.22	7.88	x	8.15	8.24
14 D	8.34	x	x	x	x	x	x	x
15	8.23	7.95	7.70	8.22	7.97	7.78	8.18	x
16	8.28	8.03	8.02	x	7.79	7.95	x	8.12
16 D	x	x	x	x	x	7.91	x	x
17	8.38	8.08	8.01	8.19	7.71	7.85	8.12	8.3
18	8.26	8.06	7.78	x	x	7.74	x	8.19
19	8.38	7.95	7.92	8.12	7.91	7.99	8.07	8.16
19 D	x	x	7.91	x	x	x	x	x
20	8.38	8.20	8.02	8.23	7.94	8.05	7.89	8.29
20 D	x	x	x	x	x	x	7.96	x
21	8.44	8.14	8.24	8.22	8.13	7.41	8.14	8.3
21 D	x	x	x	x	x	x	x	8.29
22	8.22	7.93	7.89	8.02	7.81	8.07	8.17	8.1
22 D	8.20	x	x	x	x	x	x	x
23	8.33	7.98	7.70	x	x	8.02	8.12	8.23
24	8.37	7.98	7.32	8.13	x	7.96	8.12	8.23
25	8.23	7.86	x	7.87	x	x	8.02	8.02
26	x	8.02	x	8.03	x	x	7.76	8.12
27	x	x	x	x	x	x	8.03	x
GHF 1	x	x	x	x	x	x	7.66	x
GHF 2	x	x	x	x	x	x	7.46	x
25 B	x	x	x	x	x	x	x	8.29

pH is a term used to indicate the alkalinity or acidity of a substance as ranked on a scale from 1.0 to 14.0. Acidity increases as the pH gets lower. A pH of 7 is neutral. Source: US Environmental Protection Agency: http://water.epa.gov/type/rsl/monitoring/vms54.cfm

Turbidity Test (in NTU)

Site #	April	May	June	July	August	September	October	November
1	14.2	75.4	15.50	11.20	x	17.65	7.21	4.48
2	12.1	49.4	9.18	3.25	x	1.735	2.29	1.65
3	8.03	139.0	2.52	77.33	x	0.645	1.1	1.53
3 D	x	x	x	x	x	0.585	x	x
4	3.89	16.4	7.68	1.22	11.55	2.495	1.11	2.44
4 D	x	x	x	x	x	x	x	2.39
5	23.2	35.0	11.13	5.12	11.6	1.995	3.99	3.04
5 D	x	x	x	x	x	x	x	3.12
6	4.26	39.2	3.83	1.70	8.74	2.915	1.25	1.7
6 D	x	x	x	x	x	x	x	1.69
7	38.1	86.9	25.97	19.70	61.25	5.33	6.8	12.9
8	29.3	18.5	15.50	3.22	12.45	1.53	9.29	6.04
8 D	x	x	x	x	11.65	x	x	x
9	3.78	12.3	8.81	3.63	4.87	0.87	3.17	1.9
9 D	x	x	x	3.88	x	x	x	x
10	12.0	12.2	6.89	5.03	5.63	2.515	3.38	2.19
10 D	x	x	x	x	5.87	x	x	x
11	28.0	17.7	15.13	x	12.95	1.455	14.05	2.7
12	2.29	16.8	1.30	1.17	3.37	0.62	1.04	1.45
13	13.4	38.9	5.64	4.19	5.89	2.69	4.06	2.32
13 D	x	x	x	x	x	x	4.11	x
14	5.22	43.0	1.97	2.28	2.17	x	1.59	2.2
14 D	5.22	x	x	x	x	x	x	x
15	8.87	20.6	3.43	4.09	2.8	1.95	1.9	x
16	3.13	11.7	2.67	x	2.45	3.46	x	9.79
16 D	x	x	x	x	x	3.29	x	x
17	7.63	22.9	17.07	6.96	12.25	2.65	31.2	3.66
18	2.75	7.08	1.97	x	x	1.85	x	3.98
19	14.4	39.6	4.68	4.29	3.2	1.405	5.8	3.32
19 D	x	x	23.34	x	x	x	x	x
20	3.17	7.56	1.13	0.74	1.7	1.54	5.2	1.22
20 D	x	x	x	x	x	x	5.24	x
21	8.13	33.0	3.39	2.19	1.41	7.9	1.64	1.43
21 D	x	x	x	x	x	x	x	1.49
22	11.6	45.9	4.79	4.37	5.08	1.305	1.06	3.92
23	17.3	32.8	10.07	x	x	2.44	x	3.01
24	16.4	33.6	8.46	10.67	x	2.43	5.5	3.42
24 D	x	x	x	x	x	x	5.92	x
25	21.5	54.6	x	28.73	x	x	10.5	14.4
26	x	38.6	x	11.73	x	x	22.1	5.86
27	x	x	x	x	x	x	8.66	x
GHF 1	x	x	x	x	x	x	271	x
GHF 2	x	x	x	x	x	x	36.85	x
25 B	x	x	x	x	x	x	x	14.4

Turbidity is the measure of relative clarity of a liquid. Drinking Water should be 0 NTUS, Ambient conditions are 20 NTUs, and post rain event are usually 50 NTUs. More information can be found at: http://water.epa.gov/type/rsl/monitoring/vms55.cfm

Conductivity Test (in microsiemens)

Site #	April	May	June	July	August	September	October	November
1	1095	784	1202	1122	x	792	987	923
2	836	605	1127	1134	x	1086.5	1107	1129
3	882	680	1526	1200	x	1121.5	1137	964
3 D	x	x	x	x	x	1133	x	x
4	881	763	749	1043	457	613	915	700
4 D	x	x	x	x	x	x	x	704
5	821	616	781	1080	556	1274.5	890	819
5 D	x	x	x	x	x	x	x	823
6	758	520	915	961	448	802	861	667
6 D	x	x	x	x	x	x	x	671
7	576	410	519	895	351	555	741	610
8	773	550	539	759	352	543.5	320	379
8 D	x	x	x	x	356	542	x	x
9	1232	1021	1450	1238	787	1439.5	1068	1208
9 D	x	x	x	1275	x	x	x	x
10	922	684	1165	1209	838	1446	1081	1025
10 D	x	x	x	x	861	x	x	x
11	781	571	541	x	346	860.5	314	948
12	870	605	880	1040	555	908	867	675
13	934	671	1361	1352	984	2096	1198	1167
13 D	x	x	x	x	x	x	1197	x
14	1045	651	918	815	518	x	648	603
14 D	1036	x	x	x	x	x	x	x
15	1196	849	1031	1263	565	970.5	1121	x
16	1048	900	1095	x	741	1093.5	x	981
16 D	x	x	x	x	x	1351.5	x	x
17	1035	754	1021	1284	459	979.5	1117	864
18	961	858	726	x	x	735	x	659
19	933	657	1426	1341	1142	2143	1260	1329
19 D	x	x	758	x	x	x	x	x
20	1399	953	1133	1376	604	1148	819	826
20 D	x	x	x	x	x	x	821	x
21	991	594	1129	1065	798	1310	929	854
21 D	x	x	x	x	x	x	x	860
22	877	597	809	929	562	867	1094	723
23	820	589	796	x	x	1156.5	x	829
24	819	585	836	1097	x	1155	954	784
24 D	x	x	x	x	x	x	951	x
25	755	564	x	360	x	x	755	1024
26	x	782	x	834	x	x	985	554
27	x	x	x	x	x	x	966	x
GHF 1	x	x	x	x	x	x	729	x
GHF 2	x	x	x	x	x	x	770	x
25 B	x	x	x	x	x	x	x	732

The conductivity of rivers in the United States generally ranges from 50 to 1500 µmhos/cm. Studies of inland fresh waters indicate that streams supporting good mixed fisheries have a range between 150 and 500 µhos/cm. Conductivity outside this range could indicate that the water is not suitable for certain species of fish or macroinvertebrates. Industrial waters can range as high as 10,000 µmhos/cm. Source: US Environmental Protection Agency: http://water.epa.gov/type/rsl/monitoring/vms59.cfm

Nitrate Test (in mg/L)

Site #	April	May	June	July	August	September	October	November
1	0.85	1.55	1.5	0.6	x	0.3	2.5	2.3
1 D	x	1.65	x	x	x	x	x	x
2	0.35	0.95	0.8	0.1	x	0.1	1.3	1.3
3	0.40	1.10	0.8	0.5	x	0.3	1.4	1.2
3 D	x	x	x	x	x	0.9	x	x
4	1.00	1.05	1.0	0.4	0.6	0.3	1.5	1.6
4 D	x	x	x	x	x	x	x	1
5	0.35	0.70	1.1	1	0.5	1.1	2.3	1.45
5 D	x	x	x	x	x	x	x	1.75
6	0.35	0.95	0.8	0.4	0.5	0.1	2.1	1
6 D	x	x	x	x	x	x	x	1.3
7	0.60	1.25	0.8	0.5	0.4	0.5	1.4	1.1
8	0.20	1.25	0.4	0.5	0.1	0.1	1.6	1.1
8 D	x	x	x	x	0.1	0.2	x	x
9	0.80	1.95	0.9	0.2	0	0.2	0.5	1
9 D	x	1.85	x	0.4	x	x	x	x
10	1.00	1.20	1.9	1.5	1.3	0.9	2.5	2
10 D	x	x	x	x	1.35	x	x	x
11	0.35	1.25	0.5	x	0.1	0.3	1.8	1.1
12	0.40	0.95	0.6	0.5	0.4	0	1.7	1.3
13	x	x	x	x	x	x	2.7	2.4
13 D	x	x	x	x	x	x	2.8	x
14	0.50	0.80	0.6	0.1	-0.3	x	1.7	1.4
15	0.45	1.20	0.7	0.2	0.1	0.2	1.6	1
16	1.15	0.80	0.6	x	0.3	0.7	x	0.85
16 D	x	x	x	x	x	0.5	x	x
17	0.45	0.70	0.4	0.5	0.2	0.2	1.5	1.2
18	0.70	1.50	0.8	x	x	0.45	x	1.75
18 D	x	1.50	x	x	x	x	x	x
19	1.05	0.80	2.0	1.1	1.3	1.3	2.2	2.2
19 D	x	x	2.0	x	x	x	x	x
20	x	x	x	x	x	x	1.6	0.25
20 D	x	x	x	x	x	x	1.5	x
21	0.25	1.10	0.4	0.1	0.2	0.1	3.2	1.75
21 D	x	x	x	x	x	x	x	1.05
22	0.65	1.30	0.5	x	0.4	0.1	2.6	1.7
23	0.65	1.30	0.7	x	x	1	x	1.3
24	0.75	1.20	1.0	1.2	x	0.8	1.8	1.6
24 D	x	x	x	x	x	x	1.2	x
25	0.75	1.30	x	1.5	x	x	1.6	1.35
26	x	2.45	x	1.3	x	x	1.5	1.35
26 D	x	2.40	x	x	x	x	x	x
27	x	x	x	x	x	x	4.1	x
GHF 1	x	x	x	x	x	x	7.4	x
GHF 2	x	x	x	x	x	x	5.6	x

25 B	x	x	x	x	x	x	x	1.7

Nitrates are essential plant nutrients, but in excess amounts they can cause significant water quality problems. Together with phosphorus, nitrates in excess amounts can accelerate eutrophication, causing dramatic increases in aquatic plant growth and changes in the types of plants and animals that live in the stream. This, in turn, affects dissolved oxygen, temperature, and other indicators. Excess nitrates can cause hypoxia (low levels of dissolved oxygen) and can become toxic to warm-blooded animals at higher concentrations (10 mg/L) or higher) under certain conditions. The natural level of ammonia or nitrate in surface water is typically low (less than 1 mg/L); in the effluent of wastewater treatment plants, it can range up to 30 mg/L.
Source: US Environmental Protection Agency
http://water.epa.gov/type/rsl/monitoring/vms57.cfm

Mill Creek Watershed Total Maximum Daily Load September 2004
Target nutrient values for Mill Creek Watershed:
Nitrates: 2.5mg/l

Total Phosphorous Test (in mg/L)

Site #	April	May	June	July	August	September	October	November
1	0.19	0.72	0.38	0.37	x	0.295	0.5	0.315
1 D	x	0.86	x	x	x	x	x	x
2	0.17	0.52	0.24	0.59	x	0.21	0.4	0.14
3	0.07	0.96	0.18	0.84	x	0.125	0.4	0.215
3 D	x	x	x	x	x	0.1	x	x
4	0.10	0.36	0.21	0.22	0.24	-0.02	0.65	0.2
4 D	x	x	x	x	x	x	x	0.125
5	0.13	0.62	0.23	0.31	0.15	0.19	0.8	0.21
5 D	x	x	x	x	x	x	x	0.13
6	0.04	0.49	0.2	0.19	0.18	0.08	0.4	0.13
6 D	x	x	x	x	x	x	x	0.12
7	0.18	0.82	0.28	0.23	0.4	0.205	0.3	0.12
8	0.19	0.36	0.21	0.18	0.29	0.14	0.45	0.115
8 D	x	x	x	x	0.16	0.12	x	x
9	0.07	0.39	0.21	0.21	0.04	0.03	0	0.145
9 D	x	0.36	x	0.21	x	x	x	x
10	0.17	0.80	0.26	0.36	0.17	-0.05	0.6	0.195
10 D	x	x	x	x	0.14	x	x	x
11	0.23	0.36	0.21	x	0.16	0.125	3.75	0.145
12	0.04	0.36	0.12	0.2	0.15	0.03	0.3	0.16
13	x	x	x	x	x	x	1.1	0.29
13 D	x	x	x	x	x	x	1	x
14	0.04	0.60	0.15	0.19	0.07	x	0.65	0.195
14 D	0.06	x	x	x	x	x	x	x
15	0.06	0.47	0.16	0.18	0.17	0.435	0.4	0.025
16	0.09	0.42	0.19	x	0.77	0.25	x	0.335
16 D	x	x	x	x	x	0.365	x	x
17	0.03	0.44	0.17	0.13	0.13	0.045	0.75	0.055
18	0.10	0.36	0.17	x	x	0.405	x	0.2
18 D	x	0.33	x	x	x	x	x	x
19	0.19	0.59	0.31	0.35	0.12	0.31	1	0.455
19 D	x	x	x	x	x	x	x	x
20	0.05	0.33	0.09	0.14	0.07	0.21	0.4	0.085
20 D	x	x	x	x	x	x	0.5	x
21	0.07	0.38	0.14	x	0.09	0.6	0.1	0.21
21 D	x	x	x	x	x	x	x	0.105
22	0.05	0.42	0.14	0.24	0.07	0.26	0.15	0.08
22 D	0.08	x	x	x	x	x	x	x
23	0.13	0.42	0.22	x	x	0.125	x	0.14
24	0.15	1.88	0.21	0.25	x	0.08	2.2	0.41
24 D	x	x	x	x	x	x	0.2	x
25	0.18	0.49	x	0.54	x	x	0.5	1.755*
26	x	0.59	x	0.72	x	x	2.9	0.1
26 D	x	0.59	x	x	x	x	x	x
27	x	x	x	x	x	x	0.7	x

GHF 1	x	x	x	x	x	x	0.95	x
GHF 2	x	x	x	x	x	x	0.4	x
25 B	x	x	x	x	x	x	x	0.11

Both phosphorus and nitrogen are essential nutrients for the plants and animals that make up the aquatic food web. Since phosphorus is the nutrient in short supply in most fresh waters, even a modest increase in phosphorus can, under the right conditions, set off a whole chain of undesirable events in a stream including accelerated plant growth, algae blooms, low dissolved oxygen, and the death of certain fish, invertebrates, and other aquatic animals. Source: US Environmental Protection Agency http://water.epa.gov/type/rsl/monitoring/vms56.cfm

Mill Creek Watershed Total Maximum Daily Load September 2004
Target nutrient values for Mill Creek Watershed:
Total Phosphorus: 0.25 mg/l

Yellow- Total Coliforms (Most Probable Number)

Site #	April	May	June	July	August	September	October*	November
1	>2419.6	>2419.6	>2419.6	>2419.6	x	>2419.6	2419.6	2419.6
2	>2419.6	>2419.6	>2419.6	>2419.6	x	1732.9	298.7	>2419.6
3	>2419.6	1986.3	>2419.6	>2419.6	x	>2419.6	>2419.6	2420.6
3 D	x	x	x	x	x	>2419.6	x	x
4	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1986.3	1413.6	>2419.6
4 D	x	x	x	x	x	x	x	>2419.6
5	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1553.1	>2419.6
5 D	x	x	x	x	x	x	x	>2419.6
6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	2419.6	>2419.6
6 D	x	x	x	x	x	x	x	>2419.6
7	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	920.8	>2419.6
8	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1299.7	1553.1
8 D	x	x	x	x	>2419.6	>2419.6	x	x
9	1986.3	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1986.3
9 D	x	x	x	>2419.6	x	x	x	x
10	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	920.8	>2419.6
10 D	x	x	x	x	>2419.6	x	x	x
11	>2419.6	>2419.6	>2419.6	x	>2419.6	>2419.6	1413.6	>2419.6
12	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	727	980.4
13	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1299.7	>2419.6
13 D	x	x	x	x	x	x	980.4	x
14	1553.1	>2419.6	>2419.6	>2419.6	>2419.6	x	1119.9	1413.6
14 D	1413.6	x	x	x	>2419.6	x	x	x
15	>2419.6	>2419.7	>2419.6	>2419.6	>2419.6	>2419.6	980.4	x
16	>2419.6	1986.3	>2419.6	x	>2419.6	>2419.6	x	>2419.6
16 D	x	x	x	x	x	>2419.6	x	x
17	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1553.1	>2419.6
18	>2419.6	>2419.6	>2419.6	x	x	>2419.6	x	>2419.6
19	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	980.4	>2419.6
19 D	x	x	>2419.6	x	x	x	x	x
20	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1299.7	>2419.6
20 D	x	x	x	x	x	x	1299.7	x
21	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1986.3
21 D	x	x	x	x	x	x	x	1986.3
22	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1046.2	>2419.6
22 D	>2419.6	x	x	x	x	x	x	x
23	>2419.6	>2419.6	>2419.6	x	x	>2419.6	x	1986.3
24	>2419.6	>2419.6	>2419.6	>2419.6	x	>2419.6	1553.1	>2419.6
24 D	x	x	x	x	x	x	1413.6	x
25	>2419.6	>2419.6	x	x	x	x	1732.9	>2419.6
26	x	>2419.6	x	x	x	x	>2419.6	>2419.6
27	x	x	x	x	x	x	>2419.6	x
GHF 1	x	x	x	x	x	x	1413.6	x
GHF 2	x	x	x	x	x	x	1986.3	x

*Diluted by 1/5

Total coliforms are a group of bacteria that are widespread in nature. All members of the total coliform group can occur in human feces, but some can also be present in animal manure, soil, and submerged wood and in other places outside the human body. Thus, the usefulness of total coliforms as an indicator of fecal contamination depends on the extent to which the bacteria species found are fecal and human in origin. For recreational waters, total coliforms are no longer recommended as an indicator. For drinking water, total coliforms are still the standard test because their presence indicates contamination of a water supply by an outside source. Source: US Environmental Protection Agency
http://water.epa.gov/type/rsl/monitoring/vms511.cfm

Fluorescent- E.coli (Most Probable Number)

Site #	April	May	June	July	August	September	October*	November
1	>2419.6	2419.6	1046.2	613.1	x	125.9	20.1	2419.6
2	>2419.6	>2419.6	866.4	613.1	x	34.5	12.1	>2419.6
3	>2419.6	>2419.6	1413.6	>2419.6	x	140.8	1119.9	2420.6
3 D	x	x	x	x	x	648.8	x	x
4	>2419.6	>2419.6	>2419.6	547.5	>2419.6	95.9	35.5	>2419.6
4 D	x	x	x	x	x	x	x	>2419.6
5	770.1	>2419.6	1299.7	648.8	1732.9	123.4	29.1	>2419.6
5D	x	x	x	x	x	x	x	>2419.6
6	920.8	>2419.6	2419.6	1203.3	>2419.6	344.8	22.1	>2419.6
6 D	x	x	x	x	x	x	x	>2419.6
7	>2419.6	>2419.6	>2419.6	>2419.6	>2419.6	1203.3	46.4	>2419.6
8	727	>2419.6	1119.9	816.4	1986.3	35	53	1553.1
8 D	x	x	x	x		33.2	x	x
9	1553.1	1986.3	648.8	275.5	1413.6	88.4	6.3	1986.3
9 D	x	x	x	178.9	x	x	x	x
10	2419.6	>2419.6	866.4	686.7	2419.6	209.8	23.8	>2419.6
10 D	x	x	x	x	x	x	x	x
11	1413.6	>2419.6	920.8	x	980.4	243.6	15.8	>2419.6
12	547.5	>2419.6	488.4	648.8	1986.3	107.6	11.9	980.4
13	>2419.6	>2419.6	1553.1	435.2	1732.9	238.2	45.7	>2419.6
13 D	x	x	x	x	x	x	46.4	x
14	198.9	>2419.6	1203.3	648.8	1986.3	x	41.4	1413.6
14 D	161.6	x	x	x	x	x	x	x
15	461.1	2419.6	>2419.6	686.7	>2419.6	686.7	44.1	x
16	1119.9	>2419.6	>2419.6	x	1046.2	145.5	x	>2419.6
16 D	x	x	x	x	x	101.4	x	x
17	648.8	>2419.6	>2419.6	240	1299.7	27.5	47.1	>2419.6
18	980.4	>2419.6	488.4	x	x	292.4	x	>2419.6
19	>2419.6	2419.6	920.8	238.2	579.4	99	33.6	>2419.6
19 D	x	x	1299.7	x	x	x	x	x
20	1732.9	>2419.6	>2419.6	613.1	980.4	88.8	27.5	>2419.6
20 D	x	x	x	x	x	x	30.5	x
21	686.7	2419.6	1413.6	1986.3	1203.3	61.3	44.1	1986.3
21 D	x	x	x	x	x	x	x	1986.3
22	866.4	>2419.6	1046.2	613.1	816.4	60.2	38.8	>2419.6
22 D	1299.7	x	x	x	x	x	x	x
23	1413.6	>2419.6	1413.6	x	x	191.8	x	1986.3
24	920.8	>2419.6	>2419.6	>2419.6	x	250	41.4	>2419.6
24 D	x	x	x	x	x	x	71.2	x
25	1986.3	>2419.6	x	x	x	x	46.5	>2419.6
26	x	>2419.6	x	x	x	x	>2419.6	>2419.6
27	x	x	x	x	x	x	37.3	x
GHF 1	x	x	x	x	x	x	14.5	x
GHF 2	x	x	x	x	x	x	5.2	x

*Diluted by 1/5

E. coli is a species of fecal coliform bacteria that is specific to fecal material from humans and other warm-blooded animals. EPA recommends E. coli as the best indicator of health risk from water contact in recreational waters; some states have changed their water quality standards and are monitoring accordingly. Source: US Environmental Protection Agency http://water.epa.gov/type/rsl/monitoring/vms511.cfm