

Appendix A

Fecal Coliform and *E. coli* Data

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
17690	09-Oct-2002	9:50	1	24.9	252	7.6	6.0	3100	3800	83	ND
17690	12-Nov-2002	9:24	1	19.6	500	7.7	4.6	240	230	30	ND
17690	11-Dec-2002	9:10	1	12.2	525	7.5	8.2	745	520	30	ND
17690	15-Jan-2003	9:47	0.75	11.9	625	7.6	9.6	230	270	15	ND
17690	11-Feb-2003	9:35	0.5	14.7	614	7.4	9.7	70	108	21	ND
17690	11-Mar-2003	9:01	0.5	20.2	774	7.4	4.8	70	64	31	ND
17690	08-Apr-2003	8:48	1	20.7	456	7.6	4.6	MD	>20000	127	ND
17690	06-May-2003	8:25	0.5	25.7	903	7.4	4.2	MD	55	7	ND
17690	20-May-03	8:26	0.5	27.5	843	7.4	4.3	MD	MD	4	ND
17690	3-Jun-03	7:56	0.5	27.7	893	7.4	3.2	35	25	5	ND
17690	17-Jun-03	8:19	1	25.8	419	7.3	5.0	1300	1200	33	ND
17690	16-Jul-03	8:31	1	26.3	385	7.5	3.9	6400	2100	96	ND
17690	12-Aug-03	8:08	1	27.0	630	7.4	3.2	1010	470	8	ND
% Exceedance								50%	50%		
Geometric mean								423	417		
17689	09-Oct-2002	9:39	1	24.7	473	7.6	5.2	918	1210	24	13.2
17689	12-Nov-2002	9:15	0.5	18.6	715	7.8	6.0	580	182	89	5.6
17689	11-Dec-2002	8:57	1	11.6	591	7.8	8.4	791	510	30	13.9
17689	15-Jan-2003	9:34	0.5	12.7	765	7.9	10.4	280	330	28	7.6
17689	11-Feb-2003	9:22	0.25	14.8	806	7.7	9.4	370	350	56	7.9
17689	11-Mar-2003	8:51	0.5	19.2	523	7.8	6.7	936	936	71	7.6
17689	08-Apr-2003	8:37	1	19.1	533	7.8	6.1	4600	4100	24	13.2
17689	06-May-2003	8:11	0.5	25.9	865	7.7	4.9	MD	86	29	5.7
17689	20-May-03	8:14	0.5	27.5	829	7.7	4.9	MD	MD	19	4.9
17689	3-Jun-03	7:43	0.5	27.4	891	7.8	4.8	145	70	10	5.1
17689	17-Jun-03	8:08	1	24.7	527	7.4	3.1	1400	900	9	11.7
17689	16-Jul-03	8:12	1	25.8	516	7.5	4.2	3500	1900	14	18.3
17689	12-Aug-03	7:55	0.8	25.3	851	7.6	4.7	836	791	23	4.9
% Exceedance								73%	58%		
Geometric mean								819	522		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
17688	09-Oct-2002	11:01	1	25.2	297	7.7	6.6	2700	1900	47	67.9
17688	12-Nov-2002	10:53	1	20.2	497	8.1	8.6	191	102	35	13.7
17688	11-Dec-2002	10:08	1	12.6	482	7.8	8.5	2600	2100	18	11.6
17688	15-Jan-2003	10:33	0.5	12.0	579	7.8	10.3	1180	1220	16	8.6
17688	11-Feb-2003	10:27	0.25	14.3	606	7.9	11.7	150	230	14	8.0
17688	11-Mar-2003	9:51	0.5	19.8	725	8.3	10.5	655	590	32	7.6
17688	08-Apr-2003	9:42	1	20.4	464	7.6	5.2	10800	10600	113	27.7
17688	06-May-2003	9:15	0.5	26.8	881	7.8	5.6	MD	76	43	6.4
17688	20-May-03	9:13	0.5	28.9	864	8.5	6.5	MD	MD	42	5.6
17688	3-Jun-03	8:38	0.5	28.5	921	8.5	3.7	1010	280	45	5.7
17688	17-Jun-03	9:13	1	27.6	490	7.8	5.2	5500	4400	126	18.2
17688	16-Jul-03	9:49	1	25.8	251	7.6	5.5	>20000	>20000	108	54.7
17688	12-Aug-03	8:57	0.5	27.4	618	8.1	5.2	1770	230	32	8.8
% Exceedance								82%	58%		
Geometric mean								1694	906		
17687	09-Oct-2002	12:11	1	27.2	512	7.9	4.1	130	145	13	ND
17687	12-Nov-2002	12:35	1	20.1	411	8.1	7.5	50	38	27	ND
17687	11-Dec-2002	11:53	1	11.8	411	7.8	8.3	143	136	12	ND
17687	15-Jan-2003	12:09	1	11.7	401	8.0	8.8	40	MD	18	ND
17687	11-Feb-2003	12:31	1	13.4	406	8.5	12.8	12	12	13	ND
17687	11-Mar-2003	11:31	1	17.8	381	8.8	12.8	27	27	13	ND
17687	08-Apr-2003	11:18	1	21.1	398	8.1	6.7	937	746	12	ND
17687	06-May-2003	11:03	1	27.5	442	8.7	9.5	54	22	12	ND
17687	20-May-03	10:27	1	30.4	463	8.9	9.9	MD	MD	12	ND
17687	3-Jun-03	10:19	1	30.5	554	8.7	8.1	17	12	10	ND
17687	17-Jun-03	10:47	1	30.6	550	8.4	6.6	32	25	12	ND
17687	16-Jul-03	11:26	1	28.8	468	8.0	5.0	440	146	17	ND
17687	12-Aug-03	10:20	1	30.8	507	8.1	4.2	50	45	14	ND
% Exceedance								17%	9%		
Geometric mean								66	52		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
17686	09-Oct-2002	8:55	1	23.9	326	7.6	6.4	>20000	36000	233	65.1
17686	12-Nov-2002	8:37	1	18.7	103	8.0	7.4	118	90	22	11.4
17686	11-Dec-2002	9:25	1	8.5	144	8.2	10.6	3400	3500	31	25.2
17686	15-Jan-2003	8:57	1	7.8	148	7.7	11.5	4300	3700	38	12.2
17686	11-Feb-2003	8:55	0.5	10.4	339	7.7	9.6	300	430	12	1.5
17686	11-Mar-2003	9:11	0.5	19.1	117	7.8	8.2	530	440	64	9.5
17686	08-Apr-2003	7:52	0.5	16.4	1146	7.6	7.0	2700	5300	51	NM
17686	06-May-2003	8:27	1	26.2	581	7.6	3.3	141	114	7	NM
17686	20-May-03	8:23	1	28.9	815	7.6	4.5	490	260	14	NM
17686	17-Jun-03	7:43	1	25.8	656	7.6	4.7	2700	1900	67	NM
17686	16-Jul-03	7:50	1	24.8	430	7.6	4.6	27000	1000	241	54.7
17686	12-Aug-03	8:02	1	26.7	885	7.7	4.0	100	210	55	NM
% Exceedance								67%	67%		
Geometric mean								1182	943		
17685	09-Oct-2002	8:10	1	20.5	817	8.0	6.7	1400	1100	84	ND
17685	12-Nov-2002	8:10	1	17.1	194	8.3	8.0	136	130	399	ND
17685	11-Dec-2002	8:40	0.5	7.6	382	8.5	9.3	164	161	4	ND
17685	15-Jan-2003	8:23	0.25	6.4	376	8.2	11.8	440	340	3	ND
17685	11-Feb-2003	8:26	0.5	10.3	233	7.8	9.3	17	29	5	ND
17685	11-Mar-2003	8:34	0.5	18.6	288	7.8	4.4	25	21	8	ND
17685	08-Apr-2003	7:20	0.5	17.8	529	8.0	7.3	270	280	9	ND
17685	06-May-2003	7:43	1	26.3	593	8.0	7.0	25	14	81	ND
17685	20-May-03	7:37	1	29.2	801	7.8	5.3	48	17	52	ND
17685	17-Jun-03	7:15	1	28.4	754	7.7	5.2	96	46	55	ND
17685	16-Jul-03	7:24	0.25	26.8	727	7.9	5.0	220	116	10	ND
17685	12-Aug-03	7:40	1	29.5	909	7.8	4.8	30	20	45	ND
% Exceedance								17%	8%		
Geometric mean								102	75		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
17373	09-Oct-2002	11:42	1	27.2	816	7.7	4.9	127	104	15	ND
17373	12-Nov-2002	11:30	1	19.9	235	7.8	6.3	68	55	122	ND
17373	11-Dec-2002	10:44	1	11.0	445	7.7	8.3	144	120	4	ND
17373	15-Jan-2003	11:06	1	11.3	502	7.9	8.8	35	42	2	ND
17373	11-Feb-2003	11:09	1	12.1	401	8.1	10.3	9	10	267	ND
17373	11-Mar-2003	10:23	1	17.8	364	7.8	6.4	32	28	3	ND
17373	08-Apr-2003	10:12	1	21.8	488	7.8	6.3	560	600	4	ND
17373	06-May-2003	9:50	1	27.3	578	8.0	6.6	MD	22	8	ND
17373	20-May-03	9:44	1	30.2	807	8.2	8.1	MD	MD	3	ND
17373	3-Jun-03	9:08	1	29.6	686	7.9	5.9	38	28	3	ND
17373	17-Jun-03	9:50	1	28.8	746	7.7	4.2	46	40	4	ND
17373	16-Jul-03	10:30	1	28.1	548	7.7	5.4	910	220	6	ND
17373	12-Aug-03	9:29	1	29.9	969	7.6	3.8	66	50	2	ND
% Exceedance								18%	8%		
Geometric mean								79	58		
12091	09-Oct-2002	8:40	1	25.2	516	7.7	5.7	14000	11500	128	ND
12091	12-Nov-2002	8:26	1	17.0	194	8.0	7.6	227	251	187	ND
12091	11-Dec-2002	9:11	1	8.5	181	8.2	10.1	5000	4400	45	ND
12091	15-Jan-2003	8:42	1	7.7	173	7.7	11.0	2300	2300	43	ND
12091	11-Feb-2003	8:42	0.5	10.0	351	7.4	8.2	91	207	7	ND
12091	11-Mar-2003	8:53	1	19.2	118	7.8	7.6	360	270	79	ND
12091	08-Apr-2003	7:40	1	18.3	571	7.8	7.2	MD	664	51	ND
12091	06-May-2003	8:06	1	26.2	582	7.7	4.7	46	33	103	ND
12091	20-May-03	8:03	1	29.2	808	7.7	4.0	90	32	26	ND
12091	17-Jun-03	7:33	1	28.1	735	7.7	5.0	873	510	62	ND
12091	16-Jul-03	7:40	1	25.5	540	7.6	3.4	700	110	28	ND
12091	12-Aug-03	7:51	1	29.3	904	7.8	4.9	82	82	42	ND
% Exceedance								45%	42%		
Geometric mean								470	363		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
12090	09-Oct-2002	9:20	1	25.9	685	7.6	4.8	4000	5500	38	160.3
12090	12-Nov-2002	8:57	1	16.8	204	8.0	7.4	240	155	185	119.0
12090	11-Dec-2002	9:49	1	9.5	190	8.1	9.1	818	745	13	34.0
12090	15-Jan-2003	9:20	1	8.0	162	7.7	10.0	172	200	7	32.0
12090	11-Feb-2003	9:15	1	9.9	332	7.5	7.5	230	1140	12	NM
12090	11-Mar-2003	9:33	1	19.0	217	7.5	3.1	230	200	22	NM
12090	08-Apr-2003	8:12	1	20.0	516	7.8	6.9	200	400	39	NM
12090	06-May-2003	8:48	1	26.4	564	7.6	4.6	143	54	34	111.8
12090	20-May-03	8:45	1	29.5	813	7.5	2.7	330	210	22	213.8
12090	17-Jun-03	8:03	1	27.2	627	7.4	3.1	330	430	73	114.2
12090	16-Jul-03	8:10	1	27.8	737	7.7	3.7	1700	900	24	5.0
12090	12-Aug-03	8:20	1	29.0	889	7.8	4.9	1940	718	38.4	85.2
% Exceedance								33%	58%		
Geometric mean								452	427		
12089	09-Oct-2002	9:38	1	27.1	862	7.8	6.4	927	1100	17	ND
12089	12-Nov-2002	9:25	0.5	20.0	153	7.8	6.0	160	130	31	ND
12089	11-Dec-2002	10:09	1	9.5	205	8.1	9.3	7200	5200	30	ND
12089	15-Jan-2003	9:46	0.5	9.0	287	7.7	10.3	1270	1420	17	ND
12089	11-Feb-2003	9:38	0.5	10.9	213	7.8	9.5	22	44	22	ND
12089	11-Mar-2003	9:57	0.25	15.5	157	7.7	7.5	20	20	21	ND
12089	08-Apr-2003	8:36	1	20.5	518	7.8	6.9	3300	2300	37	ND
12089	06-May-2003	9:15	1	27.2	565	7.7	5.5	145	66	38	ND
12089	20-May-03	9:15	1	29.5	810	7.6	5.2	1800	1600	24	ND
12089	17-Jun-03	8:32	1	27.7	580	7.6	5.4	340	450	37	ND
12089	16-Jul-03	8:32	0.25	28.2	675	7.8	5.2	370	164	18	ND
12089	12-Aug-03	8:42	1	29.2	893	7.8	5.9	390	320	49	ND
% Exceedance								42%	50%		
Geometric mean								414	364		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
12088	09-Oct-2002	10:03	1	26.7	885	7.8	6.0	370	290	32	ND
12088	12-Nov-2002	9:49	1	19.5	172	7.7	6.3	127	64	45	ND
12088	11-Dec-2002	10:28	1	9.8	272	8.0	9.5	2800	2400	39	ND
12088	15-Jan-2003	10:07	1	9.2	227	7.7	10.1	1090	1240	23	ND
12088	11-Feb-2003	10:05	1	11.7	347	7.5	8.9	32	54	19	ND
12088	11-Mar-2003	10:20	1	19.2	468	7.6	6.6	80	44	23	ND
12088	08-Apr-2003	8:56	1	19.8	504	7.9	7.5	1500	1500	46	ND
12088	06-May-2003	9:44	1	27.4	567	7.7	6.1	70	64	56	ND
12088	20-May-03	9:40	1	29.8	805	7.7	6.2	955	1000	33	ND
12088	17-Jun-03	8:55	1	28.0	576	7.6	5.2	160	80	25	ND
12088	16-Jul-03	8:54	1	26.0	491	7.9	6.6	38000	1300	126	ND
12088	12-Aug-03	9:00	1	29.0	895	7.8	5.7	340	300	44	ND
% Exceedance								42%	42%		
Geometric mean								454	293		
12087	09-Oct-2002	10:23	1	26.4	819	7.9	6.3	1070	845	32	ND
12087	12-Nov-2002	10:06	1	19.5	191	7.7	6.4	205	116	59	ND
12087	11-Dec-2002	10:48	1	9.9	293	8.0	9.5	2030	1500	41	ND
12087	15-Jan-2003	10:36	1	9.5	241	7.6	10.0	736	1070	24	ND
12087	11-Feb-2003	10:30	1	11.5	313	7.6	9.4	22	52	8	ND
12087	11-Mar-2003	10:43	1	19.0	314	7.6	6.0	28	27	13	ND
12087	08-Apr-2003	9:16	1	20.1	495	7.9	7.3	2500	2100	35	ND
12087	06-May-2003	10:12	1	27.4	566	7.8	6.0	125	42	61	ND
12087	20-May-03	10:06	1	29.8	812	7.7	6.0	340	210	44	ND
12087	17-Jun-03	9:16	1	28.0	577	7.6	4.7	220	35	42	ND
12087	16-Jul-03	9:20	1	26.1	520	7.8	6.0	3400	2200	30	ND
12087	12-Aug-03	9:17	1	29.1	891	7.8	4.9	2300	1730	38	ND
% Exceedance								50%	50%		
Geometric mean								427	301		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
12086	09-Oct-2002	10:54	1	26.7	808	7.8	5.3	270	90	28	ND
12086	12-Nov-2002	10:40	1	19.4	243	7.8	5.7	136	80	37	ND
12086	11-Dec-2002	11:28	1	10.1	315	8.0	9.4	1560	1270	51	ND
12086	15-Jan-2003	11:08	1	9.6	285	7.6	9.8	360	550	18	ND
12086	11-Feb-2003	11:05	1	11.3	489	7.6	8.3	29	40	12	ND
12086	11-Mar-2003	11:13	1	19.9	488	7.5	3.5	18	15	7	ND
12086	08-Apr-2003	9:50	1	20.8	517	7.7	6.3	900	1020	32	ND
12086	06-May-2003	10:50	1	27.1	569	7.8	5.7	66	30	95	ND
12086	20-May-03	10:53	1	29.6	822	7.7	5.1	MD	MD	79	ND
12086	3-Jun-03	9:53	1	29.6	705	7.8	5.2	74	42	43	ND
12086	17-Jun-03	9:57	1	27.8	589	7.6	4.7	88	39	34	ND
12086	16-Jul-03	9:51	1	25.0	224	7.6	5.6	3700	1200	66	ND
12086	12-Aug-03	9:53	1	28.8	845	7.7	4.4	2100	1000	23	ND
% Exceedance								33%	42%		
Geometric mean								238	154		
12083	09-Oct-2002	11:09	1	27.2	858	7.8	4.5	17100	750	11	ND
12083	12-Nov-2002	12:15	1	20.2	236	7.6	5.1	114	88	18	ND
12083	11-Dec-2002	11:36	1	10.3	319	7.6	8.5	1340	1100	32	ND
12083	15-Jan-2003	11:50	1	9.7	515	7.7	9.4	310	300	10	ND
12083	11-Feb-2003	12:08	1	12.7	618	8.0	10.5	210	230	8	ND
12083	11-Mar-2003	11:11	1	19.2	324	7.7	6.3	126	96	11	ND
12083	08-Apr-2003	10:58	1	21.5	525	7.7	5.8	1800	1600	22	ND
12083	06-May-2003	10:42	1	27.2	586	7.8	5.7	220	98	18	ND
12083	20-May-03	10:14	1	29.7	789	7.8	4.7	MD	MD	13	ND
12083	3-Jun-03	10:04	1	29.7	706	7.8	5.0	92	56	17	ND
12083	17-Jun-03	10:23	1	28.1	619	7.6	3.7	173	128	22	ND
12083	16-Jul-03	11:11	1	26.6	419	7.8	5.9	>20000	>20000	42	ND
12083	12-Aug-03	10:02	1	29.1	839	7.6	3.2	350	170	16	ND
% Exceedance								33%	33%		
Geometric mean								560	333		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
12079	09-Oct-2002	12:32	1	27.3	829	7.7	4.2	136	88	7	ND
12079	12-Nov-2002	12:58	1	20.3	242	7.8	6.3	32	27	7	ND
12079	11-Dec-2002	12:10	1	11.4	476	7.8	9.1	78	72	3	ND
12079	15-Jan-2003	12:25	1	11.2	481	7.9	9.9	66	MD	9	ND
12079	11-Feb-2003	12:52	1	13.3	488	8.1	10.9	27	66	4	ND
12079	11-Mar-2003	11:53	1	18.6	316	7.9	7.7	52	25	3	ND
12079	08-Apr-2003	11:38	1	21.9	374	7.7	5.8	1000	1100	5	ND
12079	06-May-2003	11:24	1	27.6	594	7.9	6.8	60	42	4	ND
12079	20-May-03	10:40	1	30.4	774	8.0	6.4	MD	MD	4	ND
12079	3-Jun-03	10:38	1	30.4	694	8.0	6.3	27	20	3	ND
12079	17-Jun-03	11:06	1	30.1	685	7.7	4.4	30	19	4	ND
12079	16-Jul-03	11:40	1	27.6	551	7.8	5.7	1200	500	14	ND
12079	12-Aug-03	10:33	1	30.7	917	7.7	3.8	40	37	6	ND
% Exceedance								17%	18%		
Geometric mean								80	65		
12077	09-Oct-2002	11:23	1	25.5	256	7.7	6.2	2500	1900	62	ND
12077	12-Nov-2002	11:09	1	18.6	628	7.7	7.9	0	0	6	ND
12077	11-Dec-2002	10:24	1	11.0	403	7.7	10.4	52	52	3	ND
12077	15-Jan-2003	10:49	1	10.8	425	7.9	13.4	28	26	1	ND
12077	11-Feb-2003	10:45	1	12.8	419	8.1	14.3	22	25	1	ND
12077	11-Mar-2003	10:06	0.5	19.0	613	7.7	6.6	18	18	8	ND
12077	08-Apr-2003	9:55	1	21.0	447	7.8	7.1	4500	4600	30	ND
12077	06-May-2003	9:31	0.25	26.2	772	7.7	6.1	MD	50	12	ND
12077	20-May-03	9:28	1	27.6	645	7.6	3.8	MD	MD	24	ND
12077	3-Jun-03	8:52	1	27.0	679	7.6	3.5	30	39	6	ND
12077	17-Jun-03	9:31	1	26.5	311	7.7	5.9	864	155	14	ND
12077	16-Jul-03	10:09	1	26.0	222	7.5	6.0	46000	9000	170	ND
12077	12-Aug-03	9:13	1	27.0	543	7.6	6.2	220	109	6	ND
% Exceedance								36%	25%		
Geometric mean								160	104		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
12075	09-Oct-2002	10:16	1	24.9	215	7.6	6.9	MD	4500	60	ND
12075	12-Nov-2002	9:47	1	18.9	594	7.6	7.4	230	260	78	ND
12075	11-Dec-2002	9:37	1	11.8	493	7.5	9.0	1030	873	20	ND
12075	15-Jan-2003	10:11	1	11.6	584	7.6	10.0	370	550	15	ND
12075	11-Feb-2003	10:05	1	14.4	580	7.6	10.6	47	210	27	ND
12075	11-Mar-2003	9:27	1	19.9	726	7.6	7.6	360	200	66	ND
12075	08-Apr-2003	9:15	1	20.5	463	7.6	6.0	MD	5000	74	ND
12075	06-May-2003	8:49	1	25.6	876	7.5	4.6	MD	240	65	ND
12075	20-May-03	8:51	1	27.5	838	7.7	4.6	MD	MD	37	ND
12075	3-Jun-03	8:20	1	27.2	872	7.6	4.3	230	210	38	ND
12075	17-Jun-03	8:52	1	26.0	456	7.5	4.6	4800	3700	61	ND
12075	16-Jul-03	9:17	1	26.0	246	7.5	6.4	>20000	>20000	84	ND
12075	12-Aug-03	8:37	1	26.8	624	7.5	4.7	1400	1200	30	ND
% Exceedance								44%	58%		
Geometric mean								710	948		
12074	09-Oct-2002	10:04	1	25.5	326	7.5	5.7	1500	1100	60	152.9
12074	12-Nov-2002	9:37	1	19.2	526	7.6	5.2	91	76	80	44.9
12074	11-Dec-2002	9:24	1	11.8	490	7.5	8.3	1280	936	32	48.5
12074	15-Jan-2003	9:59	1	11.4	589	7.7	9.1	490	773	26	32.0
12074	11-Feb-2003	9:50	1	14.2	580	7.4	8.9	174	177	59	28.7
12074	11-Mar-2003	9:14	1	20.4	737	7.4	5.2	86	76	62	25.1
12074	08-Apr-2003	9:00	1	20.8	458	7.5	5.2	MD	8200	78	183.2
12074	06-May-2003	8:36	1	26.2	881	7.3	3.7	MD	53	26	18.2
12074	20-May-03	8:38	1	27.8	843	7.4	4.8	MD	MD	28	14.7
12074	3-Jun-03	8:07	1	27.9	877	7.4	3.6	1550	540	18	16.0
12074	17-Jun-03	8:33	1	25.7	433	7.3	3.0	1900	1300	41	51.8
12074	16-Jul-03	8:45	1	26.6	320	7.5	4.8	11600	3000	82	161.8
12074	12-Aug-03	8:22	1	26.7	603	7.4	3.0	560	440	36.8	30.0
% Exceedance								70%	67%		
Geometric mean								690	512		

Station	Date	Time	Depth (ft)	Water Temp (°C)	Specific Conductance (µmhos/cm)	pH (standard units)	Dissolved Oxygen (mg/L)	Fecal coliform (colonies/100ml)	<i>E. coli.</i> (colonies/100 ml)	TSS (mg/L)	Flow (cfs)
11516	09-Oct-2002	10:39	1	24.8	300	7.8	6.9	12100	900	29	NM
11516	12-Nov-2002	10:23	1	20.6	769	7.8	6.7	22	18	27	NM
11516	11-Dec-2002	11:04	1	12.7	440	7.9	8.4	2	2	22	NM
11516	15-Jan-2003	10:51	1	12.5	560	7.6	8.5	609	800	32	NM
11516	11-Feb-2003	10:47	1	14.8	657	7.8	9.0	0	0	58	NM
11516	11-Mar-2003	10:58	1	20.7	791	7.9	6.7	5	5	66	NM
11516	08-Apr-2003	9:31	1	19.9	387	7.7	5.8	>20000	>20000	53	NM
11516	06-May-2003	10:30	1	27.0	843	7.9	6.7	6	6	59	NM
11516	20-May-03	10:33	1	29.7	859	7.9	7.6	86	54	22	NM
11516	17-Jun-03	9:38	1	27.0	691	7.5	3.4	100	44	23	NM
11516	16-Jul-03	9:32	1	24.6	107	7.8	6.9	>20000	>20000	53	NM
11516	12-Aug-03	9:37	1	27.1	413	7.8	4.0	2000	1100	14	NM
% Exceedance								42%	42%		
Geometric mean								142	98		
11510	09-Oct-2002	11:35	1	27.0	629	7.9	6.1	168	70	15	ND
11510	12-Nov-2002	11:52	1	20.3	212	7.7	5.4	72	60	12	ND
11510	11-Dec-2002	11:11	1	10.9	386	7.7	8.6	580	530	16	ND
11510	15-Jan-2003	11:31	1	11.5	342	8.1	9.7	42	36	4	ND
11510	11-Feb-2003	11:46	1	12.7	384	8.2	10.9	20	23	9	ND
11510	11-Mar-2003	10:49	1	17.9	374	8.3	10.1	15	15	8	ND
11510	08-Apr-2003	10:36	1	21.4	419	8.1	7.9	450	410	13	ND
11510	06-May-2003	10:19	1	26.4	496	8.2	7.4	14	14	14	ND
11510	20-May-03	10:02	1	29.9	616	8.4	8.2	MD	MD	5	ND
11510	3-Jun-03	9:30	1	29.8	694	8.0	7.0	40	20	8	ND
11510	17-Jun-03	10:10	1	29.8	737	7.8	5.3	50	48	10	ND
11510	16-Jul-03	10:58	1	28.4	500	8.0	6.6	430	72	10	ND
11510	12-Aug-03	9:48	1	30.4	912	7.7	3.4	210	170	10	ND
% Exceedance								25%	17%		
Geometric mean								83	59		

MD - missing data for variance reasons, including interference from other bacteria types and lab and field errors

NM - flow not measurable

ND - no data

Note: Zero and >20,000 values were changed to 1 and 20,000 respectively to calculate geometric mean.