

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 916										
11/10/1998	1:15 p.m.	2.88	22.1	8.5	8.4	3.4	Not Done	15.4	167.7%	Not Done
1/6/1999	1:02 p.m.	2.30	18.7	8.8	9.2	4.6	Not Done	> 20.0	> 200.0%	19860
2/24/1999	11:10 a.m.	3.40	11.6	8.2	9.6	4.0	Not Done	13.3	123.8%	2014
5/11/1999	11:45 a.m.	2.71	17.6	8.2	9.2	5.6	Na	14.9	152.9%	2014
5/25/1999	11:20 a.m.	3.49	19.7	7.9	10.8	4.8	194	9.5	106.6%	64800
8/10/1999	12:00 p.m.	1.66	21.8	8.3	16.0	10.0	Not Done	10.1	122.2%	204600
10/6/1999	10:05 a.m.	1.60	18.1	7.9	11.2	5.6	Not Done	4.9	53.0%	12997
11/2/1999	12:00 p.m.	1.90	14.3	8.2	11.2	4.6	Not Done	10.8	110.1%	32300
2/8/2000	1:30 p.m.	2.00	15.3	8.5	8.6	3.8	194	3.8	37.9%	19860
5/8/2000	3:15 p.m.	2.40	24.3	8.8	15.2	9.2	144	14.7	177.4%	27200
5/24/2000	3:35 p.m.	Flowing	20.6	8.8	29.8	12.0	158	10.0	108.5%	104000
8/21/2000	1:40 p.m.	2.20	27.1	8.4	9.6	4.0	164	10.3	130.0%	64500
11/13/2000	3:15 p.m.	1.98	16.5	8.4	5.2	1.9	173	10.6	107.7%	35900
2/7/2001	2:30 p.m.	2.54	12.3	8.3	6.0	2.6	188	10.5	96.8%	4611
5/7/2001	12:37 p.m.	3.53	30.9	8.8	21.4	10.4	118	5.6	80.4%	12997
6/5/2001	9:35 a.m.	3.37	19.2	8.2	84.2	19.4	200	6.8	71.8%	76300
8/7/2001	11:03 a.m.	2.46	27.2	8.4	8.2	4.4	182	5.2	56.8%	165800
11/8/2001	10:00 a.m.	2.19	17.9	8.2	69.8	14.4	156	6.4	67.6%	25900
2/4/2002	9:56 a.m.	2.36	14.5	8.1	10.6	4.2	187	7.8	76.6%	59100
5/7/2002	10:10 a.m.	2.89	16.7	8.7	4.8	3.8	185	3.3	32.9%	30500
8/5/2002	1:57 p.m.	0.88	33.9	8.9	18.8	9.2	106	4.5	64.3%	272300
11/4/2002	8:30 a.m.	0.92	13.5	8.2	28.0	8.4	188	6.8	64.1%	10802
2/3/2003	1:55 p.m.	0.82	21.6	8.9	10.2	3.3	135	9.6	110.7%	5794
5/12/2003	12:45 p.m.	1.41	28.9	9.0	4.0	2.0	129	6.0	78.5%	17329
Ave. All		2.26	20.2	8.4	17.5	6.5	165	> 9.2	> 99.9%	55282
Winter		2.52	14.5	8.4	8.8	3.8	190	> 11.1	> 107.0%	21089
Spring		3.07	21.3	8.5	25.1	9.3	166	9.3	104.4%	45402
Summer		1.80	27.5	8.5	13.2	6.9	151	7.5	93.3%	176800
Fall		1.91	17.1	8.2	22.3	6.4	172	9.1	95.0%	23580
Season Ave		2.32	20.1	8.4	17.3	6.6	170	> 9.2	> 99.9%	66718

Sample Station Date	Time of Sample on	Flow as MGD on	Fecal Coliform as Col./100ml	Entero. Coliform as Col./100ml	Conductivity umhos/cm	Turbidity NTU	Nitrate as mg/l N	Nitrite as mg/l N	Ammonia (NH4+) as mg/l N	Total Kjeldahl Nitrogen as mg/l N
Station 916										
11/10/1998	1:15 p.m.	2.88	Not Done	Not Done	1658	Not Done	9.6	0.02	< 0.2	1.20
1/6/1999	1:02 p.m.	2.30	146	< 10	1315	Not Done	9.0	0.06	< 0.2	0.58
2/24/1999	11:10 a.m.	3.40	404	52	2110	1.8	9.4	0.17	< 0.2	0.43
5/11/1999	11:45 a.m.	2.71	404	52	2110	1.8	7.3	0.19	< 0.2	0.30
5/25/1999	11:20 a.m.	3.49	3310	211	2000	1.8	7.7	< 0.25	< 0.3	0.92
8/10/1999	12:00 p.m.	1.66	1259	< 40	2010	2.7	8.6	0.31	0.6	2.10
10/6/1999	10:05 a.m.	1.60	581	959	2020	4.1	7.1	Not Done	Not Done	Not Done
11/2/1999	12:00 p.m.	1.90	697	419	2310	4.1	9.5	0.14	0.7	1.00
2/8/2000	1:30 p.m.	2.00	520	85	1966	2.3	9.4	0.17	0.5	1.50
5/8/2000	3:15 p.m.	2.40	330	63	1819	3.3	5.6	0.17	0.3	0.92
5/24/2000	3:35 p.m.	Flowing	810	930	1827	5.9	8.5	0.20	< 0.3	1.71
8/21/2000	1:40 p.m.	2.20	1354	350	1843	3.9	6.8	0.28	0.5	0.92
11/13/2000	3:15 p.m.	1.98	1010	323	1928	2.1	9.9	0.11	0.2	0.49
2/7/2001	2:30 p.m.	2.54	816	231	2110	2.4	10.0	0.10	0.2	0.48
5/7/2001	12:37 p.m.	3.53	295	< 10	1937	4.0	6.5	0.11	0.3	1.20
6/5/2001	9:35 a.m.	3.37	907	805	2030	18.3	8.5	0.16	0.7	1.80
8/7/2001	11:03 a.m.	2.46	932	345	1946	4.3	7.5	0.20	0.3	2.00
11/8/2001	10:00 a.m.	2.19	576	181	1973	9.8	8.2	0.07	J 0.1	1.60
2/4/2002	9:56 a.m.	2.36	1725	228	1970	2.7	10.3	0.08	< 0.2	0.70
5/7/2002	10:10 a.m.	2.89	416	471	1886	1.7	9.1	0.24	0.3	0.79
8/5/2002	1:57 p.m.	0.88	706	457	1715	9.9	8.2	0.19	0.3	1.30
11/4/2002	8:30 a.m.	0.92	1942	377	1955	9.2	9.6	0.06	J 0.2	0.60
2/3/2003	1:55 p.m.	0.82	74	74	1850	4.1	10.0	0.11	< 0.3	0.92
5/12/2003	12:45 p.m.	1.41	145	145	1889	1.7	7.7	0.08	< 0.2	0.21
Ave. All		2.26	842	< 296	1924	4.6	8.5	< 0.15	< 0.3	1.03
Winter		2.52	722	< 121	1894	2.3	9.6	0.12	< 0.3	0.74
Spring		3.07	925	< 363	1944	5.3	7.6	< 0.19	< 0.3	1.09
Summer		1.80	1063	< 298	1879	5.2	7.8	0.25	0.4	1.58
Fall		1.91	961	452	1974	5.9	9.0	0.08	< 0.3	0.98
Season Ave		2.32	918	< 309	1923	4.7	8.5	< 0.16	< 0.3	1.10

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatile TDS as mg/l	Non Volatile TDS as mg/l	Fluoride as mg/l
Station 916										
11/10/1998	1:15 p.m.	2.88	0.10	0.10	Na	Na	1161	Not Done	Not Done	0.9
1/6/1999	1:02 p.m.	2.30	0.12	<	Na	Na	1180	Not Done	Not Done	0.6
2/24/1999	11:10 a.m.	3.40	0.07	0.02	Na	Na	1320	Not Done	Not Done	1.1
5/11/1999	11:45 a.m.	2.71	0.10	0.03	Na	Na	1228	Not Done	Not Done	Not Done
5/25/1999	11:20 a.m.	3.49	Not Done	<	Na	Na	1268	Not Done	Not Done	<
8/10/1999	12:00 p.m.	1.66	0.06	0.02	Na	Na	1164	Not Done	Not Done	<
10/6/1999	10:05 a.m.	1.60	Not Done	Not Done	Na	Na	1216	152	1064	0.9
11/2/1999	12:00 p.m.	1.90	0.10	0.04	Na	Na	1280	156	1124	<
2/8/2000	1:30 p.m.	2.00	0.07	0.03	Na	Na	1320	200	1120	0.8
5/8/2000	3:15 p.m.	2.40	<	0.05	0.4	4.2	1310	82	1228	1.6
5/24/2000	3:35 p.m.	Flowing	0.22	0.05	Na	Na	1220	156	1064	1.0
8/21/2000	1:40 p.m.	2.20	0.10	0.06	Na	3.5	1179	156	1023	3.0
11/13/2000	3:15 p.m.	1.98	J	0.09	Na	2.2	1228	178	1050	0.6
2/7/2001	2:30 p.m.	2.54	0.08	0.04	0.1	2.9	1358	140	1218	2.1
5/7/2001	12:37 p.m.	3.53	0.10	0.02	0.1	1.7	1155	138	1017	2.2
6/5/2001	9:35 a.m.	3.37	0.20	<	Na	3.4	1360	165	1195	1.8
8/7/2001	11:03 a.m.	2.46	J	0.02	<	3.7	1313	140	1173	0.7
11/8/2001	10:00 a.m.	2.19	0.11	0.03	0.8	2.8	1302	145	1157	2.4
2/4/2002	9:56 a.m.	2.36	0.11	0.05	0.2	1.1	1285	133	1152	2.3
5/7/2002	10:10 a.m.	2.89	J	0.07	Na	4.8	1247	Na	Na	0.6
8/5/2002	1:57 p.m.	0.88	J	0.02	<	4.9	1100	105	995	0.6
11/4/2002	8:30 a.m.	0.92	J	0.06	<	1.5	1248	231	1017	0.5
2/3/2003	1:55 p.m.	0.82	0.03	0.06	<	2.9	1228	146	1082	0.6
5/12/2003	12:45 p.m.	1.41	J	0.02	<	4.0	1292	260	1032	0.8
Ave. All		2.26	<	0.10	<	3.1	1248	158	1101	<
Winter		2.52	0.09	<	0.1	2.0	1293	158	1163	1.4
Spring		3.07	<	0.13	<	3.5	1255	135	1126	<
Summer		1.80	0.08	0.03	<	4.0	1189	134	1064	<
Fall		1.91	0.09	0.06	0.4	2.2	1239	172	1082	<
Season Ave		2.32	<	0.10	<	2.9	1244	150	1109	<

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 916										
11/10/1998	1:15 p.m.	2.88	249	304	208	2.4	61	104	511	Not Done
1/6/1999	1:02 p.m.	2.30	290	332	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:10 a.m.	3.40	275	308	231	3.3	62	113	537	Not Done
5/11/1999	11:45 a.m.	2.71	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
5/25/1999	11:20 a.m.	3.49	280	315	233	4.1	75	106	574	324
8/10/1999	12:00 p.m.	1.66	266	301	245	3.5	76	114	598	Not Done
10/6/1999	10:05 a.m.	1.60	235	283	213	4.2	67	102	531	Not Done
11/2/1999	12:00 p.m.	1.90	254	303	216	3.3	64	108	534	Not Done
2/8/2000	1:30 p.m.	2.00	263	309	225	3.4	77	110	592	324
5/8/2000	3:15 p.m.	2.40	259	318	206	3.4	63	76	448	240
5/24/2000	3:35 p.m.	Flowing	257	319	221	13.1	71	89	515	264
8/21/2000	1:40 p.m.	2.20	246	300	221	4.0	69	99	531	273
11/13/2000	3:15 p.m.	1.98	261	325	206	3.2	71	104	552	289
2/7/2001	2:30 p.m.	2.54	298	316	248	3.0	76	117	605	314
5/7/2001	12:37 p.m.	3.53	261	329	215	2.2	64	79	462	196
6/5/2001	9:35 a.m.	3.37	284	328	223	3.6	76	114	599	333
8/7/2001	11:03 a.m.	2.46	284	332	222	3.3	68	99	526	304
11/8/2001	10:00 a.m.	2.19	270	321	228	2.8	74	116	596	260
2/4/2002	9:56 a.m.	2.36	267	323	221	2.5	74	118	598	312
5/7/2002	10:10 a.m.	2.89	249	321	218	2.4	73	110	578	308
8/5/2002	1:57 p.m.	0.88	264	343	215	2.1	63	70	434	177
11/4/2002	8:30 a.m.	0.92	286	339	211	2.3	70	108	561	314
2/3/2003	1:55 p.m.	0.82	273	344	213	2.8	72	86	510	226
5/12/2003	12:45 p.m.	1.41	283	375	230	3.0	78	80	521	206
Ave. All		2.26	268	321	221	3.5	70	101	541	274
Winter		2.52	279	318	231	3.1	72	115	583	317
Spring		3.07	265	322	219	4.8	70	96	529	278
Summer		1.80	265	319	226	3.2	69	96	522	251
Fall		1.91	259	312	214	3.0	68	107	547	288
Season Ave		2.32	267	318	222	3.5	70	103	546	283

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 917										
11/10/1998	1:30 p.m.	Flowing	22.1	8.4	2.8	2.0	Not Done	11.6	123.8%	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
5/25/1999	12:50 p.m.	Flowing	28.2	8.6	8.0	3.6	146	> 20.0	> 200.0%	13700
8/10/1999	10:35 a.m.	1.60	26.0	8.5	35.0	15.0	171	15.2	197.8%	198600
10/6/1999	9:25 a.m.	1.80	19.5	8.9	18.8	7.6	Not Done	11.3	122.8%	12740
11/2/1999	12:05 p.m.	1.60	24.8	9.1	19.4	8.0	Not Done	15.6	186.8%	88400
2/9/2000	1:05 p.m.	Flowing	22.5	9.4	9.8	5.4	130	2.3	25.9%	4885
5/9/2000	9:15 a.m.	2.90	20.4	8.3	14.0	11.8	182	13.9	162.0%	17330
8/22/2000	11:45 a.m.	Flowing	30.1	8.8	23.6	7.4	144	13.5	180.5%	83900
11/15/2000	1:20 p.m.	1.15	19.6	9.0	16.8	7.2	132	17.6	192.0%	12033
2/8/2001	1:20 p.m.	Flowing	18.2	8.9	5.2	2.4	143	14.8	138.7%	16032
5/7/2001	1:20 p.m.	3.44	31.3	9.0	11.8	4.6	80	7.6	121.5%	2050
8/6/2001	12:59 p.m.	2.38	33.9	9.3	30.0	11.2	83	4.8	67.9%	91000
11/7/2001	2:10 p.m.	1.64	24.0	8.7	33.0	7.6	183	8.3	83.4%	6131
2/4/2002	9:18 a.m.	2.23	10.3	8.2	10.8	4.2	186	6.8	61.2%	90500
5/13/2002	1:58 p.m.	2.65	30.3	9.3	13.6	7.2	96	4.2	54.2%	52900
8/6/2002	8:32 a.m.	0.86	20.3	8.2	13.2	6.0	183	5.4	59.7%	30500
11/5/2002	10:30 a.m.	0.88	18.7	8.5	12.8	4.8	185	7.9	86.0%	8164
2/3/2003	1:16 p.m.	0.75	20.6	8.8	4.0	2.2	139	8.4	95.5%	1835
5/12/2003	1:15 p.m.	1.39	29.4	9.1	3.9	1.8	113	7.2	94.9%	4352
Ave. All										
Winter		1.80	23.7	8.8	15.1	6.3	144	> 10.3	> 118.7%	40836
Spring		2.23	17.0	8.8	8.6	4.0	153	8.0	75.3%	37139
Summer		3.00	27.6	8.8	11.9	6.8	126	> 11.4	> 134.4%	21495
Fall		1.61	27.6	8.7	25.5	9.9	145	9.7	126.5%	101000
Season Ave		1.41	21.5	8.8	17.3	6.2	167	12.0	132.5%	25494
		2.06	23.4	8.8	15.8	6.7	148	> 10.3	> 117.2%	46282

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatile TDS as mg/l	Non Volatile TDS as mg/l	Fluoride as mg/l
Station 917										
11/10/1998	1:30 p.m.	Flowing	< 0.10	0.06	Na	Na	Not Done	Not Done	Not Done	< 0.1
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
5/25/1999	12:50 p.m.	Flowing	0.10	0.05	Na	Na	1200	Not Done	Not Done	< 0.1
8/10/1999	10:35 a.m.	1.60	0.10	0.03	Na	Na	1228	Not Done	Not Done	1.1
10/6/1999	9:25 a.m.	1.80	Not Done	Not Done	Na	Na	1324	224	1100	0.9
11/2/1999	12:05 p.m.	1.60	0.36	0.03	Na	Na	1168	152	1016	0.9
2/9/2000	1:05 p.m.	Flowing	0.10	0.03	Na	Na	1240	204	1036	< 0.1
5/9/2000	9:15 a.m.	2.90	< 0.10	< 0.02	Na	2.2	1280	140	1140	1.1
8/22/2000	11:45 a.m.	Flowing	0.20	0.09	Na	3.1	1250	145	1105	3.0
11/15/2000	1:20 p.m.	1.15	< 0.04	< 0.02	Na	2.3	1193	130	1063	2.0
2/8/2001	1:20 p.m.	Flowing	0.10	0.03	0.2	2.2	1110	108	1002	1.9
5/7/2001	1:20 p.m.	3.44	< 0.05	0.05	< 0.1	3.9	1208	133	1075	2.4
8/6/2001	12:59 p.m.	2.38	< 0.06	< 0.02	0.3	6.7	1208	200	1008	0.7
11/7/2001	2:10 p.m.	1.64	< 0.04	< 0.02	0.8	2.7	1210	120	1090	3.5
2/4/2002	9:18 a.m.	2.23	< 0.06	0.02	0.1	< 1.0	1273	128	1145	2.1
5/13/2002	1:58 p.m.	2.65	< 0.05	< 0.02	0.5	4.5	1210	184	1026	0.9
8/6/2002	8:32 a.m.	0.86	< 0.05	< 0.02	< 0.1	3.9	1218	140	1078	0.6
11/5/2002	10:30 a.m.	0.88	< 0.08	0.06	< 0.1	2.1	1259	231	1028	0.8
2/3/2003	1:16 p.m.	0.75	0.02	0.04	< 0.1	2.2	1220	148	1072	0.6
5/12/2003	1:15 p.m.	1.39	< 0.07	< 0.02	< 0.1	3.5	1300	272	1028	0.7
Ave. All		1.80	< 0.09	< 0.04	0.2	< 3.1	1228	166	1063	< 1.2
Winter		2.23	0.09	0.03	0.2	< 1.6	1208	147	1061	< 1.4
Spring		3.00	< 0.07	< 0.04	< 0.3	3.5	1225	152	1080	< 1.1
Summer		1.61	0.10	< 0.04	0.2	4.6	1226	162	1064	1.4
Fall		1.41	< 0.13	< 0.04	0.5	2.4	1231	171	1059	< 1.4
Season Ave		2.06	< 0.10	< 0.04	0.3	< 3.0	1222	158	1066	< 1.3

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 917										
11/10/1998	1:30 p.m.	Flowing	252	299	208	2.6	62	100	505	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
5/25/1999	12:50 p.m.	Flowing	275	309	229	3.8	69	87	501	244
8/10/1999	10:35 a.m.	1.60	259	294	237	2.9	67	97	519	285
10/6/1999	9:25 a.m.	1.80	244	286	221	4.7	67	105	539	Not Done
11/2/1999	12:05 p.m.	1.60	248	315	221	4.5	57	86	449	Not Done
2/9/2000	1:05 p.m.	Flowing	269	313	232	3.3	72	73	480	217
5/9/2000	9:15 a.m.	2.90	272	314	216	3.3	67	99	522	304
8/22/2000	11:45 a.m.	Flowing	258	328	221	3.0	61	85	463	240
11/15/2000	1:20 p.m.	1.15	261	317	214	2.9	72	92	526	220
2/8/2001	1:20 p.m.	Flowing	235	261	196	2.6	62	96	495	239
5/7/2001	1:20 p.m.	3.44	306	336	227	3.0	74	62	457	133
8/6/2001	12:59 p.m.	2.38	280	358	225	4.0	52	69	385	139
11/7/2001	2:10 p.m.	1.64	277	321	231	2.5	72	97	538	306
2/4/2002	9:18 a.m.	2.23	266	321	220	2.1	74	118	598	311
5/13/2002	1:58 p.m.	2.65	407	543	370	4.5	96	107	662	160
8/6/2002	8:32 a.m.	0.86	257	325	218	1.6	71	106	557	305
11/5/2002	10:30 a.m.	0.88	282	333	226	2.5	75	109	580	309
2/3/2003	1:16 p.m.	0.75	272	337	217	2.6	73	87	517	232
5/12/2003	1:15 p.m.	1.39	290	376	232	2.6	79	73	509	189
Ave. All										
		1.80	274	331	230	3.1	69	92	516	240
Winter										
		2.23	257	298	216	2.7	69	96	524	256
Spring										
		3.00	315	375	260	3.7	76	89	536	210
Summer										
		1.61	263	326	225	2.9	63	89	481	242
Fall										
		1.41	261	312	220	3.3	67	98	523	278
Season Ave										
		2.06	274	328	230	3.1	69	93	516	247

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 920										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:30 a.m.	Flowing	11.2	8.8	5.6	2.8	Not Done	11.0	119.5%	2187
5/25/1999	1:10 p.m.	Flowing	28.9	8.6	8.4	4.0	144	> 20.0	> 200.0%	4610
8/10/1999	11:00 a.m.	Flowing	26.4	8.5	31.0	14.0	166	12.6	157.1%	198600
10/6/1999	8:40 a.m.	Flowing	18.6	8.2	3.6	3.2	Not Done	3.5	38.7%	8164
11/2/1999	12:20 p.m.	Flowing	22.9	8.9	14.2	5.0	Not Done	16.5	192.4%	15530
2/9/2000	1:25 p.m.	Flowing	20.9	9.3	4.4	2.4	126	1.9	21.2%	3080
5/9/2000	11:15 a.m.	Flowing	25.9	8.5	6.2	4.2	147	14.3	179.0%	6130
5/24/2000	3:05 p.m.	Flowing	20.4	8.5	24.0	8.6	150	15.1	113.0%	73300
7/26/2000	12:15 p.m.	1.20	28.8	8.5	Na	Na	146	5.0	64.9%	42200
8/22/2000	12:15 p.m.	Flowing	30.2	8.5	38.8	14.8	147	11.6	160.0%	30900
11/16/2000	9:05 a.m.	0.92	11.2	8.3	3.0	0.8	186	16.9	149.6%	8664
2/8/2001	2:00 p.m.	Flowing	17.4	8.8	4.4	2.0	122	14.8	144.3%	5012
5/8/2001	12:55 p.m.	Flowing	29.8	8.7	6.4	4.4	125	6.4	86.3%	5790
8/7/2001	12:30 a.m.	Flowing	32.7	8.8	32.6	11.4	126	4.8	66.3%	60900
11/6/2001	11:15 a.m.	1.10	22.1	8.5	40.0	11.8	166	6.2	70.6%	12033
2/5/2002	9:14 a.m.	Flowing	11.7	8.1	4.8	2.2	182	2.6	23.4%	5172
5/14/2002	9:32 a.m.	2.02	22.3	8.3	3.8	3.8	166	7.7	87.5%	5200
8/7/2002	2:30 p.m.	0.35	32.3	8.6	76.4	21.2	121	2.7	36.5%	166900
11/5/2002	9:45 a.m.	0.45	17.4	8.3	68.6	21.6	168	7.3	76.9%	9208
2/3/2003	12:15 p.m.	0.53	18.8	8.9	3.6	1.6	138	9.9	106.9%	4611
5/14/2003	12:45 p.m.	1.27	17.7	8.4	2.3	1.5	172	5.4	57.6%	11199
Ave. All		0.98	22.3	8.6	19.1	7.1	150	> 9.3	> 102.5%	32352
Winter	Flowing		15.3	8.8	4.8	2.4	143	7.6	77.1%	3863
Spring	2.02		25.5	8.5	9.8	5.0	146	> 12.7	> 133.2%	19006
Summer	0.77		30.1	8.6	44.7	15.4	141	7.3	97.0%	99900
Fall	0.82		18.4	8.4	25.9	8.5	173	10.1	105.6%	10720
Season Ave	0.95		20.8	8.5	20.8	7.1	151	> 7.8	> 83.5%	25454

Sample Station Date	Time of Sample on	Flow as MGD on	Fecal Coliform as Col./100ml	Entero. Coliform as Col./100ml	Conductivity umhos/cm	Turbidity NTU	Nitrate as mg/l N	Nitrite as mg/l N	Ammonia (NH4+) as mg/l N	Total Kjeldahl Nitrogen as mg/l N
Station 920										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:30 a.m.	Flowing	74	<	1920	0.9	12.8	0.11	<	0.47
5/25/1999	1:10 p.m.	Flowing	173	41	1935	0.8	9.5	<	<	Not Done
8/10/1999	11:00 a.m.	Flowing	857	<	2090	3.4	9.6	0.22	0.4	1.30
10/6/1999	8:40 a.m.	Flowing	959	842	2070	1.6	10.5	Not Done	Not Done	Not Done
11/2/1999	12:20 p.m.	Flowing	272	132	2060	1.6	11.0	0.08	0.3	0.70
2/9/2000	1:25 p.m.	Flowing	40	41	1729	1.2	15.0	0.08	0.2	0.40
5/9/2000	11:15 a.m.	Flowing	63	73	1796	1.3	9.2	0.14	J	1.40
5/24/2000	3:05 p.m.	Flowing	1046	400	1707	8.2	9.8	0.17	<	1.44
7/26/2000	12:15 p.m.	1.20	410	103	1847	10.6	11.0	Na	0.1	Na
8/22/2000	12:15 p.m.	Flowing	776	216	1826	7.1	10.0	0.19	0.2	0.93
11/16/2000	9:05 a.m.	0.92	950	<	1864	0.6	12.0	0.06	J	0.40
2/8/2001	2:00 p.m.	Flowing	1012	253	1856	1.5	18.0	0.09	0.1	1.20
5/8/2001	12:55 p.m.	Flowing	62	<	1814	1.6	10.0	0.12	0.6	0.99
8/7/2001	12:30 a.m.	Flowing	520	121	1785	10.1	9.0	Not Done	0.3	1.80
11/6/2001	11:15 a.m.	1.10	554	228	1881	6.4	12.7	0.09	0.3	1.60
2/5/2002	9:14 a.m.	Flowing	185	74	1930	1.2	11.7	0.10	<	0.37
5/14/2002	9:32 a.m.	2.02	216	85	1856	1.8	8.1	0.19	<	0.45
8/7/2002	2:30 p.m.	0.35	1025	481	1803	15.2	11.3	0.45	0.4	1.10
11/5/2002	9:45 a.m.	0.45	1930	1565	1812	4.3	12.2	0.11	0.2	0.55
2/3/2003	12:15 p.m.	0.53	74	74	1710	2.1	9.9	0.10	<	0.64
5/14/2003	12:45 p.m.	1.27	373	146	1918	2.1	12.6	0.08	<	0.53
Ave. All	0.98	<	551	<	1867	4.0	11.2	<	<	0.90
Winter	Flowing	<	328	<	1859	1.2	14.4	0.09	<	0.61
Spring	2.02	<	312	<	1822	2.7	9.3	<	<	1.07
Summer	0.77	<	718	<	1870	9.3	10.2	0.29	0.3	1.28
Fall	0.82	<	933	<	1937	2.9	11.7	0.09	0.2	0.81
Season Ave	0.95	<	598	<	1843	4.0	11.8	<	<	0.86

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatile TDS as mg/l	Non Volatile TDS as mg/l	Fluoride as mg/l
Station 920										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:30 a.m.	Flowing	0.04	0.02	Na	Na	1200	Not Done	Not Done	1.0
5/25/1999	1:10 p.m.	Flowing	< 0.20	< 0.20	Na	Na	1176	Not Done	Not Done	< 0.1
8/10/1999	11:00 a.m.	Flowing	0.06	0.04	Na	Na	1212	Not Done	Not Done	< 0.1
10/6/1999	8:40 a.m.	Flowing	Not Done	Not Done	Na	Na	1336	232	1104	0.9
11/2/1999	12:20 p.m.	Flowing	0.04	0.01	Na	Na	1192	164	1028	< 0.1
2/9/2000	1:25 p.m.	Flowing	< 0.10	< 0.02	Na	Na	1200	172	1028	< 0.1
5/9/2000	11:15 a.m.	Flowing	< 0.10	< 0.02	< 0.1	<	1176	136	1040	1.0
5/24/2000	3:05 p.m.	Flowing	0.12	0.12	Na	Na	1152	172	980	1.7
7/26/2000	12:15 p.m.	1.20	Na	Na	Na	Na	1233	Na	Na	Not Done
8/22/2000	12:15 p.m.	Flowing	0.20	0.07	Na	3.1	1258	175	1083	2.4
11/16/2000	9:05 a.m.	0.92	J 0.03	< 0.02	< 0.1	1.1	1230	138	1092	1.8
2/8/2001	2:00 p.m.	Flowing	0.20	0.11	Na	1.1	1198	100	1098	2.0
5/8/2001	12:55 p.m.	Flowing	J 0.06	0.06	Na	2.4	1205	175	1030	1.5
8/7/2001	12:30 a.m.	Flowing	J 0.09	Not Done	Na	3.0	1195	143	1053	0.6
11/6/2001	11:15 a.m.	1.10	J 0.03	< 0.02	Na	2.1	1290	198	1092	2.4
2/5/2002	9:14 a.m.	Flowing	J 0.04	< 0.02	Na	<	1228	150	1078	2.2
5/14/2002	9:32 a.m.	2.02	1.30	< 0.02	< 0.1	2.0	1205	155	1050	1.0
8/7/2002	2:30 p.m.	0.35	0.17	0.04	< 0.1	5.6	1190	120	1070	0.7
11/5/2002	9:45 a.m.	0.45	0.21	0.04	< 0.1	2.0	1184	222	962	0.7
2/3/2003	12:15 p.m.	0.53	0.04	0.04	< 0.1	1.4	1238	186	1052	0.6
5/14/2003	12:45 p.m.	1.27	< 0.10	< 0.02	< 0.1	1.7	1364	312	1052	0.8
Ave. All	0.98	<	0.16	< 0.05	< 0.1	<	1222	174	1052	< 1.1
Winter	Flowing	<	0.09	< 0.04	Na	<	1207	141	1068	< 1.3
Spring	2.02	<	0.36	< 0.08	< 0.1	<	1183	160	1025	< 1.1
Summer	0.77		0.13	0.05	< 0.1	3.9	1218	146	1069	< 0.9
Fall	0.82		0.08	< 0.02	< 0.1	1.7	1246	191	1056	< 1.2
Season Ave	0.95	<	0.19	< 0.04	< 0.1	<	1227	170	1058	< 1.3

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 920										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:30 a.m.	Flowing	247	282	218	3.7	55	100	476	Not Done
5/25/1999	1:10 p.m.	Flowing	253	291	219	3.8	65	94	501	240
8/10/1999	11:00 a.m.	Flowing	252	289	232	2.8	64	104	524	277
10/6/1999	8:40 a.m.	Flowing	242	289	216	2.5	66	113	553	Not Done
11/2/1999	12:20 p.m.	Flowing	252	296	216	2.5	59	91	471	Not Done
2/9/2000	1:25 p.m.	Flowing	249	290	221	2.6	66	81	474	210
5/9/2000	11:15 a.m.	Flowing	244	297	204	3.5	57	86	448	245
5/24/2000	3:05 p.m.	Flowing	224	292	207	2.9	62	102	510	250
7/26/2000	12:15 p.m.	1.20	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	243
8/22/2000	12:15 p.m.	Flowing	255	291	213	2.0	56	92	460	245
11/16/2000	9:05 a.m.	0.92	243	304	212	2.2	69	120	584	310
2/8/2001	2:00 p.m.	Flowing	251	304	213	3.5	58	107	506	203
5/8/2001	12:55 p.m.	Flowing	267	308	217	3.0	65	76	457	209
8/7/2001	12:30 a.m.	Flowing	274	318	219	3.1	57	77	426	211
11/6/2001	11:15 a.m.	1.10	249	295	222	2.0	65	109	541	277
2/5/2002	9:14 a.m.	Flowing	248	300	218	1.6	68	116	568	304
5/14/2002	9:32 a.m.	2.02	237	309	219	1.9	68	110	554	277
8/7/2002	2:30 p.m.	0.35	267	348	233	1.7	64	87	480	201
11/5/2002	9:45 a.m.	0.45	251	321	213	2.0	67	108	544	280
2/3/2003	12:15 p.m.	0.53	225	311	194	2.5	62	91	482	231
5/14/2003	12:45 p.m.	1.27	251	348	213	2.7	72	114	582	286
Ave. All		0.98	249	304	216	2.6	63	99	507	250
Winter	Flowing		249	294	218	2.8	62	101	506	239
Spring	2.02		245	299	213	3.0	63	94	494	244
Summer	0.77		262	312	224	2.4	60	90	472	235
Fall	0.82		247	301	216	2.2	65	108	538	289
Season Ave	0.95		251	313	216	2.4	65	101	518	252

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 922										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
5/25/1999	1:45 p.m.	Flowing	31.5	8.6	13.2	5.2	140	> 20.0	> 200.0%	7500
8/10/1999	1:15 p.m.	Flowing	32.6	8.7	57.0	19.0	114	2.1	44.8%	> 241900
10/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:10 p.m.	Flowing	25.3	9.2	13.6	5.4	Not Done	> 20.0	> 200.0%	10900
2/9/2000	2:00 p.m.	Flowing	21.9	9.4	8.2	4.2	110	1.6	18.1%	3440
5/9/2000	12:10 p.m.	Flowing	30.8	8.7	16.8	6.8	135	10.1	138.0%	12000
8/22/2000	12:25 p.m.	Flowing	31.5	8.5	10.6	5.2	137	14.8	> 200.0%	14136
11/16/2000	10:15 a.m.	0.56	15.1	8.3	2.5	1.4	186	17.3	171.7%	27200
2/8/2001	2:55 p.m.	Flowing	12.3	8.3	11.2	3.6	107	13.0	163.3%	6131
5/9/2001	9:14 a.m.	Flowing	22.8	8.0	14.0	5.6	180	5.3	55.6%	4880
8/8/2001	9:00 a.m.	Flowing	24.1	8.4	28.2	8.4	177	4.8	57.5%	156500
11/6/2001	9:00 a.m.	1.05	22.1	8.2	27.0	7.8	176	5.1	55.8%	14600
12/20/2001	11:00 a.m.	1.07	15.7	8.0	1.5	1.2	168	5.5	55.4%	Na
2/6/2002	10:46 a.m.	1.00	16.8	8.5	9.2	3.8	161	4.8	52.4%	4352
5/14/2002	10:30 a.m.	1.41	28.6	8.6	11.2	5.0	140	7.1	91.7%	14136
8/7/2002	1:30 p.m.	0.19	33.1	8.6	184.0	42.0	136	3.9	55.0%	55600
11/6/2002	10:00 a.m.	0.26	18.3	8.2	7.0	2.2	169	11.8	126.8%	6867
2/4/2003	2:00 p.m.	0.29	21.7	9.0	11.3	3.6	126	7.9	89.9%	2382
5/14/2003	11:15 a.m.	0.77	16.9	8.1	3.2	1.7	172	5.9	60.7%	10462
Ave. All	0.73		23.4	8.5	23.9	7.3	149	> 8.9	> 102.0%	> 34882
Winter	1.00		17.0	8.7	9.5	3.9	126	6.5	77.9%	4641
Spring	1.41		28.4	8.5	13.8	5.7	149	> 10.6	> 121.3%	9629
Summer	0.19		30.3	8.6	70.0	18.7	141	6.4	89.3%	> 117034
Fall	0.73		19.3	8.4	10.3	3.6	175	> 12.0	> 121.9%	14892
Season Ave	0.83		23.8	8.5	25.9	7.9	148	> 8.9	> 102.6%	> 36549

Sample Station Date	Time of Sample on	Flow as MGD on	Fecal Coliform as Col./100ml	Enteroc. Coliform as Col./100ml	Conductivity umhos/cm	Turbidity NTU	Nitrate as mg/l N	Nitrite as mg/l N	Ammonia (NH4+) as mg/l N	Total Kjeldahl Nitrogen as mg/l N
Station 922										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
5/25/1999	1:45 p.m.	Flowing	110	63	1949	1.9	9.9	< 0.25	< 0.3	Not Done
8/10/1999	1:15 p.m.	Flowing	210	< 40	1908	7.0	9.1	< 0.25	< 0.3	1.20
10/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:10 p.m.	Flowing	122	41	1970	1.5	11.0	< 0.25	< 0.2	0.80
2/9/2000	2:00 p.m.	Flowing	74	41	1711	1.4	16.0	0.06	0.4	0.46
5/9/2000	12:10 p.m.	Flowing	41	73	1782	4.1	10.0	0.17	0.2	0.77
8/22/2000	12:25 p.m.	Flowing	857	197	1804	2.7	13.0	0.18	0.4	0.86
11/16/2000	10:15 a.m.	0.56	108	63	1893	0.7	12.0	0.05	0.2	0.30
2/8/2001	2:55 p.m.	Flowing	785	63	1908	3.3	19.0	0.12	0.2	1.40
5/9/2001	9:14 a.m.	Flowing	109	85	1933	3.9	14.0	0.25	0.2	0.90
8/8/2001	9:00 a.m.	Flowing	3873	546	1860	4.3	11.0	0.18	0.2	1.10
11/6/2001	9:00 a.m.	1.05	495	324	1896	4.2	12.1	0.09	0.1	1.50
12/20/2001	11:00 a.m.	1.07	Na	Na	1938	0.9	Na	Na	Na	Na
2/6/2002	10:46 a.m.	1.00	170	158	1860	2.0	12.3	0.06	0.1	0.48
5/14/2002	10:30 a.m.	1.41	164	31	1795	1.7	8.3	0.09	0.2	0.58
8/7/2002	1:30 p.m.	0.19	1806	132	1769	44.8	13.4	0.26	0.3	1.30
11/6/2002	10:00 a.m.	0.26	1059	294	1836	1.8	13.5	0.07	0.3	0.97
2/4/2003	2:00 p.m.	0.29	20	63	1784	2.1	12.0	0.06	0.5	0.51
5/14/2003	11:15 a.m.	0.77	833	345	1919	2.7	12.3	0.07	< 0.2	< 0.20
Ave. All		0.73	637	< 151	1862	5.0	12.3	< 0.14	< 0.2	0.83
Winter		1.00	343	87	1826	2.2	15.8	0.08	0.2	0.78
Spring		1.41	106	63	1865	2.9	10.6	< 0.19	< 0.2	0.75
Summer		0.19	1687	< 229	1835	14.7	11.6	< 0.22	< 0.3	1.12
Fall		0.73	446	181	1907	1.8	12.2	< 0.12	< 0.2	0.89
Season Ave		0.83	645	< 140	1858	5.4	12.5	< 0.15	< 0.2	0.88

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatile TDS as mg/l	Non Volatile TDS as mg/l	Fluoride as mg/l
Station 922										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
5/25/1999	1:45 p.m.	Flowing	Not Done	< 0.20	Na	Na	1200	Not Done	Not Done	< 0.1
8/10/1999	1:15 p.m.	Flowing	0.07	< 0.10	Na	Na	1084	Not Done	Not Done	< 0.1
10/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:10 p.m.	Flowing	0.04	0.05	Na	Na	1152	156	996	< 0.1
2/9/2000	2:00 p.m.	Flowing	< 0.10	< 0.02	Na	Na	1196	200	996	< 0.1
5/9/2000	12:10 p.m.	Flowing	< 0.10	< 0.02	0.1	1.1	1188	148	1040	1.1
8/22/2000	12:25 p.m.	Flowing	J 0.10	0.06	Na	3.0	1233	105	1128	2.0
11/16/2000	10:15 a.m.	0.56	< 0.10	< 0.02	Na	1.5	1230	138	1092	2.0
2/8/2001	2:55 p.m.	Flowing	0.06	< 0.02	Na	3.2	1245	128	1117	1.9
5/9/2001	9:14 a.m.	Flowing	J 0.04	< 0.02	Na	3.6	1310	188	1122	2.0
8/8/2001	9:00 a.m.	Flowing	J 0.07	J 0.02	Na	3.7	1263	145	1118	0.6
11/6/2001	9:00 a.m.	1.05	J 0.02	< 0.02	Na	2.7	1320	215	1105	1.7
12/20/2001	11:00 a.m.	1.07	Na	Na	Na	< 1.0	1277	178	1099	Not Done
2/6/2002	10:46 a.m.	1.00	J 0.03	< 0.02	Na	< 1.0	1200	150	1050	2.3
5/14/2002	10:30 a.m.	1.41	< 0.10	< 0.02	0.2	1.8	1211	154	1057	0.6
8/7/2002	1:30 p.m.	0.19	0.21	< 0.02	0.1	1.7	1175	135	1040	0.7
11/6/2002	10:00 a.m.	0.26	< 0.10	0.07	0.1	< 1.0	1188	229	959	0.8
2/4/2003	2:00 p.m.	0.29	0.02	0.05	0.1	< 1.0	1173	145	1028	0.6
5/14/2003	11:15 a.m.	0.77	< 0.10	< 0.02	0.1	1.2	1344	284	1060	0.8
Ave. All	0.73	<	0.08	< 0.04	0.1	< 2.0	1222	169	1063	< 1.0
Winter	1.00	<	0.06	< 0.02	Na	< 2.1	1214	159	1054	< 1.4
Spring	1.41	<	0.08	< 0.07	0.1	2.2	1227	163	1073	< 0.9
Summer	0.19	<	0.11	< 0.05	0.1	2.8	1189	128	1095	< 0.9
Fall	0.73	<	0.06	< 0.04	0.1	< 1.6	1233	183	1050	< 1.1
Season Ave	0.83	<	0.08	< 0.04	0.1	< 2.2	1216	159	1068	< 1.1

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 922										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
5/25/1999	1:45 p.m.	Flowing	247	313	221	3.1	65	92	495	234
8/10/1999	1:15 p.m.	Flowing	229	298	219	2.6	58	81	441	190
10/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:10 p.m.	Flowing	240	317	221	2.8	59	74	426	Not Done
2/9/2000	2:00 p.m.	Flowing	238	312	219	2.7	67	75	461	183
5/9/2000	12:10 p.m.	Flowing	238	330	207	2.9	58	81	440	225
8/22/2000	12:25 p.m.	Flowing	238	310	203	2.8	54	92	453	228
11/16/2000	10:15 a.m.	0.56	250	345	220	2.1	73	119	598	310
2/8/2001	2:55 p.m.	Flowing	251	352	223	3.8	62	100	505	178
5/9/2001	9:14 a.m.	Flowing	245	326	211	2.9	68	111	556	301
8/8/2001	9:00 a.m.	Flowing	243	321	206	2.7	60	103	505	295
11/6/2001	9:00 a.m.	1.05	235	309	217	2.0	66	115	559	294
12/20/2001	11:00 a.m.	1.07	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	280
2/6/2002	10:46 a.m.	1.00	238	324	214	2.1	68	128	598	268
5/14/2002	10:30 a.m.	1.41	230	327	212	2.6	66	99	517	234
8/7/2002	1:30 p.m.	0.19	251	362	219	1.0	62	84	466	227
11/6/2002	10:00 a.m.	0.26	237	334	211	1.8	67	108	546	282
2/4/2003	2:00 p.m.	0.29	239	344	209	2.3	66	83	477	211
5/14/2003	11:15 a.m.	0.77	246	364	214	2.8	73	118	596	286
Ave. All	0.73		241	329	215	2.5	64	98	508	249
Winter	1.00		242	329	219	2.9	65	101	521	210
Spring	1.41		240	324	213	2.9	64	96	502	249
Summer	0.19		240	323	212	2.2	59	90	466	235
Fall	0.73		240	326	217	2.2	66	104	532	292
Season Ave	0.83		241	326	215	2.5	64	98	506	246

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 923										
11/10/1998	2:15 p.m.	0.75	22.6	8.4	5.4	2.6	Not Done	16.2	192.2%	Not Done
1/6/1999	2:16 p.m.	0.91	22.1	9.0	9.6	4.2	Not Done	4.6	51.4%	Not Done
2/24/1999	11:55 a.m.	0.99	24.8	8.8	10.8	5.6	Not Done	13.4	162.0%	5794
5/11/1999	3:10 p.m.	1.18	28.0	8.5	7.2	3.6	140	> 20.0	> 200.0%	22380
5/25/1999	2:00 p.m.	Flowing	30.8	8.5	14.4	5.6	140	> 20.0	> 200.0%	Not Done
8/10/1999	12:45 p.m.	0.61	31.9	8.7	28.0	14.0	Not Done	5.6	76.8%	6130
10/6/1999	7:45 a.m.	0.72	18.8	7.7	14.0	6.0	Not Done	3.0	32.4%	204600
11/2/1999	1:15 p.m.	0.63	25.7	9.1	7.8	3.6	Not Done	> 20.0	> 200.0%	14136
12/21/1999	3:00 p.m.	Flowing	20.4	8.4	26.4	16.8	Not Done	10.0	108.2%	4611
2/8/2000	2:10 p.m.	0.58	20.6	9.1	5.0	2.6	133	3.8	39.5%	4620
5/8/2000	2:10 p.m.	0.77	29.1	8.8	12.8	7.6	111	12.4	164.2%	12030
5/9/2000	12:33 p.m.	Flowing	29.8	8.7	14.0	11.8	122	11.1	147.0%	7270
8/21/2000	2:15 p.m.	0.75	36.2	8.5	14.4	4.6	125	13.9	178.6%	2613
11/13/2000	2:30 p.m.	0.51	20.6	8.8	6.9	3.2	139	16.7	186.2%	12997
2/7/2001	3:15 p.m.	0.75	15.5	8.1	7.2	3.0	153	11.8	118.0%	581
5/7/2001	2:13 p.m.	1.05	31.7	8.5	8.2	4.8	115	5.7	72.2%	1631
8/6/2001	1:50 p.m.	0.71	33.2	8.5	69.0	21.6	130	5.0	69.6%	112400
11/8/2001	9:00 a.m.	0.92	17.5	8.2	8.4	4.2	178	6.4	55.1%	4884
12/20/2001	10:15 a.m.	0.68	15.8	8.1	1.3	1.2	163	4.3	43.7%	Na
2/4/2002	8:13 a.m.	0.80	9.3	8.0	3.4	2.2	171	4.8	42.2%	4611
5/14/2002	11:28 a.m.	0.94	29.4	8.8	7.0	4.8	128	5.5	72.5%	5200
8/7/2002	11:29 a.m.	0.26	30.1	8.5	64.4	17.6	140	3.5	42.1%	42800
11/6/2002	9:20 a.m.	0.25	16.9	8.1	3.8	2.0	168	9.9	102.4%	12598
2/4/2003	1:45 p.m.	0.30	21.8	8.9	4.0	1.9	120	8.2	94.4%	3880
5/14/2003	10:45 a.m.	0.51	17.0	7.9	6.7	2.8	169	4.2	43.5%	24192
Ave. All		0.71	24.0	8.5	14.4	6.3	141	> 9.6	> 107.8%	24284
Winter		0.81	18.5	8.6	7.2	3.5	152	7.7	82.6%	3902
Spring		0.99	29.8	8.6	10.6	6.4	126	> 12.5	> 142.7%	9702
Summer		0.58	32.9	8.6	44.0	14.5	132	7.0	91.8%	40986
Fall		0.64	19.8	8.4	9.3	5.0	162	> 10.8	> 115.0%	42304
Season Ave		0.75	25.2	8.5	17.8	7.3	143	> 9.5	> 108.0%	24223

Sample Station Date	Time of Sample on	Flow as MGD on	Fecal Coliform as Col./100ml	Enteroc. Coliform as Col./100ml	Conductivity umhos/cm	Turbidity NTU	Nitrate as mg/l N	Nitrite as mg/l N	Ammonia (NH4+) as mg/l N	Total Kjeldahl Nitrogen as mg/l N
Station 923										
11/10/1998	2:15 p.m.	0.75	Not Done	Not Done	Na	Na	14.0	0.02	<	1.10
1/6/1999	2:16 p.m.	0.91	Not Done	Not Done	1646	Not Done	12.0	0.03	<	0.50
2/24/1999	11:55 a.m.	0.99	327	< 20	1552	Not Done	14.7	0.08	<	0.40
5/11/1999	3:10 p.m.	1.18	135	< 20	2200	1.5	12.0	0.13	<	<
5/25/1999	2:00 p.m.	Flowing	Not Done	Not Done	Na	Na	11.5	<	<	<
8/10/1999	12:45 p.m.	0.61	120	74	1956	1.4	13.0	0.13	0.6	0.30
10/6/1999	7:45 a.m.	0.72	884	< 40	1879	4.1	12.8	Not Done	Not Done	2.10
11/2/1999	1:15 p.m.	0.63	1439	744	2200	1.7	14.0	0.07	0.1	0.70
12/21/1999	3:00 p.m.	Flowing	134	< 40	2070	1.7	Not Done	Not Done	0.1	0.90
2/8/2000	2:10 p.m.	0.58	96	< 40	1866	0.9	16.0	0.07	0.4	1.20
5/8/2000	2:10 p.m.	0.77	73	41	1820	1.8	11.0	0.12	0.2	0.52
5/9/2000	12:33 p.m.	Flowing	74	193	1848	2.0	12.0	0.14	0.1	0.59
8/21/2000	2:15 p.m.	0.75	275	269	1862	1.4	13.0	0.03	0.3	1.10
11/13/2000	2:30 p.m.	0.51	181	85	1975	2.2	15.0	0.07	0.2	0.30
2/7/2001	3:15 p.m.	0.75	98	73	2020	3.4	17.0	0.07	0.2	0.30
5/7/2001	2:13 p.m.	1.05	63	10	1853	1.3	8.7	0.08	0.2	1.20
8/6/2001	1:50 p.m.	0.71	1059	243	2030	14.3	12.0	0.20	0.2	1.40
11/8/2001	9:00 a.m.	0.92	504	197	1958	1.4	12.5	0.05	0.5	1.20
12/20/2001	10:15 a.m.	0.68	Na	Na	1989	0.8	Na	Na	Na	Na
2/4/2002	8:13 a.m.	0.80	601	146	1980	0.9	10.3	0.06	<	0.56
5/14/2002	11:28 a.m.	0.94	156	20	1853	2.0	9.8	0.12	0.2	0.49
8/7/2002	11:29 a.m.	0.26	1063	288	1826	6.6	14.6	0.15	0.3	0.55
11/6/2002	9:20 a.m.	0.25	5294	561	1885	1.5	15.0	0.04	0.2	0.32
2/4/2003	1:45 p.m.	0.30	31	63	1835	1.3	13.0	0.06	0.3	0.24
5/14/2003	10:45 a.m.	0.51	295	422	1979	4.5	13.4	0.08	0.2	0.70
Ave. All		0.71	614	< 171	1917	2.7	12.9	<	<	<
Winter		0.81	281	< 70	1813	1.7	14.0	0.06	<	0.59
Spring		0.99	100	< 57	1915	1.7	10.8	<	<	<
Summer		0.58	629	219	1919	5.9	13.2	0.13	0.3	1.29
Fall		0.64	1406	< 278	1994	1.9	13.9	0.05	<	0.75
Season Ave		0.75	604	< 156	1910	2.8	13.0	<	<	<

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatile TDS as mg/l	Non Volatile TDS as mg/l	Fluoride as mg/l
Station 923										
11/10/1998	2:15 p.m.	0.75	< 0.10	0.06	Na	Na	1208	Not Done	Not Done	< 0.1
1/6/1999	2:16 p.m.	0.91	0.22	< 0.10	Na	Na	1108	Not Done	Not Done	0.4
2/24/1999	11:55 a.m.	0.99	0.03	< 0.02	Na	Na	1228	Not Done	Not Done	0.9
5/11/1999	3:10 p.m.	1.18	0.10	0.03	Na	Na	1252	Not Done	Not Done	< 0.1
5/25/1999	2:00 p.m.	Flowing	Not Done	< 0.20	Na	Na	1256	Not Done	Not Done	< 0.1
8/10/1999	12:45 p.m.	0.61	0.06	< 0.02	Na	Na	1224	Not Done	Not Done	1.3
10/6/1999	7:45 a.m.	0.72	Not Done	Not Done	Na	Na	1296	156	1140	< 0.1
11/2/1999	1:15 p.m.	0.63	0.10	< 0.02	Na	Na	1212	176	1036	< 0.1
12/21/1999	3:00 p.m.	Flowing	0.20	Not Done	Na	Na	1300	161	1139	Not Done
2/8/2000	2:10 p.m.	0.58	0.10	0.10	Na	Na	1300	220	1080	< 0.1
5/8/2000	2:10 p.m.	0.77	< 0.10	0.06	0.2	4.5	1210	90	1120	1.1
5/9/2000	12:33 p.m.	Flowing	< 0.10	0.03	Na	3.0	1240	148	1092	1.1
8/21/2000	2:15 p.m.	0.75	0.10	0.09	Na	2.0	1264	188	1076	2.7
11/13/2000	2:30 p.m.	0.51	< 0.10	< 0.02	Na	11.1	1315	193	1122	0.5
2/7/2001	3:15 p.m.	0.75	0.03	< 0.02	Na	3.2	1298	165	1133	2.3
5/7/2001	2:13 p.m.	1.05	0.06	0.03	Na	1.7	1155	138	1017	2.2
8/6/2001	1:50 p.m.	0.71	0.09	< 0.02	Na	4.4	1448	243	1205	0.6
11/8/2001	9:00 a.m.	0.92	0.03	< 0.02	Na	3.3	1278	145	1133	2.1
12/20/2001	10:15 a.m.	0.68	Na	Na	Na	< 1.0	1335	177	1158	Not Done
2/4/2002	8:13 a.m.	0.80	0.10	0.03	Na	< 1.0	1295	135	1160	2.1
5/14/2002	11:28 a.m.	0.94	0.04	< 0.02	0.2	2.9	1251	168	1083	0.6
8/7/2002	11:29 a.m.	0.26	0.18	< 0.02	< 0.1	1.5	1208	143	1065	0.7
11/6/2002	9:20 a.m.	0.25	0.03	0.05	< 0.1	< 1.0	1239	216	1023	0.8
2/4/2003	1:45 p.m.	0.30	0.03	0.02	< 0.1	< 1.0	1178	143	1035	0.6
5/14/2003	10:45 a.m.	0.51	0.04	< 0.02	< 0.1	12.4	1388	284	1104	0.8
Ave. All		0.71	< 0.09	< 0.05	0.1	3.6	1259	173	1101	< 0.9
Winter		0.81	0.10	< 0.05	Na	2.1	1246	173	1124	< 1.2
Spring		0.99	< 0.08	< 0.06	0.2	3.0	1227	136	1078	< 0.8
Summer		0.58	0.11	< 0.04	< 0.1	2.6	1286	191	1115	1.3
Fall		0.64	< 0.09	< 0.03	< 0.1	4.1	1273	175	1107	< 0.6
Season Ave		0.75	< 0.09	< 0.05	0.1	3.0	1258	169	1106	< 1.0

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 923										
11/10/1998	2:15 p.m.	0.75	245	315	215	2.2	59	111	520	Not Done
1/6/1999	2:16 p.m.	0.91	256	339	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:55 a.m.	0.99	248	323	221	2.6	55	93	459	Not Done
5/11/1999	3:10 p.m.	1.18	245	327	230	3.3	69	101	537	234
5/25/1999	2:00 p.m.	Flowing	245	327	230	3.3	69	101	537	234
8/10/1999	12:45 p.m.	0.61	265	341	250	2.8	65	100	517	Not Done
10/6/1999	7:45 a.m.	0.72	237	323	220	2.6	67	119	573	Not Done
11/2/1999	1:15 p.m.	0.63	248	329	228	2.9	61	83	459	Not Done
12/21/1999	3:00 p.m.	Flowing	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/8/2000	2:10 p.m.	0.58	245	342	228	2.8	69	92	516	222
5/8/2000	2:10 p.m.	0.77	241	364	215	2.8	58	73	421	185
5/9/2000	12:33 p.m.	Flowing	244	366	214	2.9	59	82	449	203
8/21/2000	2:15 p.m.	0.75	257	355	234	2.3	64	99	510	208
11/13/2000	2:30 p.m.	0.51	261	399	220	2.8	72	103	554	232
2/7/2001	3:15 p.m.	0.75	252	356	238	2.2	71	110	567	255
5/7/2001	2:13 p.m.	1.05	261	329	215	2.2	64	79	462	192
8/6/2001	1:50 p.m.	0.71	299	428	244	2.6	70	95	526	217
11/8/2001	9:00 a.m.	0.92	245	345	229	1.5	69	121	585	297
12/20/2001	10:15 a.m.	0.68	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	272
2/4/2002	8:13 a.m.	0.80	228	361	218	1.3	71	124	603	285
5/14/2002	11:28 a.m.	0.94	244	366	227	1.6	67	95	514	214
8/7/2002	11:29 a.m.	0.26	250	378	219	2.6	64	98	511	234
11/6/2002	9:20 a.m.	0.25	247	369	221	1.5	69	114	568	280
2/4/2003	1:45 p.m.	0.30	247	375	217	2.2	69	86	498	200
5/14/2003	10:45 a.m.	0.51	248	381	219	3.0	74	124	614	282
Ave. All										
			250	354	225	2.4	66	100	523	236
Winter			246	344	226	2.2	67	105	536	254
Spring			247	346	222	2.7	65	88	487	210
Summer			268	376	237	2.6	66	98	516	220
Fall			247	347	222	2.3	66	108	543	270
Season Ave			252	353	227	2.4	66	100	521	239

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 924										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
5/25/1999	2:15 p.m.	Flowing	29.9	8.4	6.0	3.2	138	> 20.0	> 200.0%	4110
8/10/1999	1:45 p.m.	Flowing	30.9	8.2	45.0	15.0	140	6.0	79.6%	51720
10/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:35 p.m.	Flowing	25.5	8.8	13.6	4.8	Not Done	> 20.0	> 200.0%	2495
2/9/2000	2:15 p.m.	Flowing	22.0	9.0	6.0	3.2	125	1.6	17.9%	6490
5/9/2000	1:01 p.m.	Flowing	30.0	8.7	7.4	5.0	113	12.5	165.0%	14140
8/22/2000	12:45 p.m.	Flowing	31.7	8.1	11.8	4.6	147	11.3	154.1%	4884
11/16/2000	10:50 a.m.	0.54	17.9	8.8	4.5	1.0	161	18.2	188.8%	11200
2/8/2001	3:15 p.m.	Flowing	17.4	8.2	10.4	2.8	156	12.6	131.9%	6488
5/9/2001	9:50 a.m.	Flowing	24.2	8.2	6.2	3.4	164	5.6	67.5%	4352
8/8/2001	10:00 a.m.	Flowing	27.3	8.4	13.8	5.8	155	5.1	65.5%	88400
11/6/2001	9:45 a.m.	0.66	20.7	8.0	5.6	2.8	169	5.0	56.4%	2014
12/20/2001	9:30 a.m.	Flowing	15.6	8.0	3.1	1.5	167	4.8	49.0%	Na
2/6/2002	9:43 a.m.	0.74	13.6	8.2	4.8	2.2	164	6.2	60.3%	1119
5/14/2002	1:15 p.m.	0.86	31.0	8.5	40.2	13.6	128	4.7	63.9%	2909
8/7/2002	10:25 a.m.	0.18	26.8	8.3	32.0	10.0	146	5.4	67.7%	17182
11/6/2002	9:00 a.m.	0.22	15.7	7.8	16.6	6.0	162	7.2	72.5%	24192
2/4/2003	1:10 p.m.	0.25	21.9	8.7	6.6	2.4	132	8.6	98.6%	8280
5/14/2003	10:00 a.m.	0.39	17.1	7.9	22.4	7.1	165	4.5	46.8%	19863
Ave. All		0.48	23.3	8.3	14.2	5.2	149	> 8.9	> 99.2%	15873
Winter		0.74	17.7	8.5	7.1	2.7	148	6.8	70.0%	4699
Spring		0.86	28.8	8.5	15.0	6.3	136	> 10.7	> 124.1%	6378
Summer		0.18	29.2	8.3	25.7	8.9	147	7.0	91.7%	40547
Fall		0.47	19.1	8.3	8.7	3.2	165	> 11.0	> 113.3%	9975
Season Ave		0.56	23.7	8.4	14.1	5.3	149	> 8.9	> 99.8%	15400

Sample Station Date	Time of Sample on	Flow as MGD on	Fecal Coliform as Col./100ml	Entero. Coliform as Col./100ml	Conductivity umhos/cm	Turbidity NTU	Nitrate as mg/l N	Nitrite as mg/l N	Ammonia (NH4+) as mg/l N	Total Kjeldahl Nitrogen as mg/l N
Station 924										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
5/25/1999	2:15 p.m.	Flowing	85	218	1963	1.1	13.1	< 0.25	< 0.3	1.25
8/10/1999	1:45 p.m.	Flowing	211	40	2150	7.1	12.0	0.12	0.6	0.90
10/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:35 p.m.	Flowing	110	187	2180	1.5	14.0	0.07	0.2	0.80
2/9/2000	2:15 p.m.	Flowing	74	40	1876	1.3	20.0	0.06	0.2	0.40
5/9/2000	1:01 p.m.	Flowing	120	96	1874	1.7	12.0	0.12	J	0.66
8/22/2000	12:45 p.m.	Flowing	305	85	1950	1.7	17.0	0.10	0.3	0.65
11/16/2000	10:50 a.m.	0.54	74	40	1996	0.8	15.0	0.04	0.2	0.40
2/8/2001	3:15 p.m.	Flowing	766	314	2090	9.7	21.0	0.05	0.2	1.30
5/9/2001	9:50 a.m.	Flowing	20	10	1986	1.6	14.0	0.17	J	0.54
8/8/2001	10:00 a.m.	Flowing	1616	259	1924	4.6	13.0	0.08	J	0.75
11/6/2001	9:45 a.m.	0.66	488	86	1965	3.3	13.8	0.05	0.3	1.20
12/20/2001	9:30 a.m.	Flowing	Na	Na	2020	0.8	Na	Na	Na	Na
2/6/2002	9:43 a.m.	0.74	173	41	2000	2.8	15.1	0.05	0.2	0.64
5/14/2002	1:15 p.m.	0.86	41	51	1856	4.0	9.5	0.14	J	0.80
8/7/2002	10:25 a.m.	0.18	675	158	1868	13.3	15.3	0.12	0.3	0.53
11/6/2002	9:00 a.m.	0.22	12616	1445	1888	2.5	16.1	0.06	0.3	0.34
2/4/2003	1:10 p.m.	0.25	20	52	1870	1.4	16.1	0.04	0.3	0.46
5/14/2003	10:00 a.m.	0.39	341	583	2000	7.3	14.0	0.07	0.2	0.55
Ave. All										
Winter										
Spring										
Summer										
Fall										
Season Ave										
		0.48	1043	218	1970	3.7	14.8	< 0.09	< 0.2	0.72
		0.74	338	132	1989	4.6	18.7	0.05	0.2	0.78
		0.86	67	94	1920	2.1	12.2	< 0.17	< 0.2	0.81
		0.18	702	136	1973	6.7	14.3	0.10	0.3	0.71
		0.47	3322	440	2010	1.8	14.7	0.05	0.2	0.69
		0.56	1107	200	1973	3.8	15.0	< 0.10	< 0.2	0.75

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatile TDS as mg/l	Non Volatile TDS as mg/l	Fluoride as mg/l
Station 924										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
5/25/1999	2:15 p.m.	Flowing	Not Done	< 0.20	Na	Na	1288	Not Done	Not Done	< 0.1
8/10/1999	1:45 p.m.	Flowing	0.08	0.02	Na	Na	1272	Not Done	Not Done	< 0.1
10/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:35 p.m.	Flowing	0.07	< 0.02	Na	Na	1284	196	1088	< 0.1
2/9/2000	2:15 p.m.	Flowing	< 0.10	< 0.02	Na	Na	1316	196	1120	< 0.1
5/9/2000	1:01 p.m.	Flowing	< 0.10	< 0.02	0.2	3.0	1260	152	1108	1.1
8/22/2000	12:45 p.m.	Flowing	0.63	0.04	Na	<	1350	130	1220	2.3
11/16/2000	10:50 a.m.	0.54	< 0.10	< 0.02	Na	<	1318	140	1178	1.6
2/8/2001	3:15 p.m.	Flowing	0.10	0.02	Na	<	1373	130	1243	2.2
5/9/2001	9:50 a.m.	Flowing	0.03	< 0.02	Na	3.5	1395	190	1205	2.3
8/8/2001	10:00 a.m.	Flowing	0.20	J 0.02	Na	3.8	1193	158	1035	0.7
11/6/2001	9:45 a.m.	0.66	J 0.02	< 0.02	Na	2.9	1308	215	1093	2.1
12/20/2001	9:30 a.m.	Flowing	Na	Na	Na	<	1354	169	1185	Not Done
2/6/2002	9:43 a.m.	0.74	J 0.03	< 0.02	Na	<	1299	175	1124	2.3
5/14/2002	1:15 p.m.	0.86	< 0.10	< 0.02	0.1	1.5	1253	175	1078	0.8
8/7/2002	10:25 a.m.	0.18	0.11	J 0.02	< 0.1	<	1243	158	1085	0.7
11/6/2002	9:00 a.m.	0.22	J 0.04	0.10	< 0.1	0.6	1281	234	1047	0.8
2/4/2003	1:10 p.m.	0.25	0.02	0.06	< 0.1	10.4	1250	140	1110	0.6
5/14/2003	10:00 a.m.	0.39	0.16	< 0.02	< 0.1	3.7	1432	316	1116	0.8
Ave. All		0.48	< 0.12	< 0.04	< 0.1	<	1304	180	1127	< 1.1
Winter		0.74	< 0.08	< 0.02	Na	<	1329	167	1162	< 1.5
Spring		0.86	< 0.08	< 0.07	0.2	2.7	1299	172	1130	< 1.1
Summer		0.18	0.26	0.02	< 0.1	<	1264	149	1113	< 0.9
Fall		0.47	< 0.06	< 0.04	< 0.1	<	1309	191	1118	< 1.1
Season Ave		0.56	< 0.12	< 0.04	< 0.1	<	1300	170	1131	< 1.2

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 924										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
5/25/1999	2:15 p.m.	Flowing	252	342	216	3.2	69	104	542	230
8/10/1999	1:45 p.m.	Flowing	237	351	229	2.2	66	107	537	234
10/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:35 p.m.	Flowing	250	363	231	2.8	63	95	497	Not Done
2/9/2000	2:15 p.m.	Flowing	254	348	247	2.7	67	89	500	209
5/9/2000	1:01 p.m.	Flowing	245	383	216	2.8	59	78	440	188
8/22/2000	12:45 p.m.	Flowing	239	359	213	2.0	56	104	489	246
11/16/2000	10:50 a.m.	0.54	258	386	235	1.9	75	124	618	268
2/8/2001	3:15 p.m.	Flowing	262	371	233	2.1	72	123	604	260
5/9/2001	9:50 a.m.	Flowing	255	373	216	2.8	70	113	570	273
8/8/2001	10:00 a.m.	Flowing	259	369	220	2.5	62	105	518	259
11/6/2001	9:45 a.m.	0.66	224	339	226	1.8	68	103	537	282
12/20/2001	9:30 a.m.	Flowing	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	278
2/6/2002	9:43 a.m.	0.74	236	381	222	2.8	74	124	613	274
5/14/2002	1:15 p.m.	0.86	227	365	218	1.8	69	95	522	214
8/7/2002	10:25 a.m.	0.18	249	392	220	0.7	67	106	540	244
11/6/2002	9:00 a.m.	0.22	244	391	216	2.3	70	121	592	271
2/4/2003	1:10 p.m.	0.25	245	395	215	2.4	71	98	537	220
5/14/2003	10:00 a.m.	0.39	253	403	221	2.8	77	125	627	275
Ave. All		0.48	246	371	223	2.3	68	107	546	249
Winter		0.74	251	367	234	2.5	71	112	572	248
Spring		0.86	245	366	216	2.6	67	98	519	226
Summer		0.18	246	368	220	1.9	63	106	521	246
Fall		0.47	244	370	227	2.2	69	111	561	275
Season Ave		0.56	246	367	224	2.3	67	107	543	249

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 925										
11/10/1998	Not Done	Not Done	Not Done	Not Done	7.0	3.0	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
5/25/1999	2:30 p.m.	Flowing	29.8	8.7	24.8	8.4	124	> 20.0	> 200.0%	4350
8/10/1999	2:00 p.m.	Flowing	33.2	8.9	47.0	17.0	107	8.8	121.3%	68670
10/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:40 p.m.	Flowing	21.5	8.7	7.0	3.0	Not Done	11.9	135.2%	22600
2/9/2000	2:30 p.m.	Flowing	22.7	8.8	20.4	7.4	121	1.4	15.9%	5170
5/9/2000	1:24 p.m.	Flowing	31.7	8.4	7.6	3.8	113	10.5	142.0%	13000
8/22/2000	1:00 p.m.	Flowing	28.0	8.4	18.6	7.0	122	10.7	132.3%	14500
11/16/2000	11:20 a.m.	0.52	17.2	7.7	7.6	2.1	141	10.3	102.7%	28200
2/9/2001	8:13 a.m.	Flowing	6.8	8.2	25.0	3.6	192	11.9	106.6%	6294
5/9/2001	10:30 a.m.	Flowing	29.4	8.5	4.4	2.4	148	4.7	61.7%	27500
8/8/2001	9:30 a.m.	Flowing	25.8	8.5	33.2	11.0	146	4.0	53.3%	186000
11/6/2001	10:30 a.m.	0.14	22.8	8.4	14.4	5.4	158	5.9	68.7%	6131
12/20/2001	9:05 a.m.	Flowing	11.6	8.6	3.0	1.5	134	9.2	91.6%	Na
2/6/2002	9:07 a.m.	0.10	10.9	8.3	53.0	11.8	143	5.1	46.3%	3436
5/14/2002	2:10 p.m.	0.41	31.8	8.9	4.2	4.2	98	4.5	61.9%	4532
8/7/2002	9:15 a.m.	0.26	25.8	8.2	61.2	20.0	122	3.3	40.6%	166900
11/6/2002	8:15 a.m.	0.11	12.6	8.1	2.4	1.6	166	8.3	77.6%	18581
2/4/2003	12:45 p.m.	0.20	17.0	8.3	3.3	2.3	118	5.9	61.8%	6680
5/14/2003	9:00 a.m.	0.27	17.2	8.0	1.7	1.2	176	4.9	51.5%	5172
Ave. All		0.25	22.0	8.4	18.2	6.1	137	> 7.9	> 87.3%	34572
Winter		0.10	13.5	8.4	32.8	7.6	152	6.1	56.3%	4967
Spring		0.41	30.7	8.6	10.3	4.7	121	> 9.9	> 116.4%	12346
Summer		0.26	28.2	8.5	40.0	13.8	124	6.7	86.9%	109018
Fall		0.26	17.4	8.3	9.1	3.5	144	7.0	71.3%	14521
Season Ave		0.26	22.4	8.5	23.0	7.4	135	> 7.4	> 82.7%	35213

Sample Station Date	Time of Sample on	Flow as MGD on	Fecal Coliform as Col./100ml	Enteroc. Coliform as Col./100ml	Conductivity umhos/cm	Turbidity NTU	Nitrate as mg/l N	Nitrite as mg/l N	Ammonia (NH4+) as mg/l N	Total Kjeldahl Nitrogen as mg/l N
Station 925										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
5/25/1999	2:30 p.m.	Flowing	96	169	1875	2.3	9.7	0.11	0.4	0.78
8/10/1999	2:00 p.m.	Flowing	749	< 40	1856	5.2	8.6	< 0.25	< 0.3	1.20
10/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:40 p.m.	Flowing	259	246	2290	1.2	18.4	< 0.25	< 0.2	0.20
2/9/2000	2:30 p.m.	Flowing	< 40	40	1872	1.3	20.0	0.07	0.3	0.77
5/9/2000	1:24 p.m.	Flowing	508	84	2010	2.0	13.0	0.11	< 0.2	0.76
8/22/2000	1:00 p.m.	Flowing	836	496	1904	9.4	16.0	0.07	J 0.1	0.55
11/16/2000	11:20 a.m.	0.52	108	160	2030	1.4	16.0	J 0.01	J 0.1	0.20
2/9/2001	8:13 a.m.	Flowing	288	254	1967	19.8	17.0	0.06	0.2	0.68
5/9/2001	10:30 a.m.	Flowing	131	106	1867	2.6	13.0	0.17	0.7	0.84
8/8/2001	9:30 a.m.	Flowing	1725	1467	1807	15.5	11.0	0.09	J 0.2	1.30
11/6/2001	10:30 a.m.	0.14	771	74	1885	1.9	13.4	0.06	< 0.2	1.30
12/20/2001	9:05 a.m.	Flowing	Na	Na	1942	2.6	Na	Na	Na	Na
2/6/2002	9:07 a.m.	0.10	393	638	2000	8.5	16.3	0.05	< 0.2	0.52
5/14/2002	2:10 p.m.	0.41	74	134	1545	1.8	6.7	0.19	J 0.1	0.88
8/7/2002	9:15 a.m.	0.26	359	1529	1842	10.3	10.5	0.13	1.5	0.74
11/6/2002	8:15 a.m.	0.11	457	585	1752	1.8	13.7	0.04	0.3	0.45
2/4/2003	12:45 p.m.	0.20	20	74	2040	1.5	17.6	0.01	< 0.3	0.53
5/14/2003	9:00 a.m.	0.27	135	158	1971	1.0	10.9	0.14	< 0.2	0.50
Ave. All	0.25	<	409	< 368	1914	5.0	13.6	< 0.11	< 0.3	0.72
Winter	0.10	<	240	< 311	1946	9.9	17.8	0.06	< 0.2	0.66
Spring	0.41		202	123	1824	2.2	10.6	0.15	< 0.3	0.82
Summer	0.26		917	< 883	1852	10.1	11.5	< 0.14	< 0.5	0.95
Fall	0.26		344	215	1896	1.8	15.8	< 0.04	< 0.2	0.68
Season Ave	0.26	<	426	< 383	1880	6.0	13.9	< 0.10	< 0.3	0.77

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatile TDS as mg/l	Non Volatile TDS as mg/l	Fluoride as mg/l
Station 925										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
5/25/1999	2:30 p.m.	Flowing	0.42	< 0.02	Na	Na	1208	Not Done	Not Done	< 0.1
8/10/1999	2:00 p.m.	Flowing	0.06	< 0.10	Na	Na	1036	Not Done	Not Done	< 0.1
10/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:40 p.m.	Flowing	0.09	0.07	Na	Na	1448	252	1196	< 0.1
2/9/2000	2:30 p.m.	Flowing	< 0.10	< 0.02	Na	Na	1308	196	1112	< 0.1
5/9/2000	1:24 p.m.	Flowing	< 0.10	< 0.02	Na	3.1	1420	188	1232	1.2
8/22/2000	1:00 p.m.	Flowing	0.96	0.05	Na	4.7	1350	180	1170	2.6
11/16/2000	11:20 a.m.	0.52	0.06	0.04	Na	2.0	1378	158	1220	1.5
2/9/2001	8:13 a.m.	Flowing	0.10	0.07	Na	1.0	1260	126	1134	1.8
5/9/2001	10:30 a.m.	Flowing	0.04	< 0.02	Na	4.5	1268	160	1108	1.5
8/8/2001	9:30 a.m.	Flowing	0.10	0.02	Na	3.4	1175	160	1015	0.6
11/6/2001	10:30 a.m.	0.14	0.02	< 0.02	Na	3.3	1388	238	1150	0.8
12/20/2001	9:05 a.m.	Flowing	Na	Na	Na	< 1.0	1287	169	1118	Not Done
2/6/2002	9:07 a.m.	0.10	< 0.08	< 0.02	Na	< 1.0	1310	171	1139	2.0
5/14/2002	2:10 p.m.	0.41	0.09	0.06	0.1	8.0	1028	139	1078	0.7
8/7/2002	9:15 a.m.	0.26	0.17	0.02	0.1	1.1	1223	150	1073	0.7
11/6/2002	8:15 a.m.	0.11	0.04	0.10	< 0.1	1.0	1155	227	928	0.9
2/4/2003	12:45 p.m.	0.20	0.02	0.14	< 0.1	1.0	1354	159	1195	0.7
5/14/2003	9:00 a.m.	0.27	0.10	< 0.02	< 0.1	3.6	1372	288	1084	0.7
Ave. All										
Winter										
Spring										
Summer										
Fall										
Season Ave										
		0.25	< 0.15	< 0.05	0.1	< 2.8	1276	185	1122	< 0.9
		0.10	< 0.09	< 0.04	Na	< 1.0	1293	164	1128	< 1.3
		0.41	< 0.16	< 0.03	0.1	5.2	1231	162	1139	< 0.9
		0.26	0.32	< 0.05	0.1	3.1	1196	163	1086	< 1.0
		0.26	0.05	< 0.04	< 0.1	1.8	1303	198	1106	< 0.8
		0.26	< 0.16	< 0.04	0.1	< 2.8	1256	172	1115	< 1.0

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 925										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
5/25/1999	2:30 p.m.	Flowing	255	334	236	3.3	65	89	489	207
8/10/1999	2:00 p.m.	Flowing	209	303	233	1.9	50	68	374	178
10/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
11/2/1999	1:40 p.m.	Flowing	232	457	222	3.2	70	117	580	Not Done
2/9/2000	2:30 p.m.	Flowing	248	363	233	2.5	71	96	530	202
5/9/2000	1:24 p.m.	Flowing	230	494	210	3.5	66	108	540	188
8/22/2000	1:00 p.m.	Flowing	229	398	212	1.7	54	92	453	204
11/16/2000	11:20 a.m.	0.52	242	465	220	2.2	79	135	662	236
2/9/2001	8:13 a.m.	Flowing	219	307	230	2.3	64	114	548	320
5/9/2001	10:30 a.m.	Flowing	241	334	219	2.8	63	93	490	247
8/8/2001	9:30 a.m.	Flowing	232	349	215	2.8	56	89	455	243
11/6/2001	10:30 a.m.	0.14	237	345	220	1.6	69	119	579	264
12/20/2001	9:05 a.m.	Flowing	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	223
2/6/2002	9:07 a.m.	0.10	224	413	221	1.8	75	117	600	238
5/14/2002	2:10 p.m.	0.41	180	301	192	2.4	55	70	404	164
8/7/2002	9:15 a.m.	0.26	259	356	225	4.4	55	104	489	204
11/6/2002	8:15 a.m.	0.11	219	338	207	1.9	65	96	507	277
2/4/2003	12:45 p.m.	0.20	243	524	222	2.9	96	113	676	197
5/14/2003	9:00 a.m.	0.27	261	356	223	2.7	74	118	600	294
Ave. All		0.25	233	379	220	2.6	66	102	528	229
Winter		0.10	230	361	228	2.2	70	109	560	253
Spring		0.41	226	366	214	3.0	62	90	481	202
Summer		0.26	232	351	221	2.7	54	88	443	207
Fall		0.26	236	378	220	2.1	71	111	570	240
Season Ave		0.26	231	364	221	2.5	64	100	513	226

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 940										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:40 a.m.	Flowing	20.0	8.7	12.4	5.2	Not Done	12.0	134.6%	496
5/25/1999	1:15 p.m.	Flowing	29.6	8.8	9.6	4.4	140	> 20.0	> 200.0%	4880
8/10/1999	11:15 a.m.	Flowing	21.9	8.8	22.0	10.0	128	11.2	145.3%	241900
10/6/1999	8:45 a.m.	Flowing	18.2	8.2	32.8	9.6	Not Done	4.3	45.3%	129970
11/2/1999	12:30 p.m.	Flowing	26.0	8.9	57.4	12.8	Not Done	13.1	164.0%	15530
2/9/2000	1:30 p.m.	Flowing	22.1	9.4	11.8	6.2	107	1.7	19.9%	98000
5/9/2000	10:50 a.m.	0.53	25.8	8.7	9.4	6.8	167	> 20.0	> 200.0%	31300
5/24/2000	2:55 p.m.	Flowing	20.2	8.4	9.6	5.0	196	9.6	105.9%	16900
7/24/2000	10:30 a.m.	0.17	29.3	8.8	Na	Na	138	5.1	64.0%	105400
8/22/2000	12:00 p.m.	Flowing	32.1	9.1	43.8	14.6	100	12.7	160.5%	8164
11/16/2000	8:30 a.m.	0.25	8.9	8.5	8.8	3.4	201	19.6	196.5%	20300
2/8/2001	2:20 p.m.	Flowing	17.9	8.9	5.2	2.4	151	11.0	114.9%	14017
5/8/2001	1:05 p.m.	Flowing	29.8	8.6	7.6	4.0	146	6.5	91.2%	7701
8/8/2001	8:30 a.m.	Flowing	22.1	8.5	26.4	8.8	187	4.2	48.3%	54600
11/7/2001	2:45 p.m.	0.48	22.0	8.5	11.8	3.6	148	6.0	68.7%	19863
2/5/2002	9:34 a.m.	Flowing	11.2	8.4	8.8	3.4	194	7.5	82.0%	137100
5/14/2002	2:40 p.m.	0.42	20.7	8.2	40.8	12.6	194	3.6	39.9%	18500
8/7/2002	2:15 p.m.	0.08	33.1	8.8	36.0	12.4	127	3.8	52.5%	54600
11/5/2002	8:16 a.m.	0.18	13.5	8.1	8.6	3.0	211	6.1	58.6%	17715
2/3/2003	12:00 p.m.	0.35	18.4	8.6	3.4	1.9	185	10.6	114.4%	1723
5/14/2003	12:00 p.m.	0.37	16.7	8.4	4.8	2.0	190	6.2	64.0%	5172
Ave. All		0.31	21.9	8.6	18.6	6.6	158	> 9.3	> 103.4%	47801
Winter	Flowing		17.8	8.8	9.6	4.3	151	8.0	87.9%	62403
Spring	0.48		25.2	8.6	15.4	6.6	169	> 11.9	> 127.4%	15856
Summer	0.13		27.7	8.8	32.1	11.5	136	7.4	94.1%	92933
Fall	0.30		17.7	8.4	23.9	6.5	187	9.8	106.6%	40676
Season Ave	0.30		22.1	8.7	20.2	7.2	161	> 9.3	> 104.0%	52967

Sample Station Date	Time of Sample on	Flow as MGD on	Fecal Coliform as Col./100ml	Enteroc. Coliform as Col./100ml	Conductivity umhos/cm	Turbidity NTU	Nitrate as mg/l N	Nitrite as mg/l N	Ammonia (NH4+) as mg/l N	Total Kjeldahl Nitrogen as mg/l N
Station 940										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:40 a.m.	Flowing	20	< 20	1960	1.0	4.5	0.04	0.2	0.94
5/25/1999	1:15 p.m.	Flowing	52	173	2010	0.8	4.3	< 0.25	< 0.3	0.49
8/10/1999	11:15 a.m.	Flowing	2987	< 40	2160	3.4	3.8	0.11	0.4	1.10
10/6/1999	8:45 a.m.	Flowing	1500	2755	1892	11.9	5.3	Not Done	Not Done	Not Done
11/2/1999	12:30 p.m.	Flowing	609	278	2180	7.7	6.3	0.08	0.1	1.00
2/9/2000	1:30 p.m.	Flowing	74	< 40	1942	2.7	6.5	0.06	0.3	1.00
5/9/2000	10:50 a.m.	0.53	145	< 40	2030	1.7	4.1	0.03	0.1	0.66
5/24/2000	2:55 p.m.	Flowing	155	204	2090	3.1	6.1	0.06	< 0.3	0.61
7/24/2000	10:30 a.m.	0.17	1620	65	1887	9.1	6.4	Na	< 0.3	Na
8/22/2000	12:00 p.m.	Flowing	350	< 40	1855	2.8	6.6	0.09	0.4	0.95
11/16/2000	8:30 a.m.	0.25	243	143	2140	1.3	6.8	0.04	0.2	0.43
2/8/2001	2:20 p.m.	Flowing	3060	545	1792	1.6	3.8	0.04	0.1	0.71
5/8/2001	1:05 p.m.	Flowing	145	10	2110	1.4	4.3	0.06	J	0.91
8/8/2001	8:30 a.m.	Flowing	933	2382	2010	9.4	4.8	0.04	J	1.00
11/7/2001	2:45 p.m.	0.48	496	472	2130	2.4	5.6	0.03	0.3	1.10
2/5/2002	9:34 a.m.	Flowing	2481	309	2170	2.2	5.6	0.07	< 0.2	0.59
5/14/2002	2:40 p.m.	0.42	413	216	2210	2.3	3.2	0.01	J	0.51
8/7/2002	2:15 p.m.	0.08	1211	86	2010	13.9	8.4	0.09	0.3	0.79
11/5/2002	8:16 a.m.	0.18	171	243	2160	1.4	6.6	0.02	0.3	0.51
2/3/2003	12:00 p.m.	0.35	132	164	2150	0.9	5.6	0.03	< 0.3	0.94
5/14/2003	12:00 p.m.	0.37	134	97	2200	2.2	5.3	0.04	< 0.2	< 0.20
Ave. All		0.31	806	< 396	2052	4.0	5.4	< 0.06	< 0.2	0.76
Winter	Flowing		1409	< 229	1966	1.9	5.1	0.05	< 0.2	0.81
Spring	0.48		182	< 129	2090	1.9	4.4	< 0.08	< 0.2	0.64
Summer	0.13		1420	< 523	1984	7.7	6.0	0.08	< 0.3	0.96
Fall	0.30		604	778	2100	4.9	6.1	0.04	0.2	0.76
Season Ave	0.30		904	< 414	2035	4.1	5.4	< 0.06	< 0.2	0.79

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatile TDS as mg/l	Non Volatile TDS as mg/l	Fluoride as mg/l
Station 940										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:40 a.m.	Flowing	0.02	0.02	Na	Na	1360	Not Done	Not Done	1.1
5/25/1999	1:15 p.m.	Flowing	Not Done	< 0.20	Na	Na	1300	Not Done	Not Done	< 0.1
8/10/1999	11:15 a.m.	Flowing	0.10	0.02	Na	Na	1248	Not Done	Not Done	< 0.1
10/6/1999	8:45 a.m.	Flowing	Not Done	Not Done	Na	Na	1268	264	1004	< 0.1
11/2/1999	12:30 p.m.	Flowing	0.09	< 0.02	Na	Na	1316	224	1092	< 0.1
2/9/2000	1:30 p.m.	Flowing	< 0.10	< 0.02	Na	Na	1352	276	1076	< 0.1
5/9/2000	10:50 a.m.	0.53	< 0.10	< 0.02	< 0.1	5.1	1376	196	1180	1.1
5/24/2000	2:55 p.m.	Flowing	0.06	0.08	Na	Na	1432	204	1228	1.0
7/24/2000	10:30 a.m.	0.17	Na	Na	Na	Na	1285	Not Done	Not Done	4.0
8/22/2000	12:00 p.m.	Flowing	1.20	< 0.02	Na	1.5	1295	208	1087	< 0.5
11/16/2000	8:30 a.m.	0.25	J	< 0.02	< 0.1	1.6	1415	175	1240	2.0
2/8/2001	2:20 p.m.	Flowing	0.06	< 0.02	Na	5.0	1155	145	1010	1.9
5/8/2001	1:05 p.m.	Flowing	J	< 0.02	Na	5.3	1548	305	1243	2.4
8/8/2001	8:30 a.m.	Flowing	J	< 0.02	Na	5.0	1320	210	1110	0.6
11/7/2001	2:45 p.m.	0.48	0.10	< 0.02	Na	1.7	1392	165	1227	2.4
2/5/2002	9:34 a.m.	Flowing	J	0.05	Na	1.6	1425	190	1235	2.3
5/14/2002	2:40 p.m.	0.42	0.12	0.08	< 0.1	4.3	1575	286	1289	0.6
8/7/2002	2:15 p.m.	0.08	0.17	< 0.02	< 0.1	3.2	1325	170	1155	0.6
11/5/2002	8:16 a.m.	0.18	J	0.03	< 0.1	2.4	1415	240	1175	0.7
2/3/2003	12:00 p.m.	0.35	0.02	0.04	< 0.1	2.7	1092	150	942	1.0
5/14/2003	12:00 p.m.	0.37	J	< 0.02	< 0.1	3.4	1596	384	1212	0.7
Ave. All		0.31	< 0.14	< 0.04	< 0.1	3.3	1357	223	1147	< 1.1
Winter	Flowing		< 0.06	< 0.02	Na	3.3	1323	204	1107	< 1.4
Spring	0.48	<	0.08	< 0.08	< 0.1	4.9	1446	248	1235	< 1.0
Summer	0.13		0.38	< 0.02	< 0.1	3.2	1295	196	1117	< 1.1
Fall	0.30		0.07	< 0.02	< 0.1	1.9	1361	214	1148	< 1.1
Season Ave	0.30	<	0.15	< 0.04	< 0.1	3.3	1356	215	1152	< 1.1

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 940										
11/10/1998	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
1/6/1999	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
2/24/1999	11:40 a.m.	Flowing	315	353	234	3.3	72	95	532	Not Done
5/25/1999	1:15 p.m.	Flowing	293	352	233	3.8	93	95	618	234
8/10/1999	11:15 a.m.	Flowing	278	343	224	2.9	89	69	537	214
10/6/1999	8:45 a.m.	Flowing	218	293	177	4.1	75	100	560	Not Done
11/2/1999	12:30 p.m.	Flowing	284	368	222	4.9	87	70	532	Not Done
2/9/2000	1:30 p.m.	Flowing	306	373	229	3.6	96	66	559	178
5/9/2000	10:50 a.m.	0.53	302	373	208	3.3	80	90	554	279
5/24/2000	2:55 p.m.	Flowing	291	373	221	2.6	102	120	720	327
7/24/2000	10:30 a.m.	0.17	276	364	199	2.3	72	60	447	231
8/22/2000	12:00 p.m.	Flowing	286	354	219	3.6	87	88	577	166
11/16/2000	8:30 a.m.	0.25	295	399	216	3.4	103	136	764	336
2/8/2001	2:20 p.m.	Flowing	248	293	183	3.1	75	99	556	252
5/8/2001	1:05 p.m.	Flowing	350	372	223	3.8	89	99	614	244
8/8/2001	8:30 a.m.	Flowing	291	378	208	3.2	82	108	609	312
11/7/2001	2:45 p.m.	0.48	315	368	223	2.5	94	118	680	247
2/5/2002	9:34 a.m.	Flowing	308	379	219	2.2	91	131	703	323
5/14/2002	2:40 p.m.	0.42	309	408	223	2.1	101	137	758	324
8/7/2002	2:15 p.m.	0.08	309	402	237	2.4	97	78	596	211
11/5/2002	8:16 a.m.	0.18	336	383	225	2.8	96	132	724	352
2/3/2003	12:00 p.m.	0.35	296	347	220	2.9	96	113	676	309
5/14/2003	12:00 p.m.	0.37	323	408	229	2.7	97	127	717	315
Ave. All	0.31		297	366	218	3.1	89	102	621	264
Winter	Flowing		294	350	216	3.0	84	98	588	251
Spring	0.48		309	376	222	3.1	93	108	653	282
Summer	0.13		288	368	217	2.9	85	81	553	227
Fall	0.30		290	362	213	3.5	91	111	652	312
Season Ave	0.30		295	364	217	3.1	88	99	611	268

Sample Station Date	Time of Sample on	Flow as MGD on	Temperature as Deg C	pH as units	Total Suspended Solids as mg/l	Volatile Suspended Solids as mg/l	Total Alkalinity as mg/l CO3	Dissolved Oxygen as mg/l	D.O. Percent Saturation %	Total Coliform as Col./100ml
Station 912 (Samples Collected on Rainy Days)										
1/25/1999	1:45 p.m.	1.0" rain	11.6	8.1	Na	Na	Not Done	5.1	46.5%	95900
12/10/1999	7:35 a.m.	0.55" rain	Not Done	8.2	31.0	13.0	Not Done	Not Done	Not Done	41000
4/18/2000	12:10 p.m.	0.85" rain	16.2	7.9	24.6	6.0	Not Done	8.3	84.3%	290000
1/11/2001	8:25 a.m.	1.50" rain	10.5	7.3	140.0	29.0	16	10.4	97.2%	Not Done
1/26/2001	2:10 p.m.	0.70" rain	10.8	7.4	186.0	49.6	25	10.6	97.9%	65000
9/6/2002	2:56 p.m.	0.08" rain	Not Done	8.2	29.0	13.0	Not Done	Not Done	Not Done	Not Done
Average		0.92" rain	12.3	7.8	95.4	24.4	20	8.6	81.5%	122975
Station 916 (Samples Collected on Rainy Days)										
4/18/2000	11:35 a.m.	0.85" rain	19.2	8.0	32.4	9.2	Not Done	9.1	96.3%	36500
1/11/2001	8:05 a.m.	1.50" rain	10.9	7.3	92	22	12	10.5	100.7%	Not Done
1/26/2001	2:10 p.m.	0.70" rain	10.6	7.6	172	41	16	10.8	98.8%	71000
9/6/2002	3:06 p.m.	0.08" rain	Not Done	7.6	302	203	Not Done	Not Done	Not Done	Not Done
Average		1.02" rain	13.6	7.6	98.7	24.1	14	10.1	98.6%	53750
Station 920 (Samples Collected on Rainy Days)										
1/25/1999	1:15 p.m.	1.0" rain	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	49600
4/18/2000	10:35 a.m.	0.85" rain	17.7	7.8	48.6	13.4	Not Done	9.1	95.6%	30700
Average		0.93" rain	17.7	7.8	48.6	13.4	Na	9.1	95.6%	40150
Station 940 (Samples Collected on Rainy Days)										
1/25/1999	1:22 p.m.	1.0" rain	Not Done	Not Done	Na	Na	Not Done	Not Done	Not Done	148300
4/18/2000	10:25 a.m.	0.85" rain	17.6	7.9	6.6	3.2	Not Done	9.4	97.8%	131000
Average		0.93" rain	17.6	7.9	6.6	3.2	#DIV/0!	9.4	97.8%	139650
Method No.	na	na	na	SM 4500B	SM 2540B	SM 2540E	2320B	SM4500OG	SM4500OG	Coliort 18
PDL as mg/l	na	na	0.1	0.1	2.0	2.0	5	0 - 20	0 - 200%	20

Sample Station Date	Time of Sample on	Flow as MGD on	Fecal Coliform as Col./100ml	Entero. Coliform as Col./100ml	Conductivity umhos/cm	Turbidity NTU	Nitrate as mg/l N	Nitrite as mg/l N	Ammonia (NH4+) as mg/l N	Total Kjeldahl Nitrogen as mg/l N
Station 912 (Samples Collected on										
1/25/1999	1:45 p.m.	1.0" rain	9200	Not Done	Not Done	Not Done	0.7	0.07	0.7	1.50
12/10/1999	7:35 a.m.	0.55" rain	613	399	2160	3.6	Not Done	Not Done	Not Done	Not Done
4/18/2000	12:10 p.m.	0.85" rain	8164	7701	490	29.5	2.3	0.01	< 0.1	1.11
1/11/2001	8:25 a.m.	1.50" rain	Not Done	Not Done	164	90.4	< 0.5	0.05	0.8	2.60
1/26/2001	2:10 p.m.	0.70" rain	8664	Not Done	250	127.0	2.0	0.01	1.3	2.40
9/6/2002	2:56 p.m.	0.08" rain	Not Done	Not Done	1957	Not Done	7.7	Not Done	Not Done	Not Done
Average		0.92" rain	6660	4050	766	62.6	< 2.6	0.03	< 0.7	1.90
Station 916 (Samples Collected on										
4/18/2000	11:35 a.m.	0.85" rain	11199	4352	367	42.2	2.3	0.02	0.1	1.12
1/11/2001	8:05 a.m.	1.50" rain	Not Done	Not Done	145	73.9	< 0.5	0.04	0.6	1.40
1/26/2001	2:10 p.m.	0.70" rain	12033	Not Done	137	116.0	2.0	0.01	1.0	2.00
9/6/2002	3:06 p.m.	0.08" rain	Not Done	Not Done	1287	Not Done	1.0	Not Done	Not Done	Not Done
Average		1.02" rain	11616	4352	216	77.4	< 1.4	0.02	0.6	1.51
Station 920 (Samples Collected on										
1/25/1999	1:15 p.m.	1.0" rain	15400	Not Done	Not Done	Not Done	0.9	0.06	0.2	2.40
4/18/2000	10:35 a.m.	0.85" rain	12997	7701	354	50.5	2.6	0.03	< 0.1	1.05
Average		0.93" rain	14199	7701	354	50.5	1.8	0.05	< 0.2	1.73
Station 940 (Samples Collected on										
1/25/1999	1:22 p.m.	1.0" rain	31000	Not Done	Not Done	Not Done	1.1	0.08	0.8	1.90
4/18/2000	10:25 a.m.	0.85" rain	5475	2489	745	14.1	2.4	0.02	< 0.1	1.02
Average		0.93" rain	18238	2489	745	14.1	1.8	0.05	< 0.5	1.46
Method No.	na	na	Colilert 18	Entrollert	2510B	2130B	SM4500 NO3D	354.10	350.2	351.30
PDL as mg/l	na	na	20	20	na	0.1	1.0	0.02	0.2	0.20

Sample Station Date	Time of Sample on	Flow as MGD on	Total Phosphate as mg/l P	Ortho Phosphate as mg/l P	Surfactants MBAS as mg/l	Surfactants Pastel-UV as mg/l	Total Dissolved Solids as mg/l	Volatiles TDS as mg/l	Non Volatiles TDS as mg/l	Fluoride as mg/l
Station 912 (Samples Collected on										
1/25/1999	1:45 p.m.	1.0" rain	0.34	0.22	Na	Na	Not Done	Not Done	Not Done	< 0.1
12/10/1999	7:35 a.m.	0.55" rain	Not Done	Not Done	Na	Na	1279	Not Done	Not Done	0.6
4/18/2000	12:10 p.m.	0.85" rain	0.26	0.16	Na	Na	312	50	262	0.9
1/11/2001	8:25 a.m.	1.50" rain	0.62	0.23	0.1	3.3	115	8	108	< 1.0
1/26/2001	2:10 p.m.	0.70" rain	0.48	0.22	0.4	3.7	149	27	122	< 1.0
9/6/2002	2:56 p.m.	0.08" rain	Not Done	Not Done	Not Done	2.7	1258	170	1088	Not Done
Average		0.92" rain	0.43	0.21	0.2	3.5	464	28	164	< 0.7
Station 916 (Samples Collected on										
4/18/2000	11:35 a.m.	0.85" rain	0.25	0.17	Na	Na	240	40	200	< 0.1
1/11/2001	8:05 a.m.	1.50" rain	0.53	0.24	0.1	3.1	110	5	105	< 1.0
1/26/2001	2:10 p.m.	0.70" rain	0.36	0.20	0.3	5.3	166	100	66	< 1.0
9/6/2002	3:06 p.m.	0.08" rain	Not Done	Not Done	Not Done	1.0	973	283	690	Not Done
Average		1.02" rain	0.38	0.20	0.2	4.2	172	48	124	< 0.7
Station 920 (Samples Collected on										
1/25/1999	1:15 p.m.	1.0" rain	0.30	0.24	Na	Na	Not Done	Not Done	Not Done	Not Done
4/18/2000	10:35 a.m.	0.85" rain	0.27	0.17	Na	Na	234	38	196	< 0.1
Average		11:55 a.m. 0.93" rain	0.29	0.20	Na	Na	234	38	196	< 0.1
Station 940 (Samples Collected on										
1/25/1999	1:22 p.m.	1.0" rain	0.32	0.23	Na	Na	Not Done	Not Done	Not Done	Not Done
4/18/2000	10:25 a.m.	0.85" rain	0.22	0.16	Na	Na	484	80	404	< 0.1
Average		11:53 a.m. 0.93" rain	0.27	0.19	Na	Na	484	80	404	< 0.1
Method No.	na	na	365.20	365.20	425.1	Pastel-UV	SM2540C	SM2540E	SM2540E	300.0
PDL as mg/l	na	na	0.10	0.02	0.1	1.0	1	1	1	0.1

Sample Station Date	Time of Sample on	Flow as MGD on	Chloride as mg/l	Sulfate as mg/l	Sodium as mg/l	Potassium as mg/l	Magnesium as mg/l	Calcium as mg/l	Hardness as mg/l CaCO ₃	Total Alkalinity as mg/l CaCO ₃
Station 912 (Samples Collected on										
1/25/1999	1:45 p.m.	1.0" rain	255	310	200	3.6	65	109	540	Not Done
12/10/1999	7:35 a.m.	0.55" rain	291	337	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
4/18/2000	12:10 p.m.	0.85" rain	281	316	240	3.7	64	93	497	Not Done
1/11/2001	8:25 a.m.	1.50" rain	20	35	13	2.8	5	16	63	27
1/26/2001	2:10 p.m.	0.70" rain	30	48	27	2.4	9	23	94	41
9/6/2002	2:56 p.m.	0.08" rain	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	560	Not Done
Average		0.92" rain	175	209	120	3.1	36	60	298	34
Station 916 (Samples Collected on										
4/18/2000	11:35 a.m.	0.85" rain	40	59	37	2.6	11	27	110	Not Done
1/11/2001	8:05 a.m.	1.50" rain	18	33	11	2.5	5	16	58	21
1/26/2001	2:10 p.m.	0.70" rain	18	30	12	2.2	5	18	67	27
9/6/2002	3:06 p.m.	0.08" rain	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	330	Not Done
Average		1.02" rain	26	41	20	2.4	7	20	78	24
Station 920 (Samples Collected on										
1/25/1999	1:15 p.m.	1.0" rain	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
4/18/2000	10:35 a.m.	0.85" rain	38	59	32	2.4	10	25	104	Not Done
Average		11:55 a.m. 0.93" rain	38	59	32	2.4	10	25	104	Not Done
Station 940 (Samples Collected on										
1/25/1999	1:22 p.m.	1.0" rain	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done	Not Done
4/18/2000	10:25 a.m.	0.85" rain	89	117	77	3.8	24	47	219	Not Done
Average		11:53 a.m. 0.93" rain	89	117	77	3.8	24	47	219	Na
Method No.	na	na	300	300	301	300.7	301	301		2320B
PDL as mg/l	na	na	2	4	1	0.3	0	0		5