

Site Name: ABPS 1  
 Site Location:  
 Map Number: 1

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 14:40	7.43	9.24		19.5	71.3	13890		9.3			23			1.2	0.55	2.1	2.5	60
5/9/2000 13:30	7.44	7.66	85.3	11	29.1	23470		18.6			43			0.7	0.71	ND	ND	26
6/5/2000 12:40	7.18	4.39	60.8	16.2	26.8	22130		16.4			93			0.98	0.82	0.4	ND	16
7/5/2000 14:30	7.98			20.1	15.8	34800		24.2			380							
7/18/2000 13:40	7.81	7.88	96.9	19.3	17.3	36500		26.5			240							
8/1/2000 13:00	8.4	18.49	259.5	24	18.5	38530		24.7			93			1.18	1	ND	1	51
8/15/2000 13:30	8.78			17.4	29.9	36260		26.3										
8/29/2000 9:30		1.24	13.8		32	31340		23.6			93							
9/12/2000 8:35	8.37	13.04	148.5	14.7	15	26660		20.8			240							
9/25/2000 8:35	8.59	5.03	53.2	12.4	22.4	28540		23.9			93			0.75	0.65	ND	0.43	1091
10/10/2000 8:30		1.66	27.3	12.5	19.4	27410		22.7			210							
10/24/2000 8:35	7.35	2.11	20.3	10.3	24.8	23390		20			43			0.41	0.22	0.27	2.38	36
11/7/2000 8:30	7.15	3.11	29.9	8.1	22.1	23340		21.6			21							
11/20/2000 8:35	6.74	1.64	13.2	6.1	22.3	16100		15.2			3			0.26	0.18	2.23	4.49	64
12/5/2000 9:00	6.89			4.9	26	14940		14.5			9							
12/19/2000 13:10	6.53	1.64	21.8	5.5	11.9	8950		8.4			43			0.1	0.1	7.1	1.26	
1/2/2001 9:00	6.89	12.49	105.3	6.3	26.8	8000		7.2			7							
1/23/2001 8:32	6.74	5.08	39.5	4	40.5	2682		2.4			15			0.28	0.11	6.76	1.03	32
2/6/2001 8:30	7.02	6.79	58	7.8	38.9	18910		17.7			93							
2/20/2001 8:40	7.02	6.8	55.4	4.3	39.2	5800		6			23			0.27	0.17	3.77	1.38	40
3/6/2001 8:35	7.18	7.27	63.4	6.9	21.6	9560		8.5			93							
3/20/2001 9:00	7.19	7.52	65.1	7.7	50.3	5550		4.6			1100			0.49	0.31	3.11	1.21	44
4/3/2001 9:00	7.23	7.93	68.8	7.6	14.9	6230		5.2			23							
4/17/2001 8:45	7.38	6.97	68	10.6	22.1	13300		10.8			93			0.19	0.13	1.6	1.15	46
5/1/2001 8:45	7.68	10.51	100	9.7	24.6	13330		11.2			120							
5/15/2001 8:35	7.46	4.06	42.9	11.3	20.8	18970		15.7			1100			0.24	0.13	0.31	1.9	29
5/29/2001 8:50	7.71	6.17	49.2	10.1	21.8	11.25		9.2			93							
6/12/2001 8:35	7.6	6.5	63.4	11.3	16.7	13240		12.3			2500			1.2	0.24	0.9	1.6	171
6/27/2001 8:45	7.77	0.43	60	16.4	7.17	27600		20.7			39							
7/10/2001 8:45	7.87	5.53	71.5	20.4	8.48	34730		24.2			460			0.33	0.31	0.1	0.67	ND
7/24/2001 8:53	8.15	8.26	105.7	20	7.74	34790		24.5			75							
8/7/2001 9:00	7.51	2.51	31.3	18.3	7.77	33060		24.1			240			0.46	0.37	0.1	1.06	ND
8/21/2001 9:45	7.74	3.89	47.8	17.9	10.9	33280	39110	25			620							
9/4/2001 8:40	8.05	3.18	36.2	16.8	14.5	29790	35270	22.3			43			1.22	0.58	ND	0.8	41
9/18/2001 9:00	7.73	2.39	27.5	15.2	13.5	30440	37450	23.8			43							
10/2/2001 8:40	8.07	4.49	48.5	11.2	10.45	26370	35850	22.6			1100			0.45	0.44	0.1	2.18	7
10/16/2001 9:00	7.86	4.04	42.2	11.6	9.89	24610	33140	20.7			43							
10/30/2001 8:30	6.71	5.64	50.5	9.1	6.23	7940	11500	6.6			7			0.05	ND	6.7	1.29	ND
11/13/2001 9:00	7.14	3.24	37	10.2	18.6	13370	18870	11.3			14							
11/27/2001 8:50	6.72	5.1	44.6	7.1	44.3	5310	8150	4.5			240			0.24	0.08	4	1.32	40
12/11/2001 8:55	7.14	7.85	62.6	5.1	76.2	2502	4054	2.2			39							
12/18/2001 8:50	7.1	10.95	81.6	2.7	55.8	1170	2021	1			150			1.24	0.16	1.51	0.59	307
1/8/2002 9:50	6.9	4.57	46.7	10.5	64.8	24950	34500	21.6			23							
1/22/2002 8:45	6.78	8.59	66.2	3	51.9	3373	5610	3			150			0.34	0.14	1.94	0.69	33
2/5/2002 8:30	6.8	8.05	64.2	4.8	27.7	4115	6690	3.6			43							
2/19/2002 9:00	7.22	5.28	52.3	7.2	47.4	7.39	11.09	6.2			43			0.5	0.2	1.61	2.22	61
3/5/2002 8:30	7.06	5.89	52.4	6.3	40.7	10060	15480	8.9			1100							
3/19/2002 8:45	6.85	9.41	73.7	4.2	109.8	1763	2941	1.6			460			0.46	0.19	1.09	0.54	
4/2/2002 9:00	6.85	8.91	76.8	8	45.6	5100	7600	4.2			460							
4/16/2002 8:25	6.76	8.81	74.3	7.1	111	2691	4216	2.2			1100			0.52	0.21	1.27	0.64	52
4/30/2002 8:35	7.31	9.13	101.8	11.9	25.9	185.1	222.2	0.1			23							
5/14/2002 8:30	7.17	2.61	28.5	13	22.8	26160	33940	21.3			460			0.34	0.09	0.23	1.32	15

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 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
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VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
6/11/2002 8:45		4.32	49.9	16.1	20.5	28090	33780	21.2			75			0.441	ND	ND	0.3	119
6/25/2002 8:50	8.29	6.87	87	18.2	21.4	32080	36838	23.4			240							
7/9/2002 8:50	7.37	1.75	16.2	15.3	19.3	26030	31970	20			460			0.96	ND	ND	1.4	41
7/23/2002 8:35	7.9	3.34	44.6	20.6	22.7	35740	39000	24.9			2500							
8/6/2002 8:30	7.8	7.9	86.4	16.3	22.6	33560	40290	25.8			240			1.4	ND	ND	1.6	167
8/20/2002 9:00	8.04	3.43	40.8	17.2	6.1	32870	38760	24.8			2400							
9/3/2002 8:40	8.05	0.79	8.9	15.8	17.4	33680	40670	26.2			170			1.26	ND	ND	0.41	96
9/17/2002 8:30	7.66	1.79	20.6	14	11.9	31070	39390	25.1			500							
10/1/2002 8:35	7.92	3.7	39	10.8	13.4	27020	37150	23.5			170			0.85	0.91	ND	1.1	56
10/15/2002 8:40	8.13	2.24	22.8	9	19.6	23870	34200	21.4			80							
10/29/2002 8:30	7.51	4.85	48.5	9.1	9.06	25670	37030	23.3			13			1.3	ND	ND	3.8	37
11/12/2002 8:20	7.57	6.47	64.4	9.5	42	24070	34230	21.4										
11/25/2002 8:15	7.23	2.65	23.3	4.6	48	18650	30540	18.7			300			0.78	0.34	0.46	3.8	96
12/10/2002 8:47	7.53	5.73	52.7	7.4	24.4	21480	32460	20.1			80							
12/12/2002 8:15					21.8						130							
12/23/2002 8:30	6.76	3.07	25.4	6.1	18.7	14970	23530	14.1						0.29	ND	1.98	2.4	47
1/7/2003 8:45	6.5	4.5	39.2	5.6	19.5	14930	23750	14.3			80							
1/21/2003 8:50	6.5	4.32	37.3	8.5	7.12	24560	36150	22.8		2.5	2			ND	ND	8.39	1.4	27
1/23/2003 8:55					242						110							
2/4/2003 8:50	6.7	5.44	44.3	4.8		7580	12220	6.8			7							
2/18/2003 8:47	6.76	6.11	53	7.1		10920	15520	8.9		2.5	17			0.23	0.19	1.94	1.5	75
3/4/2003 8:35	6.85	2.24	17.9	9.8	17.1	25180	36000	22.8			2.4							
3/18/2003 9:00	7.06	7.96	73.6	8.2	19.9	12410	18590	11.2			2.5			0.28	ND	0.95	1.8	86
4/1/2003 8:40	6.69	4.64	43.4	9.4	12.1	12320	17530	10.3			3.5							
4/15/2003 8:20	7.05	2.51	26.4	10.8	17.7	23000	31720	19.8		2.48	8			0.39	ND	ND	2.2	45
4/29/2003 8:50	6.7	4.58	39.8	13	17	11920	15440	9			2.4							
5/13/2003 8:15	7.78	5.83	56.1	13.3	14.8	24980	32480	20.4		2.4	30			0.51	ND	ND	1.1	45
5/27/2003 8:30	8.17	3.77	55.1	16.9	15.8	33820	40050	25.7			13							
6/10/2003 8:20	8.03	5.29	65.6	18	14.4	35910	41480	26.7		2.46	500			2	0.8	0.071	1	68
No.	76.00	76.00	75.00	78.00	79.00	79.00	47.00	79.00	0.00	9.00	78.00	0.00	0.00	39.00	29.00	28.00	38.00	35.00
Mean	7.39	5.53	55.67	11.19	37.60	19640.25	25267.94	16.03	#DIV/0!	2.57	282.90	#DIV/0!	#DIV/0!	0.64	0.36	2.18	1.51	93.34
SD	0.55	3.14	34.98	5.10	68.83	11376.60	13771.86	8.20	#DIV/0!	0.35	521.05	#DIV/0!	#DIV/0!	0.45	0.27	2.37	0.95	182.40
Max	8.78	18.49	259.50	24.00	558.00	38530.00	41480.00	26.70	0.00	3.50	2500.00	0.00	0.00	2.00	1.00	8.39	4.49	1091.00
Min	6.50	0.43	8.90	2.70	6.10	7.39	11.09	0.10	0.00	2.40	2.00	0.00	0.00	0.05	0.08	0.07	0.30	7.00

Site Name: ABSR1  
 Site Location:  
 Map Number: 2

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
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VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
7/18/2000 13:50	8.02	8.77	109.6	19.8	37.8	34200		24.2			43							
9/12/2000 10:10	8.55	11.13	135.3	16	17.3	29170		22.2										
11/7/2000 9:35	7.17	5.13	51.1	8.9	9.71	24480		22.2			20							
12/5/2000 9:10	6.45	14.43	126.3	5.3	9.3	14240		13.6			14							
1/2/2001 10:00	6.56	13.42	109.8	6.5	10.03	5500		4.7			23							
2/6/2001 8:45	6.98	6.55	53.7	5.2	43.4	6460		5.9			93							
3/6/2001 8:45	7.08	6.23	54.2	6.1	25.1	11660		10.9			460							
4/3/2001 9:10	6.99	7.04	64.5	8	33	12330		11			240							
5/1/2001 8:55	7.25	7.07	66	9.7	21.4	10240		8.8			1100							
5/29/2001 9:00	7.42	4.68	49.6	12.2	20.2	25190		21			240							
6/27/2001 8:50	7.21	6.77	80.3	17.3	14.5	28420		20.9			23							
7/24/2001 9:08	7.52	5	64.1	18.7	10.64	34670		25.2			23							
8/21/2001 10:00	7.73	4.36	53.6	18.2	5.29	32940	37930	24.2			2500							
9/18/2001 9:10	7.53	2.85	33.1	15.5	7.49	30360	37130	23.6			43							
10/16/2001 9:10	8.8	10.96	114.3	11	13.7	24580	10960	21										
11/13/2001 9:10	7	5.5	51.1	10.2	17.2	7780	10830	6.2			43							
12/11/2001 9:05	6.86	7.29	58	5.1	90.9	1820	3002	1.5			93							
1/8/2002 10:00	6.98	7.61	69.1	9.8	46.8	4900	6920	3.8			93							
2/5/2002 8:35	6.51	7.22	57.7	4.9	18.6	3243	5250	2.8			4							
3/5/2002 8:40	6.72	5.84	48.7	6.1	36.3	4660	7260	4			240							
4/2/2002 9:07	6.55	7.51	67.9	7.1	38	11600	17600	10.4			460							
4/30/2002 8:35	7.21	6.48	67.1	11.9	24.2	8870	11750	6.8			93							
5/28/2002 9:15	7.12	6.27	72.7	17.2	17.2	26460	31250	19.6			43							
6/25/2002 9:05	7.48	2.75	34.9	19.6	24.9	32790	36580	23.2			240							
7/23/2002 8:45	7.21	2.75	38.3	21	37.3	34520	37450	23.8			1100							
8/20/2002 9:15	7.46	1.38	17.1	17.4	6.03	36300	42490	27.4			2400							
9/17/2002 8:45	7.82	2.72	32	18.3	3.21	33410	38350	24.4			4							
10/15/2002 8:50	7.56	0.13	1.4	9.5	7.43	23910	34020	21.3			30							
11/12/2002 8:30	7.18	3.74	38.2	9.7	16.4	26100	36960	23.3			30							
12/10/2002 8:56	7.31	4.42	41.3	6.5	27.6	17560	27310	16.7			30							
1/7/2003 9:50	6.79	5.75	47.9	4.8	47.2	11630	19000	11.1			220							
1/23/2003 9:05					412						110							
2/4/2003 9:00	6.69	6.08	50.1	4.8		6410	10630	5.9			50							
3/4/2003 9:05	6.68	6.24	54.7	7.1	6.1	77700	11820	6.7			13							
4/29/2003 9:05	6.91	7.47	63.5	12.4	14.5	9240	12220	7			13							
5/27/2003 9:00	7.28	8.75	117.7	16.9	18.8	26220	31050	19.4										
No.	35.00	35.00	35.00	35.00	35.00	35.00	23.00	35.00	0.00	0.00	33.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	7.22	6.29	62.71	11.39	33.99	20844.66	22511.39	14.99	#DIV/0!	#DIV/0!	307.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
STD	0.53	3.04	30.38	5.34	67.97	14967.65	13439.84	8.28	#DIV/0!	#DIV/0!	614.50	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max	8.80	14.43	135.30	21.00	412.00	77700.00	42490.00	27.40	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Min	6.45	0.13	1.40	4.80	3.21	1820.00	3002.00	1.50	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Site Name: ESMTG4  
 Site Location:  
 Map Number: 3

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5/9/2000 13:05	7.71	6.45	66.5	12	9.76	4770		3.5			23			0.44	0.39	ND	2.9	14
6/5/2000 12:30	7.28	8.74	60.3	16.5	36.3	19760		15.8			93			1.21	0.15	ND	ND	ND
7/5/2000 14:05	8.85			19.3	15.9	9680		6.2			4							
8/1/2000 12:45	9.26	8.34	99.7	18.7	47.6	26740		19.1			93			2.3	1.67	ND	0.2	90
8/29/2000 9:50	9.18	10.23	113.6	15.6	17.5	14240		10.3			23							
9/12/2000 9:10	8.96	19.27	201.4	13.2	20	11810		8.9			9							
9/25/2000 9:00	7.67	5.86	50.6	11.3	14.7	26740		22.8			43			0.43	0.3	ND	2.1	959
10/10/2000 8:50	7.2	1.88	23.2	12.4	18.4	27930		23.6			43							
10/24/2000 9:00	7.8	9.69	85.4	8.8	7.71	5830		4.8			23			0.37	0.23	0.24	2.66	15
11/7/2000 8:45	7.58	0.57	2.7	9.8	8.41	23480		20.8			15							
11/20/2000 9:00	7.13	5.57	46	3.9	26.8	19190		11.2			9			0.29	0.12	0.42	2.87	66
12/5/2000 9:20	7.09	1.67	14.2	5.4	19.9	10330		9.7			150							
12/19/2000 13:25	6.95	1.46	14.1	8	78.7	21700		19.9			43			0.42	0.27	5.17	0.84	22
1/2/2001 10:20	7.19	8.65	87.2	6.6	34.2	14900		13.8			39							
1/23/2001 9:00	6.89	8.34	61.4	3.7	93.2	1306		1.1			93			0.59	0.37	3.49	1.08	49
2/6/2001 9:00	7.31	2.35	21.2	6.6	58.6	6940		6.2			43							
2/20/2001 9:00	7.09	5.1	41	4.4	25.2	1670		1.4			23			0.35	0.25	2.68	1.62	ND
3/6/2001 9:05	7.46	6.76	56.5	8.3	24.4	22.9		0			9							
3/20/2001 9:10	7.53	3.96	31.2	8.8	59	4800		3.8			64			0.63	0.45	2.23	0.95	33
4/3/2001 9:20	7.31	1.28	15	11.5	12.3	27900		23.9			23							
4/17/2001 8:50	7.97	9.04	92	11	9.04	21300		17.8			9			0.09	0.12	0.2	0.33	53
5/1/2001 9:00	7.81	2.25	23.1	12	8.66	26400		23.3			150							
5/15/2001 8:40	7.47	2.83	32.5	12.3	11	27930		22.2			39			0.96	0.65	0.07	1.91	87
5/29/2001 9:15	7.34	3.86	44.5	13.5	15.3	29260		23.8			4							
6/12/2001 8:55	7.17	0.8	7.6	12.1	7.77	26650		15.6			2500			0.05	0.12	0.1	2.81	25
6/27/2001 9:05	7.27	0.07	0.8	16.1	11.8	32880		25.3			23							
7/10/2001 9:00	9.11	17.24	159.6	17.5	15.1	10470		7.1			93			0.84	0.15	ND	ND	20
7/24/2001 9:28	9.15	9.67	176	17.8	13.1	11340		7			43							
8/7/2001 9:15	7.83	3.18	34.2	15.8	7.94	14360	17250	10.3			2500			2.95	1.72	ND	2.66	ND
8/21/2001 10:10	7.98	0.57	6.5	12.7	12	29650	38590	24.4			460							
9/4/2001 9:05	7.7	0.46	6.2	15.4	15.1	28630	35200	22.2			15			1.82	1.13	ND	0.84	32
9/18/2001 9:30	8.48	9.11	97.8	14	11.9	19480	24550	14.9			20							
10/2/2001 9:00	8.73	12.34	119.1	9.2	13.1	17580	25950	15.8			42			0.71	0.65	ND	0.11	5
10/16/2001 9:15	8.97	6.06	59.8	10.9	19.2	16990	23470	14.3			3							
10/30/2001 8:50	7.08	2.17	19.2	10.1	3.5	24180	33770	20.9			39			0.94	0.53	0.3	2.05	6
11/13/2001 9:25	7.3	1.8	19	9.8	10.66	26820	37710	23.9			23							
11/27/2001 9:00	7.06	1.69	17.1	9.9	75.9	21580	30460	19			2500			0.38	0.19	3.7	1.47	49
12/11/2001 9:20	7.14	7.01	54.5	4.5	140	869	1432	0.7			360							
12/18/2001 9:15	6.95	9.45	71.9	3.6	304	1038	1756	0.9			210			0.96	0.21	1.7	0.78	165
1/8/2002 10:15	7.48	9.95	91.3	10.6	17.8	5670	7820	4.3			23							
1/22/2002 9:00	6.97	9.8	74.2	3.2	29.3	4209	7200	2.7			43			0.4	0.16	1.05	0.68	11
2/5/2002 8:50	7.14	8.97	71.9	5.1	21.2	3223	5190	2.8			23							
2/19/2002 9:20	7.46	8.3	74.1	7.5	3.62	10910	16230	9.1			7			0.35	0.25	2.68	1.62	ND
3/5/2002 8:55	7.06	0.25	2.7	10.5	20	22800	32710	21.7			43							
3/19/2002 9:00	7.14	10.5	78.6	3.7	36.8	1922	3250	1.7			150			0.36	0.19	0.86	0.75	
4/2/2002 9:12	7.21	4.24	42.2	9.5	13	21600	30400	18.5			23							
5/28/2002 9:35	7.57	7.08	76.4	16	15.4	13870	16750	0.9			1100							
6/11/2002 9:05		2.04	23.2	14.6	17.7	26660	33350	20.9			1100							
7/23/2002 9:00	7.86	4.5	46.8	19.9	11.2	10690	12430	7.1			240			1.88	ND	ND	3	56
5/14/2002 9:00	7.84	7.92	72.2	12	12	2777	3644	1.9			93			0.29	0.14	0.24	1.05	ND
6/25/2002 9:15	8.8	8.61	96.1	19.2	7.9	8220	9260	5.2			150							
7/9/2002 9:20	7.55	10.19	95.1	14.1	8.53	96.2	115.9	0.1			460			1.4	1.4	ND	2.2	18

Site Name: ESMTG4  
 Site Location:  
 Map Number: 3

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
8/6/2002 9:08	7.79	3.31	36.9	16.5	7.82	12600	15300	9						1.6	1.4	ND	2.1	26
8/20/2002 9:25	8.13	6.69	74.8	16.3	13.1	17180	20690	12.4			93							
9/3/2002 8:50	8.23	9.52	101.93	14.2	11.4	18280	22980	13.9						2.24	1.3	ND	0.23	48
9/17/2002 8:55	8.24	1.06	13.3	15.2	10.91	33150	41040	26.3			50							
10/1/2002 8:50	7.84	1.93	22.3	15.9	13.2	26050	31550	19.7			26			1.1	0.97	ND	1.2	36
10/15/2002 9:15	7.38	0.8	7.8	8.2	34.8	25350	37570	23.6			220							
10/29/2002 8:40	7.39	1.96	18.4	6	11.7	20340	31900	20			11			1.5	ND	ND	3.9	52
11/1/2002 9:10	7.52	4.64	42.3	10.3	31.7	24410	33800	21.1			1600							
11/25/2002 8:30	7.24	2.35	28.2	3.6	14.5	7750	13380	7.6			300			0.57	0.5	0.97	4.2	37
12/10/2002 9:02	7.39	5.78	56.9	8.6	25.4	24630	35860	22.5			80							
12/12/2002 8:25					23.3						23							
12/23/2002 8:45	7.24	0.89	7.6	7.8	32.2	23.55	35.41	22.1						1.2	ND	0.164	3	142
1/7/2003 9:05	7.18	5.2	41.9	4.7	26.9	5020	8090	4.5			80							
1/21/2003 9:05	7.11	2.91	24.5	6.7	12.6	2353	3632	1.9			23			0.23	ND	3.02	1.9	10
1/23/2003 9:10					135						1600							
2/4/2003 9:15	7.16	2.49	19.9	5.7		1380	2189	1.1			240							
2/18/2003 9:05	7.03	5.14	43.6	7.4		3069	4602	2.5			50			0.28	ND	2.5	1.8	45
3/4/2003 9:15	7.11	7.86	66.5	7.8	11.7	3740	5460	3			2							
3/18/2003 9:20	7.59	10.93	97.8	8.2	29.1	5540	8210	4.6			22			0.23	ND	1.58	1.4	31
4/1/2003 9:15	7.11	5.54	51.1	10.2	42	1794	2501	1.3			170							
4/15/2003 8:30	7.39	4.91	36.4	10.3	7.55	11070	15660	9.5			23			0.31	ND	0.67	1.5	29
4/29/2003 9:15	7.06	2.27	24.7	13.1	19.1	25500	33100	20.8			4							
5/13/2003 8:30	8.09	7.33	73.6	10.4	15.2	15030	20850	12.5						0.53	ND	ND	1.4	29
5/27/2003 9:20	8.88	14.21	101.9	19.2	13.3	19760	22790	51			2							
6/10/2003 8:30	7.55	1.16	12.1	13.9	27.4	26860	34610	21.7			40			3.8	1.2	ND	3.1	70
No.	74.00	74.00	74.00	75.00	75.00	75.00	47.00	75.00	0.00	0.00	73.00	0.00	0.00	38.00	30.00	22.00	36.00	32.00
Mean	7.64	5.64	53.81	10.92	28.24	15075.64	19027.39	12.88	#DIV/0!	#DIV/0!	246.74	#DIV/0!	#DIV/0!	0.92	0.57	1.55	1.76	72.81
SD	0.64	4.10	40.92	4.48	41.02	10025.79	13182.55	9.55	#DIV/0!	#DIV/0!	564.20	#DIV/0!	#DIV/0!	0.84	0.51	1.44	1.04	165.66
Max	9.26	19.27	201.40	19.90	304.00	33150.00	41040.00	51.00	0.00	0.00	2500.00	0.00	0.00	3.80	1.72	5.17	4.20	959.00
Min	6.89	0.07	0.80	3.20	3.50	22.90	35.41	0.00	0.00	0.00	2.00	0.00	0.00	0.05	0.12	0.07	0.11	5.00

Site Name: EBEW1  
 Site Location:  
 Map Number: 4

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
5/23/2000 12:35	7.48	10.52	111.5	18.9	8.78	11960		7.9										
6/20/2000 12:35	7.45	0	0.4	21	9.84	28500		19.2			150							
7/18/2000 13:30	8.76	4.58	56.1	22.2	28	9590		5.5			43							
8/15/2000 13:15	8.34	13.16	160.7	22.5	31.1	18280		16.6										
9/12/2000 10:25	8.32		281.7	16.2	15.7	6670		4.5			43							
11/7/2000 9:15	7.42	2.73	25.4	9	15.5	13390		11.3			23							
12/5/2000 9:50	7.06	11.28	86.2	4.8	18.3	2787		2.4			120							
1/2/2001 11:30	7.38	7.99	68	6.4	39.2	1300		1			23							
2/6/2001 9:10	7.42	4.43	35.6	5.7	57.8	1024		0.8			43							
3/6/2001 9:45	7.41	5.96	50.3	7.2	48.1	1399		1.1			240							
4/3/2001 9:35	7.4	9.17	69.6	7.3	21.5	2352		2			43							
5/1/2001 9:15	7.89	8.54	84.2	10.6	23.3	18910		16			93							
5/29/2001 9:25	7.48	0.1	1.3	13	29.2	23510		19			240							
6/27/2001 9:25	7.76	7.3	85.2	17.4	33.1	24870		18			2500							
7/24/2001 9:49	8.61	14.89	174.4	20.2	27.6	7430		4.2			150							
8/21/2001 10:35	8.44	7.99	91.4	17.9	16.8	18410	21290	12.8			93							
9/18/2001 9:40	8.51	12.35	134.1	15.8	11.4	17920	21710	13.1			29							
10/16/2001 9:30	8.46		81.7	10.6	11.3	6780	9330	5.2			21							
11/13/2001 9:35	7.57	5.47	53.8	10.1	41.5	19660	27020	16.6			460							
12/11/2001 9:33	7.04	6.82	54.3	4.8	157	492	801	0.4			150							
1/8/2002 10:25	7.51	8.92	80.8	10.5	23.3	2690	3612	1.9			93							
2/5/2002 11:30	7.02	7.76	62.7	5.5	22.2	2535	4044	2.1			23							
3/5/2002 9:10	7.3	5.54	45.5	6.2	26.3	1367	2139	1.1			93							
4/2/2002 9:35	7.32	7.57	68.4	9.5	25.1			1.1			240							
4/30/2002 9:10	7.41	7.78	88.6	15.7	18.5	24760	30050	18.6			23							
5/28/2002 9:45	7.61	7.39	77.5	16.9	25.7	5580	6580	3.6			1100							
6/25/2002 9:30	8.81	13.11	152.3	20.8	17.4	4770	5190	2.8			43							
7/23/2002 9:05	7.56	8.77	97.4	23.6	12.7	6040	6430	3.6			53							
8/20/2002 9:35	7.94	5.38	50.8	16.6	14	10780	12740	7.3			43							
9/17/2002 9:07	8.34	5.21	55.7	14.8	11.3	16100	20190	12.2			26							
10/15/2002 9:25	7.48	0.17	1.6	8.6	10.75	24370	35550	22.3			50							
11/12/2002 9:20	7.84	8.52	85.7	9.9	37.6	23010	32300	20.1			80							
12/10/2002 9:15	7.75	7.49	72.8	7.6	10.49	22360	33520	20.8			23							
1/7/2003 9:15	7.15	2.78	23	5	24.8	3135	5070	2.7			70							
1/23/2003 9:20					458						1600							
2/4/2003 9:25	7.14	2.48	20.7	5.7		1037	1640	0.8			130							
3/4/2003 9:30	7.22	7.53	64.7	7.9	13.2	2813	4184	2.2			8							
4/1/2003 9:20	7.06	4.63	41.8	10.2	38.6	1121	1563	0.8			170							
4/29/2003 9:30	7.81	7.74	84.3	15	33.7	20150	25040	15.4			300							
5/27/2003 9:30	8.5			20.5	8.84	19040	25570	15.7			4							
No.	39.00	36.00	38.00	39.00	39.00	38.00	23.00	39.00	0.00	0.00	38.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	7.72	7.00	75.79	12.62	37.88	11234.00	14589.70	8.53	#DIV/0!	#DIV/0!	227.26	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
SD	0.53	3.57	52.89	5.89	73.20	9020.43	12107.38	7.40	#DIV/0!	#DIV/0!	485.64	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max	8.81	14.89	281.70	23.60	458.00	28500.00	35550.00	22.30	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Min	7.02	0.00	0.40	4.80	8.78	492.00	801.00	0.40	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Site Name: EBEE2  
 Site Location:  
 Map Number: 5

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
5/23/2000 12:50	7.48	5.02	52.5	17.5	18	1293		0.8			460							
6/20/2000 12:40	7.23	3.32	37.5	18.9	14.8	962		0.5			290							
7/18/2000 14:05	8.01	5.22	54	21	13.4	3680		2			240							
9/12/2000 11:05	8.08	14.88	156.8	17.2	15.3	3441		2			15							
10/10/2000 9:10	8.06	5.73	57.2	12.8	13.6	11420		8.3			240							
11/7/2000 9:20	7.34	2.58	24.1	8.8	21	11410		9.6			43							
12/5/2000 9:35	7.03	10.22	80.1	4.5	29.8	1778		1.6			240							
1/2/2001 11:15	7.34	8.28	70.9	6.6	2.31	500		0.4			23							
2/6/2001 9:20	7.42	3.87	31.1	5.6	45.5	966		0.8			93							
3/6/2001 9:35	7.26	0.04	0.5	9	31.4	12.28		10.4			21							
4/3/2001 9:45	7.55	4.43	38	7.9	31.5	2409		1.9			93							
5/1/2001 9:40	7.62	1.22	16.2	9.4	52.2	274.9		0.2			1100							
5/29/2001 9:30	7.56	5.41	55.3	13.1	36	11240		8.5			75							
6/27/2001 9:30	7.55	0.22	3.8	18.2	19	24360		17.3			460							
7/24/2001 9:53	7.69	7.37	86.1	23.9	13	19670		11.1			240							
8/21/2001 10:25	8.17	4.48	57.3	22.6	10.96	27910	29290	18.2			240							
9/18/2001 9:50	8.03	0.27	3.4	17.9	13	29400	34000	21.4			240							
10/16/2001 9:40	7.82	8.81	86.4	12.3	11	9520	12540	7.3			39							
11/13/2001 9:40	7.53	0.1	1	10.5	27.8	6230	8430	4.9			43							
12/11/2001 9:40	6.91	4.98	39.3	5.3	52.9	500	803	0.4			240							
1/8/2002 10:30	7.31	3.08	27.9	10.5	27.7	1523	2103	1.1			75							
2/5/2002 9:00	6.91	4.49	36.2	5.6	29.7	1792	2889	1.5			43							
3/5/2002 9:12	7.15	3.25	27	6.9	31	1175	1786	0.9			240							
4/2/2002 11:05	7.14	7.09	63.3	10	27.8	1287	1847	1			1100							
4/30/2002 9:15	7.3	4.55	43.2	11.8	23.7	4198	5470	3.1			1100							
5/28/2002 9:50	7.28	4.46	48.7	17.3	22.1	4103	4787	2.6			460							
6/25/2002 9:40	7.66	2.04	24.7	22.5	6.58	8250	8580	4.8			460							
7/23/2002 9:20	7.24	2.94	33.3	21.2	5.2	2336	2520	1.3			15							
8/20/2002 9:45	7.5	2.72	34.4	22.3	6.02	22980	24620	15.1			64							
9/17/2002 9:15	7.93	3.51	41.2	19.2	7.14	21730	28250	18.5			280							
10/15/2002 9:30	7.58	0.96	9.7	9.8	9.04	23740	33540	20.9			500							
11/12/2002 9:25	7.84	4.54	49.4	9.9	37.6	14610	20550	12.3			900							
12/10/2002 9:20	7.66	1.61	20.7	7.1	18.8	10510	16210	9.5		2.7	240							
1/7/2003 9:20	7.1	2.35	19.5	5.1	37.3	2358	3809	2		2	23							
1/23/2003 9:25					390					3	240							
2/4/2003 9:30	7.08	2.69	21.8	5.7		950	1503	0.7		4.6	500							
3/4/2003 9:35	6.95	3.64	32.1	8.3	17.4	2531	3799	2			50							
4/29/2003 9:40	7.37	0.38	4.8	15	16.1	17740	21900	13.2		3.5	50							
5/27/2003 9:33	7.63	12.93	157	20.5	9.1	14510	16220	9.7		4.7	2							
No.	38.00	38.00	38.00	38.00	38.00	38.00	23.00	38.00	0.00	6.00	39.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	7.48	4.31	43.33	12.94	31.44	8507.87	12410.70	6.52	#DIV/0!	3.42	276.33	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
SD	0.34	3.35	35.37	6.08	61.09	8959.87	11362.94	6.58	#DIV/0!	1.07	307.52	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max	8.17	14.88	157.00	23.90	390.00	29400.00	34000.00	21.40	0.00	4.70	1100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Min	6.91	0.04	0.50	4.50	2.31	12.28	803.00	0.20	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Site Name: EFMN1  
 Site Location:  
 Map Number: 6

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjehldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
5/23/2000 13:00	7.4	7.52	84.9	20.5	18.8	657		0.4			43							
6/20/2000 12:25	7.22	4.5	51.7	19.5	16	668		0.4			290							
7/18/2000 13:20	8.13	10.65	107.3	20	34.7	1195		0.7			1100							
8/15/2000 13:10		17.26	227	24.2		16750		9.7										
11/7/2000 9:45	7.46	0.1	0.9	7.2	12.7	408.8		0.3			23							
12/5/2000 9:40	6.93	12.62	103.2	4.3	21.1	8.3		0			240							
1/2/2001 11:20	7.31	6.36	52.6	6.7	15.2	300		0.2			23							
2/6/2001 9:30	7.35	0.82	13.7	6	18.6	286.8		0.2			93							
3/6/2001 9:25	7.28	0.04	0.5	6.6	28.6	359.1		0.3			93							
4/3/2001 9:50	7.69	4.67	40.5	8.6	14.7	339.3		0.2			93							
5/1/2001 9:25	7.78	7.89	72.4	9.2	25.9	10210		8.5			460							
5/29/2001 9:40	7.43	7.56	75.3	13.6	37.2	441.3		0.3			240							
6/27/2001 9:40	7.5	5.03	52.8	16.5	26.6	509		0.3			1100							
7/24/2001 10:05	7.59	5.59	59.1	19.7	11.6	2532		1.3			240							
8/21/2001 10:30	8.17	8.99	102.3	19.9	12.3	14020	15240	8.9			240							
9/18/2001 9:55	7.99	4.12	48.6	17.9	10.89	24740	28670	17.8			150							
10/16/2001 9:55	7.82	7.77	74.5	13.4	12.8	1168	15420	9.1			23							
11/13/2001 9:45	7.46	0.16	1.7	10.5	22.2	577	801	0.4			460							
12/11/2001 9:42	6.78	5.02	40	5.8	33.1	210.7	333	0.2			93							
1/8/2002 10:35	7.24	4.33	39	10.6	29.7	404.2	558	0.3			43							
2/5/2002 9:05	6.92	4.86	39.2	5.6	17	304.9	484.2	0.2			43							
3/5/2002 9:15	7.08	3.8	33.2	25.2	399.2	598	598	0.3			1100							
4/2/2002 11:10	7.01	4.41	37.6	8.3	31.1	377.6	554	0.3			460							
4/30/2002 9:25	7.23	4.29	42.4	11.3	41.5	566	765	0.4			240							
5/28/2002 9:55	7.43	6.8	70.8	17.1	36.8	1536	1805	0.9			150							
6/25/2002 9:45	7.31	3.25	36.9	19.9	8.56	1719	1907	1			14							
8/20/2002 9:50	7.44	4.31	47	20.5	5.63	11460	12300	7			23							
9/17/2002 9:20	8	6.17	68	16.9	7.83	13940	16530	9.7			21							
10/15/2002 9:35	7.55	1.59	16	9.7	13.5	15410	22100	13.3			220							
11/12/2002 9:30	7.92	0.97	12.1	10	10.66	10270	14400	8.4			240							
12/10/2002 9:25	7.69	7.16	61.5	7	24.5	920	1398	0.7			300							
1/7/2003 9:30	7.06	4.4	36.1	5	15.8	676	1110	2.1			23							
1/23/2003 9:30					650						900							
2/4/2003 9:35	7.9	3.68	29.8	5.5		317	506	0.2			500							
3/4/2003 9:40	6.95	2.57	22.5	7.8	25	392.6	584	0.3			30							
4/1/2003 9:35	6.93	4.44	39.1	9.3	21.4						50							
4/29/2003 9:45	7.37	5.65	52.8	12.3	10.87	479	632	0.3			30							
5/27/2003 9:38	7.32	8.63	106.4	20.3	12.2	15840	17460	10.4			27							
No.	36.00	37.00	37.00	36.00	36.00	36.00	22.00	36.00	0.00	0.00	37.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	7.43	5.35	54.04	12.42	37.78	4177.55	7007.05	3.19	#DIV/0!	#DIV/0!	254.54	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
SD	0.36	3.49	40.96	5.89	105.37	6555.57	8865.68	4.74	#DIV/0!	#DIV/0!	315.75	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max	8.17	17.26	227.00	24.20	650.00	24740.00	28670.00	17.80	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Min	6.78	0.04	0.50	4.30	5.63	8.30	333.00	0.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Site Name: ESPSTG5  
 Site Location:  
 Map Number: 7

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 14:25	7.48	10.91		14.5	20.6	1892		1.2			23			0.6	0.45	0.5	4.5	18
5/9/2000 12:50	7.4	5.49	65.5	13	16.3	3812		2.4			23			0.36	0.34	ND	ND	8
5/23/2000 12:20	7.15	7.48	70.7	15.4	15.2	3713		2.4			120							
6/5/2000 12:20	7.26	8.23	84.5	17.6	22.1	4830		3.1			1100			0.54	0.24	ND	ND	27
6/20/2000 12:15	7.25	4.08	52.1	17.8	16.3	2032		1.1			150							
7/5/2000 13:45	8.18	13.45	117.6	18.6	12.9	11250		7.1			23			0.26	0.25	2.3	0.3	7
7/18/2000 13:15	8.54	10.25	115.5	19.8	12.4	3873		2.2			2500							
8/1/2000 12:30	7.49	10.46	139.1	26.7	28.6	31280		18.8			23			7.8	2.7	ND	ND	47
8/15/2000 13:00	8.48		260.9	20.9	15.3	15680		10.2			43							
8/29/2000 10:05	8.9	19.37	124.3	16.5	13.4	9230		6.2			15			1.1	0.92	ND	0.3	34
9/12/2000 9:30	8.09	12.22	128.2	14.7	11.8	7000		4.9			3							
9/25/2000 9:15	8.23	15.08		13.1	7.87	20530		16.4						0.78	0.71	ND	1.31	573
10/10/2000 9:15	7.94	4.46	49.2	13	9.53	25030		20.3			43							
10/24/2000 9:10	7.48	8.5	79.4	9.9	7.56	4410		3.4			43			0.31	0.24	0.14	1.48	5
11/7/2000 9:00	7.38	3.4	32.6	8.5	42.3	9.32		7.9			460							
11/20/2000 9:10	7.07	2.27	13.3	4.3	22.8	9850		9.4			23			0.28	0.12	0.45	2.97	90
12/5/2000 8:45	7.61	9.3	77	5.5	22.6	2409		2			240							
12/19/2000 13:35	7.12	4.83	40.2	4.7	50	10730		10.1			43			0.32	0.22	4.56	0.65	10
1/2/2001 11:40	7.26	4.49	37.6	6.4	26.1	800		0.6			43							
1/23/2001 9:15	7.29	7.02	60.7	4.2	66.7	651		0.5			23			0.43	0.3	4.19	0.63	27
2/6/2001 10:50	7.3	4.5	36.6	6	36.6	771		0.6			120							
2/20/2001 9:12	7.11	5.94	49	5	22.4	534		0.4			43			0.37	0.2	3.5	0.71	10
3/6/2001 9:50	7.3	4.44	37.4	7.4	26.3	2167		1.7			39							
3/20/2001 9:30	7.55	5	43.4	7.7	38.5	768		0.6			75			0.51	0.39	3.21	0.82	21
4/3/2001 10:00	7.47	2.48	23.3	8.4	20.5	2260		1.7			43							
5/1/2001 10:50	7.56	8.08	74	9.9	35.2	4284		3.3			2500							
5/15/2001 8:50	7.56	4.22	39.1	11.2	30.9	3265		2.4			2500			0.68	0.32	0.26	2.19	36
5/29/2001 9:50	7.47	0.04	0.6	13.8	30	8670		6.3			240							
6/12/2001 9:10	7.48	4.91	51.7	10.5	46.3	1865		1.4			2500			0.7	0.35	0.4	2.16	37
6/27/2001 9:45	7.52	3.11	38.2	16.8	25.1	4061		2.6			1100							
7/10/2001 9:15	8.74	18.36	200.1	19.8	12.6	6280		3.9			240			0.34	0.09	ND	0.09	ND
7/24/2001 10:28	7.88	8.61	108.9	19.8	9.03	6510		3.9			460							
8/7/2001 9:30	7.64	5.85	63.2	18.8	5.97	18800	21170	18.8			23			1.72	1.11	ND	1.74	ND
8/21/2001 12:25	8.61	8.27	93.7	17.9	12.1	17980	20880	12.5			240							
9/4/2001 9:20	7.84	4.5	48	18.9	10.4	21720	24660	15			75			1.52	0.96	ND	0.87	44
9/18/2001 10:00	8.03	2.47	28.9	16.3	8.62	26890	32250	20.2			43							
10/2/2001 9:10	8.64	9.6	91.9	10.3	9.83	12720	17670	10.4			36			1.52	1.32	0.1	0.1	6
10/16/2001 11:50	8.31	9.67	94.5	12.2	15.04	9660	12800	7.4			9							
10/30/2001 9:00	7.29	2.47	21.9	9.1	15.3	3111	4473	2.4			43			0.62	0.32	4.4	1.62	12
11/13/2001 9:55	7.39	0.2	1.1	10.5	26.7	3903	5400	2.9			240							
11/27/2001 9:15	7.17	2.29	21.1	7.5	41.9	2261	3390	1.8			460			0.55	0.27	3.2	1.52	20
12/11/2001 9:54	6.93	5.24	43.1	5.4	48.1	406.9	659	0.3			260							
12/18/2001 9:25	6.96	9.27	69.2	3.1	599	240	415	0.2			460			1.78	0.39	1.92	0.61	327
1/8/2002 10:45	7.31	4.39	40.2	10.6	23	1138	1565	0.8			23							
1/22/2002 9:10	6.98	5.06	39.3	4.1	38.7	1756	2909	1.5			240			0.44	0.29	2.23	0.96	18
2/5/2002 9:15	7.03	4.42	35.5	5.6	23.2	1721	2741	1.4			93							
2/19/2002 9:40	7.39	5.56	46.5	7.4	0.78	1543	2323	1.2			240			0.33	0.46	1.91	1.41	55
3/5/2002 9:20	7.15	3.2	27.5	7	26.7	1114	1702	0.9			93							
3/19/2002 9:10	7.05	7.43	57.4	4	65	312.1	523	0.3			460			0.46			0.4	
4/2/2002 11:00	7.11	5.73	50.7	9.4	27.5	1383	1969	1			43							
4/16/2002 8:50	6.93	6.27	52	7.2	189	1118	1699	0.9			460			0.78	0.35	1.31	0.75	98
4/30/2002 9:30	7.37	2.21	21.6	12.2	329	2973	3448	1.7			1100							

Site Name: ESPSTG5  
 Site Location:  
 Map Number: 7

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
5/14/2002 9:10	7.31	5.12	49.2	12.3	23.1	4399	5830	3.2			93			0.26			1.32	9
5/28/2002 10:05	7.4	6.3	67.6	17.7	25.5	6130	7140	4			1100							
6/11/2002 9:25		7.33	79.1	17	18.1	8580	10140	5.7			1100			0.958	ND	ND	2.2	32
6/25/2002 9:50	7.5	2.33	29.4	20.2	6.11	11140	12290	7			460							
7/9/2002 9:40	7.33	2.99	31.9	16	9	5470	6600	3.6			460			1.2	ND	ND	2.1	9
7/23/2002 9:30	7.57	3.81	47.6	20.5	4.62	4770	5230	2.8			93							
8/6/2002 9:15	7.71	3.08	31.9	16.1	5.07	9090	10960	6.3			460			1.1	1.6	ND	1.4	19
8/20/2002 10:00	7.86	4.76	58	17.8	5.34	15030	17430	10.3			23							
9/3/2002 9:06	7.88	2.7	29.6	15.8	5.81	16400	19920	11.9			500			2.71	1.6	ND	0.46	25
9/17/2002 9:30	8.22	4.47	58.5	15.8	8.69	17930	21810	13.2			70							
10/1/2002 9:00	8.02	1.77	19.3	14.2	7.74	19560	24660	14.9			170			2	2.3	5.7	0.44	31
10/15/2002 9:45	7.59	3.05	28.6	8.4	12.1	13520	19780	11.7			140							
10/29/2002 8:55	7.67	3.4	28.7	5.7	14.5	10740	17180	10			8			0.94	ND	ND	3.6	36
11/12/2002 10:40	7.84	6.49	61.3	9.9	12.7	11170	15720	9.2			900							
11/25/2002 8:45	7.48	7.12	51.8	4.2	11.7	7260	11780	6.6			300			0.56	0.52	0.74	3.2	18
12/12/2002 8:30					18.5						240							
12/23/2002 8:50	7.11	2.5	20.6	4.9	24.8	7010	10820	6.1			80			0.55	ND	1.94	3.1	52
1/7/2003 9:35	7.15	3.85	30.9	4.2	16.4	1667	2796	1.5			80							
1/21/2003 9:10	7.06	2.83	23.4	7	13	1738	2805	1.5			30			0.21	ND	2.68	1.3	8
1/23/2003 9:35					290						900							
2/4/2003 11:00	6.96	3.88	32.6	5.9		887	1391	0.7			500							
2/18/2003 9:20	6.94	3.18	26.6	7.5		1181	1157	0.9			50			0.4	ND	3.8	1.2	29
3/4/2003 10:45	6.83	4.2	35.2	8.7	14.7	3126	4539	2.4			30							
3/18/2003 9:40	7.32	5.97	53	9.1	12.7	4291	6160	3.4			50			0.25	ND	1.48	1.6	22
4/1/2003 9:45	7.01	4.98	44.9	9.9	24.7	3619	4461	2.5			110							
4/15/2003 8:45	7.21	3.21	29.6	11.3	12.9	4119	5570	3			23			0.28	ND	1.06	1.8	17
4/29/2003 9:50	7.25	6.04	60.9	13.5	10.12	4516	5800	3.2			13							
5/13/2003 8:45	7.63	6.49	67.6	15.1	15.9	8270	1018	5.8						0.67	ND	ND	1.6	25
5/27/2003 10:00	7.92	7.1	97	19.5	11.2	24210	27430	17										
6/10/2003 8:50	7.66	1.36	43.6	17.1	11.1	11590	13620	7.9			2			2.1	1.8	ND	3.6	27
No.	79.00	79.00	78.00	80.00	80.00	80.00	48.00	80.00	0.00	0.00	78.00	0.00	0.00	41.00	31.00	25.00	38.00	38.00
Mean	7.53	5.76	56.88	11.80	36.70	7232.62	9514.23	5.46	#DIV/0!	#DIV/0!	350.60	#DIV/0!	#DIV/0!	0.96	0.68	2.08	1.50	49.71
SD	0.47	3.60	40.85	5.45	81.39	7157.65	8473.94	5.33	#DIV/0!	#DIV/0!	584.52	#DIV/0!	#DIV/0!	1.25	0.68	1.63	1.07	101.87
Max	8.90	19.37	260.90	26.70	599.00	31280.00	32250.00	20.30	0.00	0.00	2500.00	0.00	0.00	7.80	2.70	5.70	4.50	573.00
Min	6.83	0.04	0.60	3.10	0.78	9.32	415.00	0.20	0.00	0.00	2.00	0.00	0.00	0.21	0.08	0.10	0.09	5.00

Site Name: SBTG3  
 Site Location:  
 Map Number: 8

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 13:50	7.47	12.35		16	17.5	10160		6.5			15			0.44	0.43	ND	3.6	21
5/9/2000 12:35	7.48	4.29	51.6	11	23	18200		12.2			93			0.26	0.23	ND	3.7	12
6/5/2000 12:00	6.97	2.72	33.1	15.1	12.4	16260		13.7			460			0.45	0.27	ND	ND	11
7/5/2000 13:20	7.6	3.87	43.5	17.4	11.6	26140		16			4							
7/18/2000 12:55	7.8	3.75	41.5	17	16.1	26500		20.6			23							
8/1/2000 12:10	7.52	4.48	57	20.7	32	23220		15.5			23			1.14	0.8	ND	3.4	34
8/29/2000 10:25	8.23	10.31	115.6	15.6	6.69	12290		8.7			240			0.4	0.4	ND	0.9	ND
9/12/2000 10:30	7.83	2.04	42.4	17.2	7.29	23390		17			64							
9/25/2000 9:30	7.81	0.76	18.2	12	6.52	7220		5.4						0.5	0.48	ND	0.92	228
10/10/2000 9:45	7.34	3.93	40.7	12.6	12.6	23250		19.2			43							
11/20/2000 9:30	7.48	1.59	15	6.4	26.8	9690		8.7			3			0.5	0.27	0.4	3.05	40
12/5/2000 10:00	6.96	8.22	69.2	5.2	39.2	6560		6			150							
12/19/2000 14:30	6.6	5.13	45.3	6.6	44.6	4470		4			43			0.5	0.31	2.89	1.23	12
1/2/2001 11:10	7.01	5.1	46.6	7.2	42	9400		5.2			23							
1/23/2001 10:20	6.79	12.38	103.4	4.8	47.6	4266		3.8			460			0.48	0.27	2.94	1.22	36
2/6/2001 10:15	6.91	4.7	39.2	6.1	52.9	5710		5			1100							
2/20/2001 9:27	6.94	5.3	44.7	4.8	60.3	4300		3.8			240			0.5	0.3	2.47	1.51	42
3/6/2001 10:05	7.17	1.61	16.8	7.1	39.6	13760		12.6			1100							
3/20/2001 9:40	7.03	5.42	48.2	7.6	51.7	52.3		0			240			0.55	0.38	2.62	1.11	42
4/3/2001 11:10	6.36	4.87	44.8	9.4	41.7	7060		5.8			6							
4/17/2001 10:10	7.11	6.12	57.4	10.6	21.4	7700		6			460			0.54	0.3	0.9	2	30
5/1/2001 10:35	7.5	1.65	17.2	10.5	28.6	18120		15.2			460							
5/15/2001 9:15	7.59	0.68	7.5	11.3	28.2	10730		8.5			1100			0.73	0.44	0.05	2.01	40
5/29/2001 11:00	7.63	1.12	5.8	13.5	27.9	18770		14.7			240							
6/12/2001 9:20	7.03	7	63.6	10.6	142	1880		1.4			2500			0.84	0.31	1.1	0.59	103
6/27/2001 10:00	7.72	0.96	8	15.5	16.6	17560		13			240							
7/10/2001 9:30	7.88	1.81	23	17.9	24.3	21000		14.9			1100			1.36	0.93	ND	2.97	24
7/24/2001 10:35	8.07	4.07	40.4	17.7	23	21480		15.4			240							
8/7/2001 9:40	8.05	5.32	58.7	16.9	35.2	25100	29500	18.7			1100			1.98	1.11	ND	2.28	26
8/21/2001 10:55	8.2	6	69.3	16.2	35.6	25590	30770	19.2			23							
9/4/2001 9:30	7.88	1.39	15.8	15.9	15.6	21970	26480	16.3			460			1.7	0.93	ND	1.96	64
9/18/2001 10:15	7.91	0.16	1.8	15.3	8.55	20690	25340	15.7			240							
10/2/2001 9:30	8.25	1.62	17	12.7	14	18470	23940	14.4			240			1.36	1.28	ND	2.11	7
10/16/2001 12:05	7.88	6.87	58.2	10.6	10.35	222.7	305.9	0.1			43							
10/30/2001 9:15	7.16	4.65	41	9	19.5	4195	596000	3.2			43			0.44	0.24	2.3	1.05	ND
11/13/2001 10:05	7.45	2.85	27.5	10.8	47.9	10140	13860	8			43							
11/27/2001 9:25	6.79	5.64	47.4	7.2	60.9	1620	2433	1.3			460			0.34	0.17	1.7	0.56	38
12/11/2001 10:05	6.55	5.68	44.8	5.7	25	915	1495	0.8			120							
12/18/2001 9:45	6.71	9.67	72.7	3.4	153	408.9	699	0.3			150			0.76	0.26	1.12	0.58	59
1/8/2002 10:55	7.22	6.76	61.2	10.3	22.8	3512	4884	2.6			93							
1/22/2002 9:25	6.81	6.2	46.6	3.1	124	675	1160	0.6			93			0.52	0.27	1.26	0.24	61
2/5/2002 9:30	6.76	5.2	40.7	4.9	35.8	1077	1744	0.9			43							
2/19/2002 10:05	7.23	5.75	48.8	7.4	67.1	3751	5650	3.1			240			0.6	0.32	0.92	1.34	38
3/5/2002 9:35	7	5.59	46.2	6.5	33.5	63.2	96.5	0			75							
3/19/2002 9:30	6.75	8.23	58.8	3.5	57.7	449	764	0.4			460			0.4	0.18	0.52	0.28	
4/2/2002 10:45	6.78	5.4	48.1	8.8	29.8	3216	4604	2.4			43							
4/16/2002 9:45	6.84	8.6	70.5	6.4	270	572	890	0.4			75			1.18	0.44	0.38	0.43	160
4/30/2002 10:40	7.31	1.22	14.4	12.4	23	20350	26740	16.4			75							
5/14/2002 9:25	7.34	0.05	0.9	11.9	27.6	28900	38650	24.5			460			0.87	0.49	ND	2.22	6
5/28/2002 11:00	7.23	3.58	39.4	17	18.5	13080	15430	9			240							
6/11/2002 9:40		0.55	2.8	15.2	192	15640	19990	12.3			93			1.65	ND	ND	2	74
6/25/2002 11:20	8.09	5.4	67.2	18.1	16.8	25400	29400	18.4			75							

Site Name: SBTG3  
 Site Location:  
 Map Number: 8

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
7/9/2002 10:00	7.41	1.87	19.7	15	17.6	11870	14840	8.6			460			1.3	ND	ND	3	31
7/23/2002 9:45	7.83	5.66	66.2	18.9	12.7	16840	19460	11.7			240							
8/6/2002 9:40	8.02	7.17	77.4	14.6	12.2	15930	19880	11.9			460			1.5	ND	ND	1.5	60
8/20/2002 10:15	8.18	0.54	6.7	15.1	17.9	30410	37710	23.5			240							
9/3/2002 9:20	7.67	1.75	20.7	14.2	13.5	19630	24600	14.9			240			2.34	2	ND	2.5	54
9/17/2002 9:45	7.78	2.32	25.6	14.3	13.3	23390	29420	18.2			50							
10/1/2002 9:15	8.22	5.23	49	7.8	20.5	16400	24340	14.9			13			1.6	1.9	6.4	1.4	42
10/15/2002 10:00	7.71	4.47	41.6	8.3	9.81	23610	34700	21.7			13							
10/29/2002 9:12	7.43	2.84	25.2	6.5	15.9	11370	17300	10.1			50			0.42	ND	ND	2.8	35
11/12/2002 10:50	7.58	4.85	47.2	10.3	17.2	16050	22270	13.4			80							
11/25/2002 9:00	7.28	3.583	29.7	4.4	17.5	9600	15880	9.2			80			0.37	0.33	ND	2.8	35
12/10/2002 9:50	7.75	5.4	61.1	9.1	22.1	22160	33020	20.6			2							
12/12/2002 8:45					12.9						30							
12/23/2002 9:05	6.91	2.48	20.1	4.8	14.1	8170	13330	7.6						0.22	ND	1.31	1.4	32
1/7/2003 11:05	6.8	2.96	24.3	5.2	19.6	4740	7730	4.4			80							
1/21/2003 9:30	6.72	3.43	29.1	6.4	15.8	5010	8490	4.7			300			0.19	ND	1.78	0.83	19
1/23/2003 9:42					52.8						240							
2/4/2003 10:35	6.64	3.43	28.5	5.7		1910	3032	1.6			300							
2/18/2003 9:40	6.68	3.84	32.1	7		3020	4601	2.5			80			0.31	ND	0.87	0.87	36
3/4/2003 10:35	6.73	6.21	55.9	7.6	12.4	2842	4256	2.3			30							
3/18/2003 10:00	7.19	6.28	56.1	7.8	35.3	9140	13590	7.8			50			0.43	ND	0.29	2.2	73
4/1/2003 9:55	6.73	4.79	42.3	8.7	21.8	4202	6100	3.3			50							
4/15/2003 9:00	6.96	2.9	27.2	9.9	20.3	10900	15220	8.8			2			0.59	ND	ND	2.1	42
4/29/2003 10:00	7.16	5.47	55	12.3	38.1	8640	11330	6.4			280							
5/13/2003 9:00	7.17	2.59	25.2	12.2	21.3	10510	13930	8.1			8			0.3	ND	ND	1.7	27
5/27/2003 10:15	7.2	1.29	14.8	16.1	29.9	22800	25400	17			13							
6/10/2003 9:00	7.38	0.31	3.2	15.1	18	17640	21800	13.2			80			1	0.72	0.054	3.5	39
No.	76.00	77.00	76.00	77.00	77.00	77.00	49.00	77.00	0.00	0.00	77.00	0.00	0.00	40.00	30.00	21.00	39.00	37.00
Mean	7.33	4.29	39.78	10.83	35.72	12232.85	27409.27	9.54	#DIV/0!	#DIV/0!	248.42	#DIV/0!	#DIV/0!	0.79	0.56	1.54	1.79	46.84
SD	0.49	2.67	22.71	4.55	42.01	8681.64	83691.81	6.69	#DIV/0!	#DIV/0!	378.87	#DIV/0!	#DIV/0!	0.54	0.47	1.44	0.99	41.72
Max	8.25	12.38	115.60	20.70	270.00	30410.00	596000.00	24.50	0.00	0.00	2500.00	0.00	0.00	2.34	2.00	6.40	3.70	228.00
Min	6.36	0.05	0.90	3.10	6.52	52.30	96.50	0.00	0.00	0.00	2.00	0.00	0.00	0.19	0.17	0.05	0.24	6.00

Site Name: ESSC1.5  
 Site Location:  
 Map Number: 9

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 13:25	7.26	12.21		14	7.44	152.3		0.1			75			0.22	ND	0.2	0.2	6
5/9/2000 11:30	7.13	4.68	46.3	13	8.92	5460		3.2			23			0.07	0.07	ND	ND	9
5/23/2000 11:35	7.23	8.64	86.1	13.1	9.9	242.7		0.1			2500							
6/5/2000 11:25	6.44	2.52	25.8	16.5	11.6	858		0.5			460			0.23	0.27	ND	ND	12
6/20/2000 11:50	7.06	6.87	74.2	18.6	12.5	300.3		0.2			290							
7/5/2000 12:50	7.74	8.69	98.2	20.4	13.4	5850		3.5			23			0.11	0.1	1.7	0.1	10
7/18/2000 12:35	8.36	8.25	103.1	23.4	16	16970		10.3			240							
8/1/2000 12:00	8.65	10.57	136.6	25.1	11.1	19990		11.9			460			0.59	0.41	ND	0.2	27
8/15/2000 12:45	8.79	263.9	23.3	8.08	28590			18.3			43							
8/29/2000 10:40	8.32	4.8	51.1	17.8	6.17	11760		7.8			75			1.38	1.35	ND	0.4	25
9/1/2000 10:50	7.98	8.16	95.8	18.9	9.95	21400		14.8			460							
9/25/2000 9:50	8.52	14.26	148.5	13.7	3.73	18150		14			23			1.13	0.08	ND	0.21	788
10/10/2000 10:00	7.75	5.24	53.7	12.8	8.44	15620		12.2			240							
10/24/2000 9:30	7.46	2.82	26.4	9.8	48	12180		10.1			15			0.61	0.3	0.2	1.06	7
11/7/2000 10:10	7.46	3.05	26	7.3	37.8	4447		3.7			210							
11/20/2000 9:50	7.49	5.23	40.5	3	320	5430		5.3			120			0.83	0.17	0.24	1	610
12/5/2000 10:10	7.02	18.92	151.9	3.8	27.6	3860		3.5			150							
12/19/2000 14:45	7.52	6.94	64	5	26.9			0.4			1100			0.24	0.16	1.44	0.16	12
1/2/2001 11:30	7.47	10.68	84.8	5.9	23	400		0.3			93							
1/23/2001 10:05	7.09	12.67	97.7	3.9	12.7	73.2		0.1			1100			0.08	0.08	2.43	0.06	ND
2/6/2001 10:00	7.2	6.64	53.9	5.8	9.51	90		0.1			7							
2/20/2001 9:40	7.46	9.04	70.6	3.8	9.69	179		0.1			23			0.06	0.06	1.9	0.11	ND
3/6/2001 10:20	7.55	6.01	52	6.9	18.4	7680		6.7			9							
3/20/2001 9:50	7.46	8.33	70.1	7.8	10.98	68.8		0			43			0.2	0.2	1.93	0.07	ND
4/3/2001 10:55	7.04	6.3	56	8.8	6.27	88		0.1			43							
4/17/2001 9:55	7.17	0.37	3.8	10.9	4.81	200		0.1			43			0.09	0.32	0.5	0.21	7
5/1/2001 10:25	7.61	6.3	57.4	10.1	9.18	6000		3			460							
5/15/2001 9:45	7.62	3.47	34.3	12.7	29.7	6170		4.5			1100			0.37	0.29	0.16	0.62	55
5/29/2001 10:45	7.65	0.1	1.5	15.3	17.4	24860		19			93							
6/12/2001 9:35	7.15	4.63	43.5	11.5	9.92	3274		2.3			2500			0.45	0.35	0.2	0.61	12
6/27/2001 10:15	7.95	3.72	47.8	20.7	16.5	31340		21.6			290							
7/10/2001 9:45	8.08	2.63	40.2	24.7	15.7	35570		22.6			39			1.12	1.31	ND	0.31	12
7/24/2001 10:58	8.19	1.52	74.8	24.9	14.7	36440		23.1			150							
8/7/2001 9:55	8.11	9.2	104.4	19.8	11.3	542	575	0.3			23			1.21	1.21	ND	0.58	ND
8/21/2001 11:05	8.09	4.97	60.7	13.8	8.58	33040	38270	24.4			1100							
9/4/2001 9:45	7.83	1.95	24.4	19.5	8.02	31770	35560	22.5			43			1.86	1.11	ND	0.29	42
9/18/2001 10:25	7.89	2.9	33.2	15.7	12.8	27200	33090	20.8			28							
10/2/2001 9:40	8.05	4.24	44.9	12.5	14.2	23460	30840	19.2			1050			0.97	0.95	ND	0.5	21
10/16/2001 12:15	7.77	4.41	44.8	11.4	17.9	18200	24570	14.9			23							
10/30/2001 9:30	7.12	6.72	57.5	7.7	10.3	211.5	319.6	0.2			93			0.13	0.15	0.6	0.15	ND
11/13/2001 10:15	7.53	5.68	50.8	10.2	15.1	661	921	0.5			23							
11/27/2001 9:45	7.08	5.91	47.9	6.5	5.13	163.5	250.3	0.1			9			0.08	0.09	1.4	0.19	ND
12/11/2001 10:15	6.98	7.65	60.8	5	5.76	86.8	140.2	0.1			14							
12/18/2001 9:55	6.73	8.96	69.1	4.5	10.59	68.3	112.3	0.1			23			0.1	0.08	1.68	0.18	ND
1/8/2002 11:10	7.51	5.95	54	10.3	6.09	1065	1501	1.3			43							
1/22/2002 9:35	7.24	8.54	64.4	8.81	88.3	151.8	0.1				75			0.1	0.1	1.14	ND	ND
2/5/2002 9:40	7.03	9.4	73.1	4.8	6.6	81.3	132.5	0.1			15							
2/19/2002 10:15	7.5	8.63	71.1	6.9	6.9	295	445	0.2			15			0.06	0.1	1.09	0.14	ND
3/5/2002 9:45	7.22	5.79	46.3	5.7	6.09	584	888	0.5			43							
3/19/2002 9:45	7.03	8.33	63.9	3.7	10.51	101	169.9	0.1			23			0.12	0.08	0.88	0.06	
4/2/2002 10:25	7.05	9.56	82.9	8.9	8.59	83.1	120.5	0.1			23							
4/16/2002 9:00	7.06	8.36	69.9	7.6	11.4	76.3	114.4	0.1			15			0.16	0.06	0.69	0.21	ND

Site Name: ESSC1.5  
 Site Location:  
 Map Number: 9

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/30/2002 10:35	7.28	6.07	52.8	12.9	13.1	752	993	0.5			1100							
5/14/2002 9:35	7.37	4.49	44	11.7	7.96	396.1	517	0.3			460			0.24	0.09	ND	0.19	9
5/28/2002 10:50	6.86	5.8	62.6	18.7	13.7	2102	2745	1.2			93							
6/11/2002 10:00		7.26	82.4	20.4	6.78	4166	4472	2.4			150			0.229	ND	ND	0.3	10
6/25/2002 11:05	7.94	5.04	66.2	25.8	18.2	14200	14040	8.1			93							
7/9/2002 10:10	7.84	6.87	77.1	19.1	26.4	9990	11250	6.4			240			0.7	ND	ND	0.44	47
7/23/2002 9:55	8.16	8.78	105.6	24.4	26.4	23680	23980	14.5			75							
8/6/2002 9:50	8.02	3.51	40.1	17	11.3	21530	25420	15.6			460			1.7	ND	ND	0.39	40
8/20/2002 10:35	8.08	4.95	62.7	17.6	9.09	30180	35180	22.2			240							
9/3/2002 9:35	8.09	7.78	80.8	16.9	9.32	566	640	0.3			1600			1.87	2	ND	0.32	47
9/17/2002 9:55	7.94	4.03	48.7	15.7	11.1	29470	35860	22.7			500							
10/1/2002 9:30	8.16	8.04	81.6	10.7	7.21	23440	32240	20.1			80			0.91	0.99	ND	0.24	42
10/15/2002 10:15	8.08	6.73	68.5	10	5.15	23760	33340	20.8			23							
10/29/2002 9:25	7.65	4.58	43.5	6.8	325	21590	33120	20.5			280			0.86	ND	ND	1.9	308
11/12/2002 10:35	7.75	7.35	74	10.2	44.2	21730	30320	18.8			500							
11/25/2002 9:10	7.57	7.39	58.5	1.7	47.3	12750	23280	13.5			170			0.5	0.43	0.35	2.3	88
12/10/2002 9:40	7.85	8.18	74.1	6.7	36.4	10920	16790	9.8		1.7	70							
12/12/2002 8:50					33						170							
12/23/2002 9:15	7.31	7.09	54.4	3.1	41.6	2286	3953	2.1		1.55				0.37	ND	0.444	0.87	66
1/7/2003 10:50	6.86	5.28	40.7	4.4	68.1	4800	8040	4.4			70							
1/21/2003 9:40	7.05	6.28	52.6	6.1	19.8	5130	7960	4.4		2.7	80			0.2	ND	1.55	1	25
1/23/2003 9:50					6.64				3.1		900							
2/4/2003 10:20	6.94	6.88	57.3	5.2		140.6	226.6	0.1		3.35	30							
2/18/2003 9:50	6.95	6.95	57.2	6.8		199.8	307.1	0.1		3.1	80			ND	ND	1.18	0.18	ND
3/4/2003 10:25	6.67	7.04	59.3	7	5.65	1434	2794	1.6		2.5	2							
3/18/2003 10:15	7.41	7.33	64.3	8.7	5.02	127.6	187.3	0.1		2.05	11			ND	ND	0.73	0.08	6
4/1/2003 10:05	7.23	7.67	67.2	9.5	6.06	88.3	125.4	0.1		2.3	23							
4/15/2003 9:10	7.07	4.73	42.2	9.9	3.96	129.2	175.8	0.1		2.4				ND	ND	0.59	0.09	ND
4/29/2003 10:15	7.45	8.71	83.4	13.2	4.29	143.6	189.7	0.1		1.75								
5/13/2003 9:15	7.34	5.83	57.3	14.4	20.2	655	820	0.4		1.36	30			0.32	ND		0.12	42
5/27/2003 10:20	7.65	10.2	122.3	21.7	20	5470	5850	3.2		1.25	8							
6/10/2003 9:15	7.77	2.12	26	17.1	12.3	13210	15540	9.1		1.25	8			0.99	0.87	ND	0.44	36
No.	81.00	81.00	81.00	81.00	82.00	81.00	49.00	82.00	1.00	13.00	81.00	0.00	0.00	39.00	31.00	24.00	39.00	29.00
Mean	7.53	6.60	65.46	12.11	22.51	9216.13	10990.36	6.74	3.10	2.10	280.58	#DIV/0!	#DIV/0!	0.55	0.45	0.97	0.42	83.48
SD	0.48	2.99	35.25	6.39	49.16	11100.64	13679.20	8.12	#DIV/0!	0.69	489.85	#DIV/0!	#DIV/0!	0.53	0.51	0.66	0.48	180.98
Max	8.79	18.92	263.90	25.80	325.00	36440.00	38270.00	24.40	3.10	3.35	2500.00	0.00	0.00	1.87	2.00	2.43	2.30	788.00
Min	6.44	0.10	1.50	1.70	3.73	68.30	112.30	0.00	3.10	1.25	2.00	0.00	0.00	0.06	0.06	0.16	0.06	6.00

Site Name: ESED3  
 Site Location:  
 Map Number: 10

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
5/23/2000 11:30	6.98	6.35	61.9	14.1	5.58	131.5		0.1			120							
6/20/2000 11:40	7.02	2.85	29.4	16	8.73	134.7		0.1			210							
7/18/2000 12:25	7.09	1.96	22.6	20.5	22.4	5370		3.2			1100							
8/15/2000 12:30	7.35	3.67	49.3	24	7.59	21420		14			75							
9/12/2000 11:00	7.46	3.42	38.2	17.9	3.16	16980		10			1100							
10/10/2000 10:10	7.5	3.37	34.3	12.5	3.09	10680		8.1			1100							
11/7/2000 10:15	6.97	0.18	1.8	9.4	30.5	5770		4.6			1100							
12/5/2000 10:15	6.84			3.5	14.1	284.2		0.2			150							
1/2/2001 12:05	7.15	8.44	69.7	5.8	4.54			0.1			43							
2/6/2001 9:50	7.45	6.51	57.8	6	8.6	76.7		0.1			43							
3/6/2001 10:30	7.39	7.41	62.1	7.2	5.84	95.2		0.1			28							
4/3/2001 10:45	7.3	5.44	49.4	8.5	5.63	101.5		0.1			4							
5/1/2001 10:15	7.52	5.13	48.9	10	5.98	106		0.1			43							
5/29/2001 10:25	6.94	1.87	18.8	13.6	17.3	208.1		0.1			2500							
6/27/2001 11:00	7.29	1.79	19	16.7	16.2	208.9		0.1			1100							
7/24/2001 11:09	8.44	7.5	75.8	23.6	15.2	20310		12.4			210							
8/21/2001 11:25	8.34	3.15	41.9	16.1	5.85	30910	35530	22.5			240							
9/18/2001 10:30	7.9	2.16	24.9	16.1	11.7	25470	30630	19			93							
10/16/2001 12:20	7.73	3.26	31.8	11.9	5.94	14030	19090	11.2			21							
11/13/2001 10:22	7.23	3.78	35	9.5	6.75	252.2	353.8	0.2			21							
12/11/2001 11:00	6.75	7.85	62.2	5.1	5.73	69.9	112.6	0.1			9							
1/8/2002 11:15	7.19	6.08	56.17	10.1	4.76	115.4	161.2	0.1			43							
2/5/2002 9:50	6.87	8.42	65.9	4.9	5.71	72	116.9	0.1			23							
3/5/2002 10:00	7.08	6.18	49.7	5.8	5.07	101.7	160.9	0.1			4							
4/2/2002 10:13	7.04	8.63	75	8.6	9.16	95.6	135.4	0.1			15							
4/30/2002 10:30	7.07	4.28	40.1	12	5.29	137.4	182.3	0.1			4							
5/28/2002 10:45	7.13	4.01	40.7	15.9	9.62	185.3	224.9	0.1			93							
6/25/2002 10:45	7.12	2.63	30.4	21.8	14.7	4216	4361	2.5			460							
7/23/2002 10:05	7.31	5.79	69.6	22.6	9.27	10950	11540	6.3			460							
8/20/2002 10:40	8.14	5.95	72	19.3	4.19	27880	31280	19.6			14							
9/17/2002 10:05	7.88	2.73	32.7	17.2	1.1	30500	35890	22.7			80							
10/15/2002 10:20	8.44	11.41	113.6	10.8	1.04	21470	29850	19.6			50							
11/12/2002 10:10											80							
12/10/2002 10:39	7.48	10.09	103	6.2	6.58	10210	16190	9.4			13							
1/7/2003 10:40	6.91	8.37	65.7	4.3	6.9	219.2	362.7	0.2		2.3	2							
1/23/2003 10:00					174						50							
2/4/2003 10:15	6.95	8.39	68.8	5.5		86.9	138.6	0.1			50							
3/4/2003 10:15	6.57	6.85	59.3	6.8	2.32	114.3	175.4	0.1			50							
4/1/2003 10:15	6.8	7.8	68.7	9.3	6.08	101.1	145.2	0.1			30							
4/29/2003 10:20	7.18	6.94	65.3	12.4	3.66	243.7	319.1	0.2			13							
5/27/2003 10:30	7.32	2.68	31.9	17.9	16.2	503	580	0.3			170							
No.	39.00	38.00	38.00	39.00	39.00	38.00	23.00	39.00	0.00	1.00	41.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	7.31	5.35	51.14	12.29	12.72	6837.12	9457.83	4.82	#DIV/0!	2.30	268.63	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
SD	0.46	2.67	23.06	5.90	27.18	10096.40	13618.92	7.35	#DIV/0!	#DIV/0!	500.83	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max	8.44	11.41	113.60	24.00	174.00	30910.00	35890.00	22.70	0.00	2.30	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Min	6.57	0.18	1.80	3.50	1.04	69.90	112.60	0.10	0.00	2.30	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Site Name: ESBH4  
 Site Location:  
 Map Number: 11

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 12:45	7.36	7.29		11.5	26.9	130		0.1			75			ND	0.15	0.4		37
5/9/2000 11:25	7.14	4.27	34.8	10	9.74	131.7		0.1			9			0.15	0.15	0.2	ND	9
5/23/2000 11:15	7.01	4.54	42.3	12.5	8.76	2		0			120							
6/5/2000 11:15	6.27	3.38	19.2	14.2	12.9	15.5		0.1			1100			0.22	0.21	0.2	ND	ND
6/20/2000 11:15	6.98	1.94	19.1	14.1	14.7	135.2		0.1			75							
7/5/2000 11:55	6.91	0.85	8.5	14.5	20.1	206.7		0.1			75							
7/18/2000 11:35	6.94	0.64	8.6	15.6	47.6	236.9		0.1			150							
8/1/2000 11:00	6.85	0.87	9.2	17.1	159	280.5		0.2			2500			0.34	0.34	ND	0.7	38
8/15/2000 11:20	7.49	0.3	3.3	13.6	186	271.8		0.2			240							
8/29/2000 11:20	7.28	2.8	28.1	14	105.7	260		0.2			3			0.4	0.4	ND	0.3	50
9/12/2000 12:25	7.21	0.54	6.8	13.6	88.4	241.7		0.1			23							
9/25/2000 10:37	7.34	0.7	6.1	10	118	235.2		0.2			43			ND	ND	ND	0.83	32
10/10/2000 10:20	7.28	0.49	4.8	10.7	80.9	219.8		0.1			23							
10/24/2000 10:12	7.04	0.42	3.3	7.9	9.37	209.4		0.1			4			0.1	0.05	ND	0.72	9
11/20/2000 10:10	6.85	5.94	42.9	1.5	8.63	94.1		0.1			14			0.09	0.09	ND	ND	ND
12/19/2000 13:55	7.38	6.9	53	3.4	12.6	72.8		0.1			210			0.12	0.09	1.91	0.05	ND
1/2/2001 12:10	7.12	9.01	72.5	5.7	6.05			0.1			14							
1/23/2001 9:35	6.99	10.01	80.6	4	10.21	67.6		0.1			240			0.09	0.08	3.16	0.08	ND
2/6/2001 10:40	7.58	5.57	45	6	9.51	77.9		0.1			23							
2/20/2001 9:55	7.11	8.27	63.3	4.2	5.98	79		0.1			23			0.05	0.05	2.14	0.1	ND
3/20/2001 10:10	7.18	8.79	79.3	8.1	15.3	68.6		0			43			0.2	0.21	2.12	0.11	ND
4/3/2001 10:35	7.19	5.98	50.4	8	6.7	87.7		0.1			36							
4/17/2001 9:30	7.58	4.14	37.1	10.4	7.5	100		0.1			9			0.11	0.11	1	0.11	10
5/1/2001 10:55	7.6	6.4	58.4	9.8	12.8	73.8		0			93							
5/15/2001 9:50	7.61	3.45	31.3	10.8	21.9	170.3		0.1			1100			0.21	0.21	0.16	0.25	6
5/29/2001 10:00	7.29	1.73	16.3	11.7	34.3	191.9		0.1			23							
6/12/2001 10:05	7.41	4.22	42.4	10.1	27.8	131.4		0.1			150			0.24	0.16	0.3	0.24	14
6/27/2001 10:35	7.41	1.15	11.8	15	16.8	198.7		0.1			150							
7/10/2001 10:10	6.65	0.39	4.6	15.5	27	246.6		0.1			93			0.6	0.17	ND	0.3	18
7/24/2001 11:15	7.32	0.14	2	15.2	139	249.4		0.2			75							
8/7/2001 10:20	7.51	2.88	28.9	15.9	63.1	234.1	283.1	0.1			93			0.18	ND	ND	1.2	16
8/21/2001 11:50	7.59	3.24	34.6	15.3	31.8	217.2	266.5	0.1			240							
9/4/2001 10:05	7.02	1.66	16.5	14.6	42.8	290.7	362.7	0.2			ND			0.24	ND	ND	0.09	10
9/18/2001 10:50	7.41	0.95	9.5	13.7	76.7	274.2	350.8	0.2			15							
10/2/2001 10:00	7.64	3.48	30.7	9.6	52.1	221	312.6	0.1			27			0.14	0.07	ND	0.76	10
10/16/2001 10:10	7.32	2.09	18.9	9.9	84.8	137.2	192.6	0.1			7							
10/30/2001 9:55	6.97	5.79	48.6	7.5	8.5	72.1	108.3	0.1			23			0.11	0.07	0.5	0.05	ND
11/13/2001 10:35	7.12	1.69	15.1	9.9	3.54	113.7	159.9	0.1			3							
11/27/2001 10:05	7.01	5.08	41.6	6.7	3.26	76.6	117.9	0.1			15			0.05	0.07	1.3	0.14	ND
12/1/2001 10:35	6.82	8.34	62.2	5.2	7.5	56.2	89.2	0			23							
12/18/2001 10:05	6.52	7.36	57.7	5	8.86	61.2	99.3	0			23			0.11	0.07	1.71	0.4	ND
1/8/2002 11:35	7.14	5.8	51.4	9.9	5.92	102.3	144.1	0.1			43							
1/22/2002 9:55	6.98	8.78	66.4	3.5	8.29	64.6	109.6	0			23			0.08	0.08	0.96	ND	ND
2/5/2002 10:10	6.81	8.39	66.4	5.3	7.79	73.3	117.7	0.1			150							
2/19/2002 10:30	7.19	6.75	56.2	7.1	9.88	84.7	128.1	0.1			43			0.45	0.09	1.01	0.17	ND
3/5/2002 10:10	6.99	6.68	54.5	6.4	7.66	101.5	157.1	0.1			93							
3/19/2002 10:00	7.01	9.73	74.1	3.6	9.76	55.6	93.8	0			75			0.07	0.06	0.85	0.09	
4/2/2002 10:05	7	7.84	67.9	8.6	9.76	86.8	126	0.1			93							
4/16/2002 9:20	6.99	8.69	74.3	7.7	10.39	64.8	96.3	0			150			0.13	0.05	0.58	0.07	ND
4/30/2002 9:50	7.33	4.01	37	11.3	11.1	140.4	190.2	0.1			15							
5/14/2002 9:55	7.28	3.8	35	11	15.8	178.2	243.1	0.1			93			0.26	0.12	0.09	0.09	6
5/28/2002 10:25	7.07	2.45	22.6	15.4	20.6	190.3	233.3	0.1			1100							



Site Name: ESBH4  
 Site Location:  
 Map Number: 11

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
6/11/2002 10:20		1.12	11.1	14.8	39.3	250.4	308.8	0.1			460			0.299	ND			41
6/25/2002 10:10	6.9	0.35	4.2	15.7	37.1	295.5	359.1	0.2			460							
7/9/2002 10:20	6.92	2.01	21.9	15.9	51.4			0			240			ND	ND	ND	0.26	91
7/23/2002 10:40	7.16	0.14	2.7	16.4	138	298.1	358.3	0.2			93							
8/20/2002 10:50	7.45	2.27	24.3	14.8	104.7	484	604	0.3			39							
9/3/2002 9:50	7.28	0.97	9.5	14	12.5	300	380.8	0.2			300			ND	ND	ND	0.48	42
9/17/2002 10:20	7.27	0.33	4.7	13.4	223	314.6	405.6	0.2			1600							
10/1/2002 9:40	7.35	2.44	20.7	8.1	43.2	274.2	399.6	0.2			130			0.31	ND	ND	0.14	59
10/15/2002 10:30	7.75	2.62	23.1	6.2	38.7	261.3	402.8	0.2			8							
12/12/2002 9:00					12.9						4							
12/23/2002 9:30	6.2	5.67	41.9	3.2	5.49	102.8	176.9	0.1						0.14	ND	0.125	0.18	ND
1/7/2003 10:30	6.83	7.32	55.9	3.7	6.53	66	111.4	0.1			23							
1/21/2003 9:50	6.85	6.37	49.3	4.8	4.05	82.4	134.7	0.1			17			ND	ND	1.47	0.12	ND
1/23/2003 10:10					8.75						80							
2/4/2003 9:50	6.91	6.92	54.7	5.2		80.1	129.4	0.1			8							
2/18/2003 10:05	6.84	8.17	66.5	6.6		70.2	108.4	0.1			4			ND	ND	1.22	0.1	ND
3/4/2003 9:55	6.78	6.48	53.3	6.8	3.88	88	135.2	0.1			13							
3/18/2003 10:35	7.58	8.34	74	8.6	6.12	85	125.4	0.1			17			ND	ND	1.02	0.13	ND
4/1/2003 10:30	6.99	8.01	70.2	9.4	10.42	67.9	100.1	0			30							
4/15/2003 9:30	7.07	4.37	39.1	9.8	4.3	41.9	70.8	0.1			13			ND	ND	0.9	0.08	ND
4/29/2003 10:40	7.06	5.29	50.1	12.3	6.18	116	153	0.1			13							
5/13/2003 9:30	6.92	2.91	28.3	11.8	22.2						50			0.19	ND	ND	0.06	12
5/27/2003 10:40	7.15	2.89	30.1	15.3	3.19	214.2	265.5	0.1			80							
No.	72.00	73.00	72.00	73.00	73.00	70.00	41.00	72.00	0.00	0.00	73.00	0.00	0.00	29.00	24.00	23.00	33.00	19.00
Mean	7.13	4.27	35.98	10.12	34.68	155.36	212.49	0.11	#DIV/0!	#DIV/0!	174.86	#DIV/0!	#DIV/0!	0.20	0.13	1.01	0.27	26.84
SD	0.30	2.95	23.27	4.13	46.16	94.18	123.69	0.06	#DIV/0!	#DIV/0!	395.51	#DIV/0!	#DIV/0!	0.13	0.09	0.79	0.28	22.74
Max	7.75	10.01	80.60	17.10	223.00	484.00	604.00	0.30	0.00	0.00	2500.00	0.00	0.00	0.60	0.40	3.16	1.20	91.00
Min	6.20	0.14	2.00	1.50	3.19	2.00	70.80	0.00	0.00	0.00	3.00	0.00	0.00	0.05	0.05	0.09	0.05	6.00

Site Name: CCCR1.0  
 Site Location:  
 Map Number: 12

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 13:05	7.27	10.77		11	8.5	167.6		0.1			23			0.08	ND	0.6	0.2	11
5/9/2000 12:15	7.46	8.43	77.9	10	8.43	773		0.5			9			ND	ND	0.4	ND	4
6/5/2000 11:40	6.73	7.27	71.4	14	8.53	523		0.3			150			0.09	0.09	0.3	ND	ND
7/5/2000 12:30	7.31	6.42	66.8	15.9	6.08	3845		2.5			720							
7/18/2000 12:00	7.12	4.85	56.5	19.4	4.8	11800		7.1			240							
8/1/2000 11:45	7.38	5.46	61.2	20.7	5.04	4350		2.5			93			0.26	ND	ND	0.2	9
8/29/2000 10:55	7.37	3.15	36.3	17.3	4.94	11090		7.5			75			0.14	ND	ND	0.4	15
9/25/2000 10:15	7.39	5.98	59.9	13.7	4.08	13040		9.7			43			0.1	ND	ND	0.22	410
10/24/2000 9:50	7.36	6.58	56.8	8.8	13	293.3		0.2			93			0.16	0.08	0.42	0.09	8
11/20/2000 10:45	6.85	6.79	51.9	3.6	7.04	3998		3.5			64			0.09	0.07	0.94	0.08	ND
12/19/2000 14:05	7.47	8.69	69	4.8	2.24	4418		4.1			39			0.05	0.05	1.94	ND	ND
1/23/2001 9:50	7.46	17.61	136.2	4.3	2.04	132.2		0.1		4.75	4			0.05	ND	1.92	ND	ND
2/20/2001 10:07	7.08	10.55	79.4	3.3	8.29	304		0.3		3.6	23			0.05	0.05	1.94	0.14	ND
3/6/2001 10:50	7.41	7.54	63.7	6.2	6.27	377.4		0.3		4	4							
3/20/2001 10:20	7.42	10.16	84.3	7.3	8.53	71.1		0.1		2.5	9			0.23	0.13	1.93	0.16	ND
4/3/2001 10:20	7.43	8.81	72.2	6.9	6.97	78.9		0.1		2.85	4							
4/17/2001 9:45	7.72	8.28	72.6	9.5	8.98	100		0.1		2	460			0.08				
5/1/2001 10:05	7.59	9.09	78.4	9.1	10.69	142.3		0.1		3.18	460				0.09	1.1	0.12	12
5/15/2001 10:10	7.54	6.97	62.5	10.6	20.4	706		0.5			1100			0.13	0.15	0.55	0.15	15
5/29/2001 10:20	7.11	7.19	68.6	11.7	3.66	8470		7.5			460							
6/12/2001 10:15	7.47	9.48	84.1	9.8	231	58.2		0			2500			0.32	0.14	1.2	0.15	211
6/27/2001 10:45	7.42	7.04	71.4	15	8.32	2181		1.4			210							
7/10/2001 10:20	7.07	6.62	70.4	16.8	4.27	6450		4.2			1100			0.49	0.09	0.4	0.08	ND
7/24/2001 11:30	7.27	5.57	62	17.9	4.36	8190		5.3		1.15	93							
8/7/2001 10:40	7.37	4.94	53.6	17.1	6.26	8870	10430	5.9		1.1	460			ND	0.11	0.2	0.19	ND
8/21/2001 12:05	7.45	5.07	56.1	16.6	5.16	7920	9430	5.3		0.9	290							
9/4/2001 10:25	7.23	5.53	56.6	15	3.06	7270	8920	5		1.25	240	0.2	0.54	0.36	0.15	0.2	0.14	8
9/18/2001 11:05	7.52	5.17	52.6	14.2	7.69	10690	12830	6.7		1.1	150							
10/2/2001 10:25	7.49	3.82	39.3	11.9	3.35	12810	15000	8.3		1.15	4	0.3	1.52	0.06	0.12	0.3	0.31	ND
10/16/2001 12:30	7.68	5.29	46.5	9.8	6.8	350.4	493.3	0.2		1.1	93							
10/30/2001 10:05	7.25	12.22	102.6	7.7	6.01	90.3	134.6	0.1		1.59	9	1.6	ND	0.05	ND	1.6	0.07	ND
11/13/2001 10:55	7.25	5.3	46.9	9.4	10.13	2307	3270	1.7		2.18	43							
11/27/2001 10:15	7.17	8.46	69.4	6.8	16.5	67	102.7	0		2.84	43	1.5	0.7	0.05	0.06	1.5	0.1	ND
12/11/2001 10:45	7.06	9.72	77.7	5.8	7.2	52.9	83.4	0		4.22	14							
12/18/2001 10:15	6.71	10.06	81.2	6.1	6.48	181.7	282.6	0.1		6.56	43	1.77	0.77	0.1	0.05	1.77	0.07	ND
1/8/2002 11:45	7.5	11.83	101.4	9.3	3.3	7	10.2	0		4.7	43							
1/22/2002 10:07	7.53	11.36	86.7	3.9	5.78	165	264.7	0.1		0.7	43			0.06	0.06	1.03	ND	ND
2/5/2002 10:20	7.1	11.66	94	5.9	3.19	473	759	0.4		4.9	4							
2/19/2002 10:45	7.41	10.33	85.1	6.8	2.2	358	545	0.3		4.58	9			0.09	ND	1.04	ND	ND
3/5/2002 10:25	7.47	11.45	92.8	5.5	1.01	281.7	426	0.2		5.5	ND							
3/19/2002 10:15	7.04	11.26	86.3	3.4	15.2	33.9	71.8	0		2.8	93	0.83	0.66	0.11	0.06	0.83	0.08	
4/2/2002 10:00	7.08	9.98	80.9	6.3	7.7			0.1			ND							
4/16/2002 9:30	6.88	10.42	85.6	6.9	24.2	13.1	18.8	0		3.2	93	0.83	0.7	0.09	0.06	0.83	0.05	13
4/30/2002 10:08	7.19	8.24	74.3	10.5	10.94	232.6	321.4	0.2		1.9	43							
5/14/2002 10:10	7.18	7.75	70.4	10.3	14.6	370.4	514	0.2		1.45	460	0.36	0.7	0.16	0.07	0.36	0.27	ND
5/28/2002 10:35	6.88	6.12	61.3	15	9.73	655	808	0.4		1.2	240							
6/11/2002 10:40		5.13	51.6	15.5	14.1	1022	1245	0.6		1.26	460	0.18	0.7	0.108	ND	0.18	0.3	ND
6/25/2002 10:25	6.99	4.72	51.3	18.3	10.15	4462	5120	2.8		1.3	240							
7/9/2002 10:40	7.1	6.5	64.3	14.5	13.1	260.7	326.9	0.2		1.5	460	0.27	0.9	0.27	ND	0.27	0.27	ND
7/23/2002 10:50	7.3	5.84	66.9	21	4.22	9940	10760	6.1		1.25	23							
8/6/2002 10:25	7.44	5.02	52.7	15.9	3.57	9300	11190	6.4		1.2	460	ND	0.6	0.1	ND	ND	0.18	15
8/20/2002 11:15	7.773	4.5	52.1	18	3.6	14800	16850	9.9		1.1	23							

Site Name: CCCR1.0  
 Site Location:  
 Map Number: 12

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
9/3/2002 10:05	7.43	5.06	54.9	15.5	2.58	9850	12050	6.9		1.1	1600		0.8	ND	ND	ND	0.15	11
9/17/2002 10:30	7.48	5.5	56.1	14.9	1.7	8860	10860	6.2		1.1	900							
10/1/2002 9:50	7.38	6.75	61.8	10.2	4.15	5490	8060	4.6		1.02	500	0.298	0.5	0.1	ND	0.12	0.11	10
10/15/2002 10:45	7.54	3.54	32.9	9.3	5.48	8930	12760	7.4		0.8	170							
10/29/2002 9:45	7.49	3.69	35.9	7.6	38.4	24260	36360	22.8		1.49	70	ND	1	0.55	ND	ND	0.11	45
11/12/2002 10:25	7.77	7.19	83.5	10	17.9	32280	45230	29.1		2.5	80							
11/25/2002 9:40	7.39	8.84	78.4	3.9	7.97	21410	35670	22.2		2.71	110	0.72	1	0.32	0.13	0.72	0.55	39
12/10/2002 10:28	7.52	8.94	85.5	6.6	5.63	23420	36060	22.6		2.1	130							
12/12/2002 9:10					11.2						500							
12/23/2002 9:40	7.04	11.31	88.9	4.5	1.86	1093	2008	1.2		3.25		1.78	1	ND	ND	1.78	0.34	ND
1/7/2003 10:20	7.41	10.24	78.5	4.6	3.73	287.3	423.1	0.2		0.8	30							
1/21/2003 10:10	7.03	9.47	78.1	5.6	2.88	2447	5530	3.6		3.6	17	1.6	2	ND	ND	1.6	0.24	ND
1/23/2003 10:20					8.64					5.3	170							
2/4/2003 10:05	7.35	11.03	88.9	5.6		2613	4461	1.8		4.4	13							
2/18/2003 10:15	6.65	9.7	78.5	6.1		446.8	700	0.3		3.6	13	1.61	0.9	ND	ND	1.61	0.11	6
3/4/2003 10:05	6.62	8.44	67.9	5.9	13.7	450.7	718	0.4		2.8	2							
3/18/2003 10:45	7.12	9.77	83.4	7.8	14.5	152.3	227.1	0.1		1.6	8	0.99	0.6	ND	ND	0.99	0.12	14
4/1/2003 10:45	7.12	9.81	83.5	8.3	21.6	109.4	155.9	0.1		2.15	30							
4/15/2003 9:40	6.79	7.5	66.3	9.2	9.47	452.1	646	0.3		1.75	4	0.68	2	ND	ND	0.68	0.07	8
4/29/2003 10:50	7.07	8.95	83.4	11.5	8.89	286.5	385.3	0.2		1.3	23							
5/13/2003 9:45	6.8	6.2	58.6	12.2	8.19	735	972	0.5		1.2	30	0.11	1.8	0.12	ND	0.11	0.09	ND
5/27/2003 10:50	7.33	7.22	73.2	15.5	9.8	818	1000	0.5			110							
6/10/2003 9:40	7.28	3.82	40.2	16.2	7.85	6600	7910	4.4			8	0.258	1.1	0.2	0.16	0.238	0.46	12
6/24/2003 8:30	7.17	4.98	50	15	6.96	57600	71200	3.9		0.93	130							
No.	73.00	74.00	73.00	74.00	74.00	73.00	49.00	74.00	0.00	56.00	73.00	19.00	21.00	33.00	21.00	35.00	35.00	20.00
Mean	7.27	7.77	69.34	10.55	11.28	5248.41	8240.69	3.49	#DIV/0!	2.36	228.86	0.84	0.98	0.16	0.09	0.90	0.18	43.80
SD	0.26	2.66	17.67	4.78	26.57	9038.76	14098.86	5.76	#DIV/0!	1.46	400.37	0.62	0.46	0.13	0.04	0.63	0.12	97.28
Max	7.77	17.61	136.20	21.00	231.00	57600.00	71200.00	29.10	0.00	6.56	2500.00	1.78	2.00	0.55	0.16	1.94	0.55	410.00
Min	6.62	3.15	32.90	3.30	1.01	7.00	10.20	0.00	0.00	0.70	2.00	0.11	0.50	0.05	0.05	0.11	0.05	4.00

Site Name: EFMS2  
 Site Location:  
 Map Number: 13

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
5/23/2000 13:10	7.34	10.36	113	19.4	25.5	980		0.6			23							
6/20/2000 12:50	7.31	2.3	68.1	18.3	24	2923		1.8			240							
7/18/2000 14:10	7.65	5.55	61.5	20.2	18.4	2807		1.6			210							
9/12/2000 11:15	7.69	2.16	22.9	16.8	13.8	6090		3.9			75							
11/7/2000 10:45	7.37	5.09	43.2	8	20.4	2610		2			9							
12/5/2000 10:30	6.79	9.24	64.2	5.4	17	1816		1.5			9							
1/2/2001 12:30	7.1	5.38	44.1	6.6	32.7	900		0.7			23							
2/6/2001 11:00	7.36	4.03	32.4	6.1	47.7	1004		0.8			75							
3/6/2001 11:20	7.06	0.94	8.7	7.8	41.2	1171		0.9			240							
4/3/2001 11:25	6.43	5.36	46.5	8.9	28.1	1482		1.1			23							
5/1/2001 11:00	7.81	7.75	64.8	10.5	64.9	2473		1.9			240							
5/29/2001 11:20	7.48	8.67	84.3	14.5	24.6	2002		1.3			240							
6/27/2001 11:10	7.5	4.51	52.5	17.5	58.6	22950		16.5			460							
7/24/2001 11:52	7.49	0.65	4.3	22.8	10.54	4900		3.3			93							
8/21/2001 12:36	7.9	6.13	70.1	19.2	27.6	13660	15270	8.9			150							
9/18/2001 11:20	7.85	9.44	103.2	16.8	19.4	12100	14400	8.4			93							
10/16/2001 11:45	7.56	1.72	16.9	12.8	11.9	9810	13070	7.9			1100							
11/13/2001 11:25	7.5	3.33	30.1	10.6	18.4	1902	2570	1.3			93							
12/11/2001 11:05	6.95	5.1	40.7	5.5	52.3	440	663	0.4			160							
1/8/2002 12:00	7.18	3.32	30.3	10.7	25.2	798	1064	0.5			150							
2/5/2002 10:40	6.89	5.23	41.7	5.6	29.9	696	1054	0.5			43							
3/5/2002 10:50	7.14	3.68	31.6	7.4	33.6	787	1176	0.6			460							
4/2/2002 11:25	7.03	4.94	43.6	9.6	33.9	722	1103	0.6			93							
4/30/2002 11:00	7.25	5.15	49	12.3	36.1	1543	2047	1.1			1100							
5/28/2002 11:10	7.23	4.79	49.8	17.3	18.1	5.24	6.16	3.4			1100							
6/25/2002 11:50	7.55	0.15	2	24.2	11.5	15980	17120	9.6			75							
7/23/2002 11:05	7.42	1.85	22.8	22.4	7.02	4603	4764	2.7			93							
8/20/2002 12:30	7.65	1.1	14.7	24.3	7.26	27080	28030	17.3			43							
9/17/2002 10:45	7.47	0.6	6.6	15.2	16.5	9180	11330	6.5			500							
10/15/2002 11:15	7.61	0.09	1.2	12.5	6.2	22520	29590	18.3			1600							
11/12/2002 10:50	7.74	4.48	41.3	10.1	7.79	3718	5160	2.8			50							
12/10/2002 10:49	7.58	3.58	30.2	7	18.3	2177	3308	1.7			500							
1/7/2003 11:15	7.23	2.03	16.3	6.3	32.1	1311	2119				110							
1/23/2003 10:35					60						1600							
2/4/2003 11:05	6.92	2.57	20.7	5.7		656	1040	0.5			170							
3/4/2003 10:50	6.91	1.85	15.4	8	20.1	1328	1978	1			30							
4/1/2003 11:00	6.9	3.97	35.2	9.5	29.4	750	1032	0.5			80							
4/29/2003 11:10	7.03	4.09	41.9	13.2	15.5	2369	3397	1.8			30							
5/27/2003 11:00	7.27	3.65	39.3	17.8	16.9	2480	2602	1.6			13							
No.	38.00	38.00	38.00	38.00	38.00	38.00	24.00	37.00	0.00	0.00	39.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	7.32	4.07	39.61	12.81	25.85	5019.03	6828.88	3.67	#DIV/0!	#DIV/0!	292.21	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
SD	0.33	2.60	26.06	5.84	15.08	6872.10	8546.71	4.84	#DIV/0!	#DIV/0!	423.20	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max	7.90	10.36	113.00	24.30	64.90	27080.00	29590.00	18.30	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Min	6.43	0.09	1.20	5.40	6.20	5.24	6.16	0.40	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Site Name: SRFM3.0  
 Site Location:  
 Map Number: 14

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 15:00	7.43	11.31		10.5	5.83	65.2		0			23			0.11	ND	0.5	0.2	11
5/9/2000 13:45	7.95	9.66	84.1	9.5		61.2		0			460			ND	ND	0.5	ND	5
5/23/2000 13:15	7.54	9.59	91.1	13.1	5.65	67.7		0			43							
6/5/2000 13:05	7.65	9.42	91.5	14.1	4.69	75.4		0			240			0.07	ND	0.5	ND	5
6/20/2000 13:00	7.4	9.62	95.1	14.3	5.52	70.5		0			64							
7/5/2000 14:45	8.71	11.83		15.1	3.1	95.4		0.1			39			ND	ND	0.6	ND	ND
7/18/2000 14:50	8.6	11.83	123.5	17.4	2.7	109.1		0.1			75							
8/1/2000 13:20	8.32	12.57	136.5	19.2	2.93	118.3		0.1			43			0.22	0.2	ND	0.1	7
8/15/2000 13:45	8.49	11.56	117	15.8	2.34	117		0.1			23							
8/29/2000 9:05	7.57	8.89	85.4	13.5	4.06	100		0.1			150			0.46	ND	0.6	0.2	14
9/12/2000 11:25	8.06	10.27	97.7	13	5.55	81.9		0.1			210							
9/25/2000 10:50	7.98	12.58	116.5	11.2	4.3	93.1		0.1			43			ND	ND	0.6	ND	ND
10/10/2000 10:40	7.63	8.37	75.6	10.9	10.17	75.3		0			39							
10/24/2000 10:35	7.38	9.42	81.6	9	4.25	56.5		0			93			0.06	ND	0.49	0.06	ND
11/7/2000 10:55	7.41	10.04	83.7	7.6	3.75	65.5		0			240							
11/20/2000 10:50	6.97	9.41	73.2	4.5	3.33	70.6		0.1			43			ND	ND	0.75	ND	ND
12/5/2000 10:45	7.17	16.7	128.5	4.6	4.32	50.9		0			240							
12/19/2000 12:55	7.75	11.09	83.7	3.8	7.27	41.3		0			460			0.05	0.05	1.16	0.06	5
1/2/2001 12:45	7.75	10.54	84.5	5.9	5.23			0			460							
1/23/2001 10:45	7.21	10.61	82.85	4.3	10.27	48.6		0			460			ND	ND	1.44	0.07	7
2/6/2001 11:10	7.9	11.59	91.9	5.5	10.2	45.6		0			43							
2/20/2001 10:24	7.47	11.86	92.2	4.5	7.63	57.6		0			150			ND	ND	1.14	0.11	ND
3/6/2001 11:30	7.72	11.34	94.1	7	4.38	60.2		0			120							
3/20/2001 10:40	7.6	11	91	7.2	14.7	1.6		0			23			0.2	0.14	1.19	0.22	18
4/3/2001 11:30	7.26	10.6	87.6	7.1	7.19	50.1		0			38							
4/17/2001 10:35	7.64	10.3	92	10.3	7.34	0		0			93			0.08	0.09	0.8	0.1	14
5/1/2001 11:05	8.19	12.38	107	8.9	17.6	44.3		0			2500							
5/15/2001 10:25	7.88	10.28	91.5	10.1	44.3	45.3		0			2500			0.1	0.18	0.65	0.12	52
5/29/2001 11:35	7.55	9.84	91.7	12.2	3.91	71.8		0			240							
6/12/2001 10:30	7.35	10.35	92.6	9.9	128	41.9		0			2500			0.39	0.11	0.7	0.19	146
6/27/2001 11:15	7.86	14.16	137.8	13.9	3.72	81		0.1			150							
7/10/2001 10:35	7.74	13.77	140.5	16.4	3.31	97.3		0.1			75			0.05	ND	0.5	ND	ND
7/24/2001 12:03	8.11	10.18	105.7	17.2	4.22	112.1		0.1			75							
8/7/2001 10:55	7.9	9.98	101.3	15.8	3.3	107.2	129.8	0.1			43			ND	ND	0.5	0.18	ND
8/21/2001 12:45	7.83	8.81	89.4	14.8	3.38	112.6	139.9	0.1			460							
9/4/2001 10:50	7.55	10.34	100.8	14	3.41	97.2	123.2	0.1			75			0.2	ND	0.5	0.1	ND
9/18/2001 11:30	7.94	9.64	92.3	13.3	3.15	91.7	117.8	0.1			75							
10/2/2001 10:40	8.03	9.72	89	11.2	4.01	83.3	113.1	0.1			93			ND	ND	0.5	0.15	5
10/16/2001 11:30	7.84	8.56	75.7	9.9	4.87	76.2	107.1	0.1			240							
10/30/2001 10:30	7.95	13.89	116.9	8	7.95	50.4	74.6	0			23			ND	ND	0.9	0.05	9
11/13/2001 11:10	7.88	9.47	83.7	9.9	4.6	64.9	91.2	0			150							
11/27/2001 10:30	7.86	11	90.7	6.9	9.82	47.2	72.2	0			240			ND	0.05	0.9	0.1	ND
12/11/2001 11:15	7.32	11.46	91.4	5.7	11.7	43.4	68.8	0			75							
12/18/2001 10:30	6.86	11.38	89.5	5.1	3.47	34.1	55	0			43			0.1	0.09	1.01	0.11	38
1/8/2002 12:10	7.5	13.83	118.5	8.5	56.8	35.5	51.9	0			75							
1/22/2002 10:30	7.34	11.57	88.7	4.2	9.15	45.3	75.2	0			23			0.06	0.06	0.97	ND	9
2/5/2002 10:50	7.22	12.99	101.4	4.8	8.87	43.7	71.1	0			23							
2/19/2002 11:20	7.65	10.06	82.5	6.8	10.11	49.5	75.9	0			23			ND	ND	0.89	0.07	6
3/5/2002 11:00	7.44	10.93	88.7	6.4	7.16	53.8	83.5	0			23							
3/19/2002 10:45	7.11	12.02	92	4	18.2	50	83.5	0			150			0.1	0.05	0.76	0.18	
4/2/2002 11:30	7.41	11.68	96	6.8	8.05	48.3	74	0			15							
4/16/2002 10:05	7.28	11.97	98.6	7	24.2	38.1	58.2	0			23			0.11	ND	0.64	ND	33

Site Name: SRFM3.0  
 Site Location:  
 Map Number: 14

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/30/2002 11:10	7.53	9.74	88.4	11.1	5.36	69.5	94.7	0			43							
5/14/2002 10:30	7.51	10.49	92.8	9.9	19	54.4	76.5	0			460			0.08	ND	0.49	0.06	22
5/28/2002 11:20	7.53	10	96.1	13.6	4.79	69.2	53.3	0			93							
6/11/2002 11:00		10.21	98.9	13.8	3.31	85.5	108.6	0.1			93			ND	ND	0.5	0.1	ND
6/25/2002 12:00	8	11.79	121.2	16.7	3.29	94.6	112.4	0.1			93							
7/9/2002 11:00	7.67	11.03	107.1	13.9	7.44	77.1	97.8	0			460			ND	ND	0.45	0.07	7
7/23/2002 11:15	7.75	11.26	121	18.5	4.16	117	133.5	0.1			150							
8/6/2002 10:45		9.59	90.2	13.3	2.68	96.3	123.8	0.1		1.2	460	0.53	ND	ND	ND	0.53	0.06	ND
8/20/2002 12:10	7.95	10.16	100.7	15.3	2.27	118	145	0.1			75							
9/3/2002 10:25	7.64	8.61	83.6	13.9	3.93	110.6	140.2	0.1			500			ND	ND	0.6	0.1	ND
9/17/2002 11:00	7.7	9.51	91.2	13.3	5.07	106.8	137.6	0.1			70							
10/1/2002 10:15	7.55	10.28	91.3	10.1	5.7	98.6	137.9	0.1			22			ND	ND	0.67	0.1	8
10/15/2002 11:25	7.91	12.3	104.9	8.5	3.2	91.6	133.5	0.1			34							
10/29/2002 10:00	7.35	9.43	78.5	7.3	25	395.2	577	0.3			17			0.16	ND	0.78	0.2	84
11/12/2002 10:55	7.77	10.27	91.8	9.3	33.4	3243	4597	2.5			500							
11/25/2002 10:00	7.72	12.37	98.1	5.3	4.26	87.2	139.9	0.1			110			ND	ND	0.65	0.11	6
12/10/2002 10:56	7.89	11.71	96.6	6.2	19.1	3882	6060	3.3			500							
12/12/2002 9:20					18.1						300							
12/23/2002 10:00	7.44	11.77	91.3	4.9	4.76	53.1	86.1	0						ND	ND	0.767	0.11	ND
1/7/2003 11:25	7.91	13.83	108.3	4.9	5.51	47.4	76.8				13							
1/21/2003 10:30	7.31	11.12	89.2	5.8	3.9	55.5	87.7	0			8			ND	ND	3.78	0.09	ND
1/23/2003 10:40					30.7						110							
2/4/2003 11:10	7.74	12.34	98.1	5.5		45.9	73	0			30							
2/18/2003 10:45	6.97	11.91	96.4	6.3		48.7	75.7	0			50			ND	ND	1.06	ND	13
3/4/2003 11:00	7.24	11	91.5	6.9	5.64	62.3	95.3	0			30							
3/18/2003 11:15	7.49	12.59	106.9	8.1	10.22	53.7	79.4	0			23			ND	ND	0.77	0.06	16
4/1/2003 11:10	7.57	11.88	102.4	8.4	15.4	44.7	65.6	0			30							
4/15/2003 10:00	7.06	9.77	85	9.2	8.22	63.6	86.4	0			30			ND	ND	0.69	ND	14
4/29/2003 11:20	7.62	11.9	110.3	11.7	6.65	70.7	94.8	0			23							
5/13/2003 10:00	7.15	9.36	86.6	11.9	4.78	81.6	108.6	0.1			70			ND	ND	0.54	ND	ND
5/27/2003 11:11	7.7	10.54	104.7	14.9	4.19	92	113.6	0.1			50							
6/10/2003 10:00	7.68	8.55	84.6	14.8	4.24	110.7	137.6	0.1			170			ND	0.06	0.608	0.08	6
No.	80.00	81.00	80.00	82.00	81.00	81.00	49.00	80.00	0.00	1.00	83.00	1.00	0.00	18.00	11.00	41.00	31.00	26.00
Mean	7.64	10.94	96.78	10.05	10.23	160.14	320.72	0.11	#DIV/0!	1.20	222.22	0.53	#DIV/0!	0.14	0.10	0.79	0.11	21.54
SD	0.35	1.50	14.10	4.07	16.15	548.88	1056.92	0.46	#DIV/0!	#DIV/0!	467.52	#DIV/0!	#DIV/0!	0.12	0.05	0.53	0.05	31.03
Max	8.71	16.70	140.50	19.20	128.00	3882.00	6060.00	3.30	0.00	1.20	2500.00	0.53	0.00	0.46	0.20	3.78	0.22	146.00
Min	6.86	8.37	73.20	3.80	2.27	0.00	51.90	0.00	0.00	1.20	8.00	0.53	0.00	0.05	0.05	0.45	0.05	5.00

Site Name: SRTR4.5  
 Site Location:  
 Map Number: 15

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 15:20	7.5	10.42		10.5	6.82	63.9		0			23			0.12	ND	0.5	0.2	8
5/9/2000 14:00	7.73	9.81	87.1	9	6.6	18.9		0			11			ND	ND	0.5	ND	5
5/23/2000 13:30	7.4	9.52	89.8	12.8	5.26	66.4		0			43							
6/5/2000 13:15	7.71	9.33	90	13.8	4.73	74		0			150			0.08	ND	0.5	ND	ND
6/20/2000 13:10	7.63	9.2	89.1	13.9	4.98	69.5		0			75							
7/5/2000 15:00	7.59			14.5	4.6	93.4		0.1			120			ND	ND	0.5	ND	7
7/18/2000 15:00	7.96	11.58	117	16.3	1.85	105.4		0.1			93							
8/1/2000 13:35	7.78	11.53	121.8	17.9	2	112.4		0.1			240			0.35	0.34	ND	0.1	6
8/15/2000 14:05	8.32	11.7	114.8	14.6	2.22	111.8		0.1			240							
8/29/2000 9:50	7.63	9.76	92.9	13	4.23	100		0.1			460			0.09	ND	0.5	0.2	7
9/12/2000 11:35	7.81	9.46	89.3	12.6	4.29	80.9		0.1			1100							
9/25/2000 11:05	7.83	12.37	110.9	10.8	2.58	1.6		0			23			ND	ND	0.6	ND	ND
10/10/2000 10:55	7.35	7.88	70.9	10.7	8.35	74.5		0			39							
10/24/2000 10:45	7.43	9.35	80.2	8.6	2.92	61.9		0			3			0.09	0.05	0.49	0.22	ND
11/7/2000 11:05	7.25	9.95	83	7.5	3.29	65.2		0			460							
11/20/2000 11:00	7.08	9.52	74.4	4.9	3.54	63.4		0			460			ND	ND	0.76	ND	16
12/5/2000 10:50	7.18	16.54	128	4.5	4.94	50.5		0			460							
12/19/2000 12:40	7.8	12.27	93.3	3.9	7.75	41.5		0			93			ND	ND	1.16	ND	8
1/2/2001 13:00	7.85	9.23	74.2	6	5.3			0			290							
1/23/2001 11:00	7.13	11.18	85.8	4.2	7.46	48.2		0			240			0.05	0.05	1.4	0.05	18
2/6/2001 11:20	7.88	11.94	94.4	5.3	9.26	44.3		0			240							
2/20/2001 10:35	7.47	12.45	96	4.4	4.78	55.6		0			210			0.11	ND	1.1	0.07	8
3/6/2001 11:45	7.6	11.51	94.4	6.7	4.59	58.9		0			120							
3/20/2001 11:40	7.77	11.42	94.5	7.1	11.9	45.2		0			23			0.17	0.13	1.15	0.1	17
4/3/2001 11:45	7.2	10.91	89.9	6.9	6.75	49.2		0			23							
4/17/2001 11:00	7.46	10.64	94.7	10.2	5.95	0		0			460			0.09	0.08	0.8	0.09	9
5/1/2001 11:20	8.03	12.58	108.4	8.8	15.6	44.1		0			460							
5/15/2001 10:30	7.83	10.4	91.9	9.9	38.7	44.1		0			1100			0.07	0.18	0.65	0.11	44
5/29/2001 11:50	7.44	9.85	91.5	11.8	4.04	70.5		0			43							
6/12/2001 10:50	7.5	10.41	92.6	9.9	230	38.3		0			2500			0.69	0.16	0.8	0.15	317
6/27/2001 11:35	7.82	14.54	139.2	13.3	3.36	79.2		0			75							
7/10/2001 10:50	7.08	12.84	128.9	15.7	2.64	94.5		0.1			460			ND	ND	0.6	ND	ND
7/24/2001 12:26	8.17	10.72	110.1	16.6	2.74	105.7		0.1			93							
8/7/2001 11:05	7.52	11.17	111.6	15.3	2.23	102.8	126.1	0.1			43			ND	ND	0.5	0.07	ND
8/21/2001 12:50	7.59			14.1	1.92	103.4	130.4	0.1			290							
9/4/2001 11:00	7.47	12.11	116.5	13.5	1.92	95.7	122.4	0.1			43			0.18	ND	0.6	ND	ND
9/18/2001 11:45	7.92	10.18	97	13.1	2.19	89.2	115.4	0.1			75							
10/2/2001 10:50	7.95	10.32	93.2	10.7	2.09	27.5	69.2	0			93			ND	ND	0.5	0.13	ND
10/16/2001 11:20	7.83	8.33	74.1	9.9	3.17	75.9	106.8	0.1			150							
10/30/2001 10:40	7.47	14.32	121.3	8	6.56	49.6	73.5	0			150			0.07	ND	0.9	0.07	5
11/13/2001 11:45	8	9.39	82.8	9.8	3.2	64	90.6	0			15							
11/27/2001 10:40	7.68	10.84	93.5	6.9	10.52	46.5	71	0			93		0.6	0.68	ND	0.8	0.1	ND
12/11/2001 11:25	7.14	11.65	92.9	5.7	14.4	42.4	67	0			43							
12/18/2001 10:40	6.93	11.32	89.1	5.2	30.4	34.3	55.1	0			93			0.12	0.07	1.06	0.17	ND
1/8/2002 12:25	7.43	14.2	121.6	8.5	51.8	37.3	54.5	0			93							
1/22/2002 10:40	7.36	11.66	89.1	3.9	9.76	43.9	73.4	0			39			0.29	0.06	0.97	ND	6
2/5/2002 11:00	7.16	13.25	103.7	4.9	8.96	43.7	71	0			43							
2/19/2002 11:40	7.64	10.24	83.8	6.8	9.23	49.6	76.1	0			93			ND	ND	0.87	0.08	9
3/5/2002 11:10	7.46	11.34	91.9	6.2	7.54	53.5	83.3	0			43							
3/19/2002 10:45	7.12	11.61	88.7	4	14.3	48	80.1	0			460			0.1	0.05	0.79	0.16	
4/2/2002 11:35	7.52	11.95	97.6	6.8	8.68	47.2	72.3	0			23							
4/16/2002 10:15	7.12	11.97	98.3	6.9	22.2	38	58.2	0			43			0.13	ND	0.65	0.18	31

Site Name: SRTR4.5  
 Site Location:  
 Map Number: 15

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/30/2002 11:15	7.4	9.96	89.6	10.7	5.43	67.2	92.4	0			23							
5/14/2002 10:40	7.44	10.58	93	9.6	18.1	52.5	74.3	0			460			0.08	ND	0.48	0.1	24
5/28/2002 11:35	7.52	10.41	99.2	13.1	3.93	66.6	86.4	0			75							
6/11/2002 11:15		10.06	96	13.1	2.98	83.2	107.6	0.1			150			ND	ND	0.6	ND	ND
6/25/2002 12:10	7.47	9.81	99	15.7	3.45	92.5	112.6	0.1			460							
7/9/2002 11:10		9.88	94.8	13.4	5.67	76.5	98.4	0			460			ND	ND	0.51	0.06	ND
7/23/2002 11:30	7.17	10.61	111.1	17.4	2.78	112.1	131	0.1			150							
8/6/2002 11:15		9.81	93.4	13.1	1.74	96.3	124.5	0.1			150	0.57		ND	ND	0.57	0.05	ND
8/20/2002 12:45	7.98	11.29	110.8	14.6	1.42	111.2	138.9	0.1			150							
9/3/2002 10:45	7.63	9.48	91.1	13.5	2.04	105.9	135.8	0.1			170			ND	ND	0.6	0.5	ND
9/17/2002 11:10	7.62	9.18	86.7	12.7	3.53	93.6	122	0.1			300							
10/1/2002 10:30	7.48	10.31	91.4	9.8	2.38	94.6	133.3	0.1			60			ND	ND	0.7	0.09	ND
10/15/2002 11:35	7.75	12.76	108.1	8.1	1.29	87.6	130.6	0.1			45							
10/29/2002 10:15		11.36	95.4	7.7	1.33	91.6	136.8	0.1			17			ND	ND	0.78	0.14	ND
11/12/2002 11:10	7.62	9.47	84.2	9.5	2.53	83.5	118.6	0.1			23							
11/25/2002 10:15	7.51	12.91	102.2	5.3	3.6	60	96	0			30			ND	ND	0.63	0.1	ND
12/10/2002 11:07	7.83	11.51	93.6	6.4	2.62	73.8	114.7	0.1			50							
12/12/2002 9:30					16.5						170							
12/23/2002 10:10	7.31	12.29	95.2	4.6	4.04	52.4	85.9	0						ND	ND	0.762	0.09	ND
1/7/2003 11:30	7.72	14.27	111.3	4.9	5.8	47.4	77				23							
1/21/2003 10:40	7.37	11.64	93.3	5.8	4.25	55.7	87.7	0		3.4	23			ND	ND	0.87	0.07	5
1/23/2003 10:55					35						900							
2/4/2003 11:25	7.61	12.45	98.7	5.4		45.2	72.3	0			17							
2/18/2003 11:00	6.96	12.21	99	6.3		48.6	752	0			50			ND	ND	1.03	0.1	12
3/4/2003 11:15	7.03	10.76	88.4	6.8	3.35	59.9	91.9	0			2							
3/18/2003 11:45	7.07	12.3	103.9	7.9	7.17	51.8	76.9	0		6	23			ND	ND	0.65	0.06	10
4/1/2003 11:20	7.46	11.65	98.9	8.2	13.9	44.2	65.2	0			130							
4/15/2003 10:10	7.03	9.95	86.1	9	6.74	55.5	79.9	0		3.89	23			ND	ND	0.68	ND	13
4/29/2003 11:30	7.68	12.44	114.3	11.6	5.45	66.2	89.1	0		2.7	17							
5/13/2003 10:30	7.12	9.65	88.7	11.5	4.45	79.3	106.7	0.1		1.7	110			ND	ND	0.65	ND	ND
5/27/2003 11:20	7.65	10.44	102	14.2	3.57	89.2	112.4	0.1		2.4	170							
6/10/2003 10:10	7.95	8.86	86.6	14.3	3.13	52.2	60.1	0			170			0.11	0.06	0.696	0.06	ND
No.	78.00	80.00	79.00	82.00	82.00	81.00	49.00	81.00	0.00	6.00	83.00	1.00	1.00	20.00	11.00	41.00	30.00	22.00
Mean	7.54	11.06	97.11	9.77	10.04	65.70	108.31	0.03	#DIV/0!	3.35	204.29	0.57	0.60	0.18	0.11	0.73	0.12	26.59
SD	0.30	1.53	13.09	3.80	26.01	25.37	97.13	0.05	#DIV/0!	1.51	337.41	#DIV/0!	#DIV/0!	0.19	0.09	0.22	0.09	65.57
Max	8.32	16.54	139.20	17.90	230.00	112.40	752.00	0.10	0.00	6.00	2500.00	0.57	0.60	0.69	0.34	1.40	0.50	317.00
Min	6.93	7.88	70.90	3.90	1.29	0.00	54.50	0.00	0.00	1.70	2.00	0.57	0.60	0.05	0.05	0.48	0.05	5.00



Site Name: SRCD6.5  
 Site Location:  
 Map Number: 16

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 15:40	7.42	10.65		11	5.83	63.7		0			460			0.2	ND	0.5	0.1	6
5/9/2000 14:30	7.74	9.74	86.5	9.8	7.42	58.6		0			43			ND	ND	0.5	ND	7
5/23/2000 13:45	7.36	9.54	90.3	12.8		65.7		0			43							
6/5/2000 13:25	7.45	9.52	91.5	13.7	4	72.5		0			93			0.08	ND	0.5	ND	ND
6/20/2000 13:20	7.49	9.3	89.3	14.1	3.97	68.8		0			75							
7/5/2000 15:15	7.57			14.4	2.85	91.2		0.1			120							
7/18/2000 15:10	7.67	10.62	107.6	15.7	1.63	101.6		0.1			1100							
8/1/2000 14:15	7.81	9.93	104.4	17.7	1.92	110		0.1			93			0.1	0.1	0.5	0.1	9
8/15/2000 14:15	7.84	9.14	89.4	14.2	1.47	108.4		0.1			23							
8/29/2000 8:40	7.64	9.4	88.8	12.8	3.01	100		0.1			150			ND	ND	0.5	0.3	ND
9/12/2000 11:45	7.77	9.28	87.5	12.4	3.68	79.3		0.1			150							
9/25/2000 11:16	7.87	11.26	101.2	10.5	1.63	89.8		0.1	40.03		150			ND	ND	0.7	ND	ND
10/10/2000 11:05	7.41	10.5	94.6	10.7	5.93	73.4		0			43							
10/24/2000 11:00	7.34	9.15	78.6	8.6	2.64	61.3		0	116.46		3			ND	ND	0.49	0.08	ND
11/7/2000 11:20	7.26	9.93	83	7.5	2.8	64.3		0			240							
11/20/2000 11:20	7.35	9.3	72.8	4.9	2.78	62.6		0	83.09		1100			ND	ND	0.77	0.1	ND
12/5/2000 11:05	7.16	16.17	125.9	4.5	4.79	50.1		0			150							
12/19/2000 12:25	8.36	13.83	111	3.9	7.79	41.4		0	342.92		93			0.05	0.05	1.18	0.05	8
1/2/2001 13:05	7.97	6.3	51	6.2	5.39			0			240							
1/23/2001 11:10	7.46	11.28	86.8	4.2	6.46	46.9		0	316.01		240			0.05	0.05	1.38	0.06	ND
2/6/2001 11:30	7.83	11.65	92.2	5.3	10.56	43.7		0		12.5	43							
2/20/2001 10:47	7.63	12.48	96.8	4.4	4.25	54		0	203.03		21			ND	ND	1.1	0.12	ND
3/6/2001 11:50	7.89	11.6	94.9	6.7	5.47	57.7		0		10.4	150							
3/20/2001 11:00	7.81	10.7	88.3	7.1	9.5	44.7		0	438.73	12.5	23			0.18	0.15	1.14	0.56	14
4/3/2001 12:00	7.3	10.85	89.5	6.9	5.85	48.5		0			29							
4/17/2001 11:15	7.46	13.57	120.5	10	8.31	0		0		11.2	93			0.09	0.07	0.8	0.06	11
5/1/2001 11:20	7.94	12.67	108.9	8.7	13.8	43.6		0			1100							
5/15/2001 10:50	7.81	10.63	93.6	9.8	29.1	43.9		0			1100			0.13	0.22	0.65	0.25	41
5/29/2001 12:05	7.3	10.09	93.1	11.7	4.04	57.1		0			240							
6/12/2001 11:00	7.45	10.52	92.5	9.9	25.5	35		0	1070.04		2500			0.43	0.13	0.9	0.17	338
6/27/2001 11:45	7.89	15.28	141.1	13.2	3.12	77.2		0			75							
7/10/2001 11:05	6.88	12.09	120.5	15.2	2.06	91.7		0.1	84.52		240			0.08	ND	0.6	ND	ND
7/24/2001 12:53	8.15	9.79	100.4	16.2	1.91	102.5		0.1			150							
8/7/2001 11:20	7.68	10.01	98.9	14.7	1.28	99.5	123.8	0.1	42.61		43	0.6	0.6	ND	ND	0.6	0.1	ND
8/21/2001 13:15	7.46	8.86	86.3	13.8	1.44	99.2	126.2	0.1			460							
9/4/2001 12:05	7.69	10.83	104	13.3	1.88	93.7	120.6	0.1	45.37		240	0.6	0.3	0.19	ND	0.6	0.09	ND
9/18/2001 12:00	7.77	9.85	93.8	13	1.67	87.4	113.3	0.1			120							
10/2/2001 11:00	7.88	10.08	90.2	10.4	1.92	79.8	110.6	0.1	134.59		240	0.5	0.9	ND	ND	0.5	0.13	ND
10/16/2001 11:10	8.06	8.66	77	9.9	2.15	75.2	105.8	0.1			240							
10/30/2001 11:00	7.26	14.54	123.3	8.1	7.01	49.5	73.1	0	149.77	11.5	93	0.8	1.81	ND	0.05	0.8	0.06	ND
11/13/2001 11:50	7.89	9.18	80.9	9.8	2.81	63.4	89.4	0			23							
11/27/2001 10:50	7.83	10.59	87.1	6.9	1.13	45.8	69.9	0	451.33	12.5	23	0.9	0.4	ND	ND	0.9	0.1	ND
12/11/2001 11:35	7.06	11.71	94.2	5.8	10.42	41.7	65.8	0		14.8	27							
12/18/2001 11:04	6.93	10.98	87.2	5.3	29.5	34.6	55.5	0	1416.92	19.3	43	1.01	0.32	0.15	0.07	1.01	0.1	9
1/8/2002 12:35	7.35	14.1	120.4	8.4	43.3	36.8	53.9	0			93							
1/22/2002 10:50	7.54	14.22	103	3.7	8.66	4.24	71.5	0	462.83	12.6	23			0.06	0.06	0.91		7
2/5/2002 11:45	7.26	13.19	103.2	4.9	8.18	43.3	70.2	0			23							
2/19/2002 11:50	7.5	9.93	81.3	6.7	8.3	48.3	74.1	0	380.67	11.75	75			ND	ND	0.89	0.17	8
3/5/2002 11:20	7.4	11.3	91.5	6.2	7.81	52.1	81.2	0			43							
3/19/2002 11:00	7.51	11.61	88.9	4	15	46.2	77.1	0	508.5	13	43	0.74	0.64	0.08	0.05	0.74	0.18	
4/2/2002 11:45	7.37	11.86	97.3	6.8	7.56	46.4	71.1	0			4							
4/16/2002 10:30		11.8	96.9	6.8	16.7	37.6	57.8	0	878.25	16.6	23	0.66	0.6	0.08	ND	0.66	0.05	24

Site Name: SRCD6.5  
 Site Location:  
 Map Number: 16

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/30/2002 11:30	7.47	9.84	88	10.5	4.39	65.3	90.5	0		11.1	93							
5/14/2002 10:53	7.88	10.68	94	9.6	16.6	51.2	72.4	0	374.02	11.9	460	0.47	0.7	0.09	ND	0.47	0.05	23
5/28/2002 11:45	7.43	10.41	98.6	12.8	4.3	64.3	83.7	0			460							
6/11/2002 11:40		10.02	94.9	12.8	2.67	80.2	104.6	0.1			43	0.5	ND	ND	ND	0.5	ND	ND
6/25/2002 12:20	7.24	9.52	95.3	15.2	2.48	89.5	109.9	0.1			240							
7/9/2002 11:25	7.58	9.8	94	13.2	7.25	75.4	97.3	0	139.66		240	0.45	0.4	ND	ND	0.45	0.09	ND
7/23/2002 12:15	6.81	9.47	98.8	17.1	2.6	108.9	128	0.1			150							
8/6/2002 12:20		9.66	91.9	13	2.44	94	122.1	0.1	35.94		43	0.58	ND	ND	ND	0.58	0.06	ND
8/20/2002 12:55	7.64	9.74	94.1	13.9	1.08	107	135.6	0.1			93							
9/3/2002 10:55	7.67	8.81	84.3	13.1	2.05	102.3	132.4	0.1			130	0.61	0.5	ND	ND	0.61	0.6	ND
9/17/2002 11:20	7.52	9.04	85.1	12.4	2.64	93.8	123.6	0.1			300							
10/1/2002 10:45	7.52	9.74	85.7	9.5	1.73	93	132	0.1	31.13		90	0.7	ND	ND	ND	0.7	0.09	ND
10/15/2002 11:45	7.84	11.89	100.4	8	1.09	86.7	128.3	0.1			40							
10/29/2002 10:35	7.37	10.65	89.6	7.7	1.99	89.8	134.1	0.1			9	0.78	ND	ND	ND	0.78	0.15	ND
11/12/2002 11:55	7.38	9.8	86.3	9.6	2.92	81.5	115.5	0.1			30							
11/25/2002 10:25	7.39	13.31	105.2	5.3	4	59.8	95.9	0	121.92		23	0.65	0.5	ND	ND	0.65	0.11	ND
12/10/2002 11:18	7.78	11.75	96.2	6.6	2.2	73.3	113	0.1			34							
12/12/2002 9:40					14.7						90							
12/23/2002 10:20	7.42	12.59	97.5	4.5	4.48	52.3	85.9	0	172.86		23	0.74	0.5	ND	ND	0.74	0.09	5
1/7/2003 12:10	7.67	14.34	112.3	5	5.73	47.5	76.9				23							
1/21/2003 10:45	7.42	11.01	88.3	5.8	3.69	55.1	86.8	0	199.49	11.5	300	0.89	0.5	ND	ND	0.89	0.08	ND
1/23/2003 11:45					375						14.5							
2/4/2003 12:15	7.57	12.49	99.3	5.6		44.8	71.2	0			13.3							
2/18/2003 11:15	6.9	12.2	99	6.3		48	74.5	0		11.9	13	1.03	0.5	ND	ND	1.03	0.07	10
3/4/2003 11:25	6.85	10.92	90.2	6.8	5.25	59	90.3	0		11	8							
3/18/2003 12:00	6.77	12.55	105.8	7.9	6.31	50.9	75.7	0		5.5	4	0.7	ND	ND	ND	0.7	ND	10
4/1/2003 11:30	7.66	11.8	100.2	8	11.2	43.4	64.3	0			13.5							
4/15/2003 10:25	7.08	9.86	85.1	8.9	6.6	54.4	78.5	0	383.39	12	30	0.65	0.7	ND	ND	0.65	ND	12
4/29/2003 11:40	7.5	12.42	114.6	11.7	4.99	65.1	87.3	0		11.57	23							
5/13/2003 10:45	7.04	9.72	88.9	11.3	3.43	77	104.3	0.1	122.37		23	0.59	0.7	ND	ND	0.59	ND	ND
5/27/2003 11:30	7.65	10.69	103.1	13.9	3.16	86.6	110	0.1			30							
6/10/2003 10:20	7.5	8.65	84.1	14	2.26	103.9	131.3	0.1	59.26		130	0.728	ND	ND	0.07	0.72	0.08	ND
6/24/2003 8:05	6.81	9.9	91.6	11.9	2.2	62.1	83.1	0			110							
No.	80.00	82.00	81.00	83.00	82.00	82.00	50.00	82.00	29.00	26.00	84.00	23.00	17.00	16.00	12.00	41.00	32.00	17.00
Mean	7.51	10.89	95.31	9.70	13.75	66.59	95.00	0.04	303.65	12.48	195.76	0.69	0.62	0.13	0.09	0.73	0.14	31.88
SD	0.32	1.71	12.73	3.66	49.30	23.84	24.24	0.05	327.76	2.36	358.22	0.16	0.34	0.09	0.05	0.22	0.13	79.40
Max	8.36	16.17	141.10	17.70	375.00	110.00	135.60	0.10	1416.92	19.30	2500.00	1.03	1.81	0.43	0.22	1.38	0.60	338.00
Min	6.77	6.30	51.00	3.70	1.08	0.00	53.90	0.00	31.13	5.50	3.00	0.45	0.30	0.05	0.05	0.45	0.05	5.00

Site Name: TCH990.5  
 Site Location:  
 Map Number: 17

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 8:50	7.1	5.94		9	11.7						120			0.12	ND	0.6	0.3	ND
5/9/2000 8:25	7.34	7.01		10	13.2	99.1		0.1			460			ND	ND	0.5	ND	ND
5/23/2000 8:30	6.87	6.32	60.5	12.6	11.3	103.8		0.1			93							
6/5/2000 8:30	6.55	4.99	48.6	14.3	9.15	57.4		0			93			0.13	0.11	0.5	ND	ND
6/20/2000 8:40	6.7	5.6	52.1	13	10.13	145.8		0.1			53							
7/5/2000 9:10	7.46	5.71	54.4	13.7	9.3	139		0.1			240			0.11	ND	0.4	ND	5
7/18/2000 9:30	7.21	3.79	38.5	17	8.54	158.3		0.1			460							
8/1/2000 8:30	6.78	3.93	41.8	17.5	6	149.1		0.1			460			0.13	0.13	ND	0.2	12
8/15/2000 8:45	7.53	4.74	45.5	13.9	5.5	154.6		0.1			240							
8/29/2000 8:25	7.4	3.33	33.8	14.9	89.4	140		0.1			240			ND	ND	ND	0.2	20
9/12/2000 13:30	7.31	3.98	38.9	14	2.78	118.6		0.1			240							
9/25/2000 12:00	7.39	4.33	39.7	11.3	3.3	129.3		0.1			210			0.06	ND	ND	ND	22
10/10/2000 11:20	7.05	3.68	34.1	11.2	5.19	110.5		0.1			460							
10/24/2000 12:00	7.41	3.46	30.6	9.2	7.61	86.9		0.1			240			0.12	0.07	0.71	0.63	ND
11/7/2000 11:45	7.05	5.66	47.3	7.5	9.77	90.8		0.1			14							
11/20/2000 12:20	7.79	6.81	50.9	3.1	3.55	83		0.1			4			0.05	0.05	1.01	ND	ND
12/5/2000 11:30	6.74	13.9	106.1	3.9	10.2	69		0.1			4							
12/19/2000 8:30	7.76	9.26	74.2	3.8	12	64.7		0			290			0.07	0.07	2.38	0.06	ND
1/2/2001 13:15	7.51	4.76	38.7	6.3	9.87	61.3		0.1			23							
1/23/2001 12:30	7.4	8.7	67.1	4.2	14.4	61.3		0	290.37		23			0.06	0.06	2.91	0.06	ND
2/6/2001 11:50	7.6	9.36	75	5.7	11.9	63.1		0			4							
2/20/2001 11:46	7.71	10.9	86	4.9	8.14	73.4		0.1			23			0.13	ND	1.6	ND	6
3/6/2001 12:00	7.33	9.47	76.2	7.8	7.41	87.8		0.1			460							
3/20/2001 12:20	7.92	9.7	83.4	8.7	22.6	66.4		0	19.07		43			0.2	0.19	2.16	ND	9
4/3/2001 12:15	7.19	9.12	75.7	7.6	10.99	71.3		0.1			93							
4/17/2001 11:30	7.17	10.58	96.5	11.1	8.32	0		0			75			0.08	0.09	1	0.08	11
5/1/2001 11:55	7.68	10.68	93.3	9.2	31.9	47.4		0			2500							
5/15/2001 12:00	7.89	8.21	73.4	10.3	69.2	42.2		0			2500			0.18	0.23	0.98	0.12	45
5/29/2001 12:25	7.04	7.26	69.6	13.6	6.75	116.4		0			75							
6/12/2001 12:10	7.77	8.73	77.6	10.4	87.6	40.5		0			2500			0.24	0.11	0.9	0.19	54
6/27/2001 12:00	7.39	9.27	94.1	14.9	6.08	122.8		0.1			150							
7/10/2001 12:40	7.42	6.06	65.6	18.1	20.7	154.2		0.1			240			0.28	ND	0.1	ND	60
7/24/2001 13:10	7.52	4.35	46.7	17.6	4.7	150.6		0.1			43							
8/7/2001 12:00	7.72	3.54	36.7	16.6	2.85	157.2	187.1	0.1			290	0.1	0.5	0.08	ND	0.1	0.1	68
8/21/2001 14:00	7.32	2.08	21.7	15.5	6.55	169.1	206.7	0.1			2500							
9/4/2001 12:55	7.44	1.76	17.8	15.4	3.67	163.4	200.3	0.1			43	ND	0.35	0.19	ND	ND	0.08	ND
9/18/2001 12:15	7.45	1.03	10.1	13.9	4.22	162.9	206.8	0.1			64							
10/2/2001 12:10	7.06	1.27	11.7	11.3	3.41	146.2	197	0.1			93	ND	1.04	ND	ND	ND	0.11	ND
10/16/2001 14:00	7.39	5.58	57.2	10	5.56	102.2	143.1	0.1			23							
10/30/2001 12:05	7.26	7.16	61.1	8.1	6.53	71.2	104.9	0	9.81		75	1.5	0.66	0.09	0.05	1.5	0.06	ND
11/13/2001 12:05	7.43	4.6	40.6	9.5	3.63	86.9	123.4	0.1			9							
11/27/2001 11:55	7.85	6.84	56.4	6.8	6.6	68.6	105.2	0	16.05		4	1.2	0.7	ND	0.05	1.2	0.1	ND
12/11/2001 12:15	6.97	9.56	75.8	5.4	12	52.2	83.4	0			23							
12/18/2001 11:55	6.72	8.31	66.7	5.1	14.9	57.1	92.1	0	34.65		20	1.97	0.81	0.14	0.08	1.97	0.09	ND
1/8/2002 13:00	6.34	6.2	55.5	9.9	7.87	92.3	129.7	0.1			9							
1/22/2002 12:00	6.9	9.84	73.6	3.4	10.28	55.18	94.7	0			23			0.06	0.08	1.34	ND	ND
2/5/2002 12:10	6.85	9.38	74	5.1	8.51	63	101.5	0			15							
2/19/2002 12:20	6.83	7.52	61.6	7.1	16.1	66.3	100.8	0		1.85	15				ND	1.18	0.12	ND
3/5/2002 11:55	7.03	8.54	72.7	6.8	113	77	118	0.1			43							
3/19/2002 12:05	7.6	10.36	79.3	3.7	18.3	57.2	96.3	0			150	0.99	0.6	0.08	0.05	0.99	0.07	
4/2/2002 12:30	7.08	9.83	85.3	8.3	13.7	72.2	106.1	0.1		4	23							
4/16/2002 12:00	7.03	10.16	87.7	8	20.9	61.6	91.1	0			43	0.96	0.8	0.12	0.05	0.96	0.07	8

Site Name: TCH990.5  
 Site Location:  
 Map Number: 17

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/30/2002 12:05	7	7.29	68.6	12.8	9.35	122.2	159.1	0.1			21							
5/14/2002 12:05	7.63	8.42	77.9	11.2	10.25	104.6	141.4	0.1			1100	0.68	0.6	0.13	ND	0.68	0.1	ND
5/28/2002 12:25	6.33	7.08	70.8	15.1	9.72	128.9	158.5	0.1			75							
6/11/2002 12:20		4.33	44.2	15.3	10.29	151.4	185	0.1			75	0.4	0.6	ND	ND	0.4	0.1	ND
6/25/2002 13:00	6.95	3.67	38.7	17.7	11.2	166.1	192.9	0.1		2	1100							
7/9/2002 12:10	6.98	5.65	56.1	14.8	13.2	105.1	130.5	0.1		2.9	100	0.41	0.6	ND	ND	0.41	0.13	ND
7/23/2002 12:30	6.3	2.87	33.4	18.7	6.21	178.2	201.6	0.1		1.65	240							
8/6/2002 12:50	7.13	2.62	26.4	14.8	4.63	154.5	191.8	0.1	35.62	1.7	43	0.07	ND	ND	ND	0.07	0.11	ND
8/20/2002 13:30	7.21	2.56	25.4	15.3	18.9	167.8	206	0.1		1.3	1100							
9/3/2002 12:00	7.08	0.98	9.2	14	3.99	192.4	233.8	0.1		1.1	390	0.15	0.4	ND	ND	0.15	0.07	ND
9/17/2002 12:30	7.17	1.93	19.6	13.5	3.17	201.4	259.9	0.1		1.4	1600							
10/1/2002 12:00	7.01	2.36	21.5	10.2	4.85	147.8	206.2	0.1		1.24	280	ND	0.5	ND	ND	ND	0.09	ND
10/29/2002 11:35	6.98	3.64	31.3	7.7	2.55	141.1	209	0.1		1.18	30	ND	ND	ND	ND	ND	0.05	ND
11/12/2002 12:05	7.08	5.12	44.2	9	4.05	132.8	191.7	0.1		2.1	13							
11/25/2002 11:40	6.95	5.38	42.7	5.2	3.66	86.5	139	0.1		2.22	8	0.91	0.6	ND	ND	0.91	ND	ND
12/10/2002 12:05	7.4	8.14	66.6	5.1	1.88	105.1	169.6	0.1		1.8	4							
12/12/2002 9:50					6.75						80							
12/23/2002 12:00	7.01	8.72	66.8	4.1	5.46	77.8	129.4	0.1		2.54	8	0.67	0.8	ND	ND	0.67	0.11	ND
1/7/2003 12:25	7.28	10.34	80.1	4.7	13.2	63.4	103.6			3.2	8							
1/21/2003 12:00	7.17	10.95	89.7	5.4	6.47	71.3	113.8	0.1		2.78	8	1.95	0.5	ND	ND	1.95	0.07	ND
1/23/2003 12:00					69.3					6.6	300							
2/4/2003 12:25	7.2	11.36	96.7	5.6		62.6	99.4	0		4.5	8							
2/18/2003 12:10	6.67	9.55	78.9	6.7		65.6	100.8	0		3.8	50	1.67	0.7	ND	ND	1.67	0.09	5
3/4/2003 11:45	6.53	8.4	69.7	6.9	6.98	78.9	120.6	0.1		3.02	23							
3/18/2003 12:35	6.64	9.47	80.7	8.4	13	72.9	106.7	0.1		3.38	4	0.98	0.6	ND	ND	0.98	0.06	6
4/1/2003 11:50	7.15	9.18	79.3	8.9	14.1	65.7	94.8	0		4.8	50							
4/15/2003 11:45	6.76	7.26	66.2	10.3	7.37	83	115.5	0		3.64	23	0.86	1	ND	ND	0.86	0.09	ND
4/29/2003 12:00	7.11	10.66	103.2	13.6	6.68	109.9	140.2	0		2.9	50							
5/13/2003 11:45	6.88	4.61	44.6	14	6.95	118.5	150.2	0.1		2.28	30	0.3	1.4	ND	ND	0.3	0.09	ND
5/27/2003 12:00	7.28	5	50.9	16.2	14.7	136.4	163.8	0.1		1.8	30							
6/10/2003 11:30	7.06	2.38	24.5	16.6	13.4	166.4	198.5	0.1		1.34	500	0.131	0.5	0.28	0.09	0.125	0.19	ND
6/24/2003 8:55	6.61	2.49	24	13.8	18.6	161.2	205.1	0.1		1.14	900							
No.	81.00	82.00	80.00	82.00	82.00	80.00	49.00	80.00	6.00	29.00	83.00	19.00	21.00	24.00	17.00	35.00	32.00	14.00
Mean	7.17	6.53	57.42	10.44	14.01	104.98	149.11	0.07	67.60	2.56	293.75	0.84	0.68	0.13	0.09	0.98	0.12	23.64
SD	0.37	2.99	23.85	4.32	19.54	43.13	46.41	0.05	109.62	1.30	576.53	0.61	0.24	0.07	0.05	0.70	0.11	22.80
Max	7.92	13.90	106.10	18.70	113.00	201.40	259.90	0.10	290.37	6.60	2500.00	1.97	1.40	0.28	0.23	2.91	0.63	68.00
Min	6.30	0.98	9.20	3.10	1.88	0.00	83.40	0.00	9.81	1.10	4.00	0.07	0.35	0.05	0.05	0.07	0.05	5.00

Site Name: TCFS4.0  
 Site Location:  
 Map Number: 18

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 9:25	8.03	10.01		9	19.4	64.2		0			2500			ND	ND	0.8	0.1	11
5/9/2000 8:45	7.94	10.6	92.2	9.2	48.3	63.7		0			210			0.24	ND	0.6	ND	42
5/23/2000 8:45	7.17	10.28	90.9	10.6	18.1	105		0.1			93							
6/5/2000 8:55	7.11	9.76	91.8	12.7	13.5	95.1		0.1			2500			0.09	0.06	0.8	ND	ND
6/20/2000 9:00	7.46	10.17	94.2	11.5	12.2	83.4		0.1			75							
7/5/2000 9:35	7.88	10.47	97.6	12.3	6.57	121		0.1			240							
7/18/2000 10:00	7.96	9.66	93	13.6	3.95	139.5		0.1			240							
8/1/2000 8:45	7.75	10.2	98.8	14.3	4.42	148.7		0.1			93			0.11	0.1	0.9	0.2	7
8/15/2000 9:05	7.95	10.48	96.8	11.7	3.37	145.9		0.1			460							
8/29/2000 12:05	7.91	8.41	81.3	12.6	3.73	140		0.1			2500			ND	ND	1	0.1	ND
9/12/2000 13:20	7.89	9.41	85.2	12.6		130.5		0.1			1100							
9/25/2000 12:10	7.9	11.66	103.2	10.9	3.31	138.1		0.1			240			ND	ND	1	ND	8
10/10/2000 11:55	7.59	11.12	101.5	10.4	39.8	94.9		0.1			23							
10/24/2000 12:20	7.72	9.17	79.3	8.8	13.8	94.5		0.1			23			0.08	0.08	1.06	0.08	ND
11/7/2000 12:05	7.54	9.51	79.6	7.2	16.6	84.3		0.1			15							
11/20/2000 12:35	7.7	9.97	78.1	4.5	6.75	86.2		0.1			9			0.05	0.05	1.4	ND	ND
12/5/2000 12:00	7.39	16.82	130.8	4.9	15.2	0.6		0			23							
12/19/2000 8:50	7.7	13.42	96.7	3.6	21.1	55.7		0			43			0.1	0.08	2.53	0.11	10
1/2/2001 13:30	7.85	3.52	28.7	6.5	19.2			0			23							
1/23/2001 12:55	7.75	11.18	86.4	4.5	16.6	51		0			240			0.09				
2/6/2001 12:00	7.83	11.85	93.6	5.2	18.6	49.7		0			43							
2/20/2001 12:03	7.59	12.96	100	4.5	15.4	59.2		0			43			ND	ND	1.87	0.06	9
3/6/2001 12:15	7.92	11.5	106.1	11.5	13.6	1.6		0			9							
3/20/2001 12:45	8.04	11.22	94.6	8.1	25.1	53.5		0			23			0.14	0.15	2.18	0.08	12
4/3/2001 12:30	7.45	10.82	88.5	6.3	15.5	53.4		0			23							
4/17/2001 11:45	7.34	13.26	118.7	9.9	12.5	0		0			1100			0.1	0.11	1.2	0.06	20
5/1/2001 12:10	7.92	11.65	100.3	8.6	31.1	41.3		0			2500							
5/15/2001 12:07	7.79	10.8	95.7	9.7	47	38.7		0			2500			0.13	0.21	1.22	0.09	43
5/29/2001 12:45	7.49	10.26	94.6	11.3	17.4	94.7		0.1			210							
6/12/2001 12:30	7.8	11.09	97.9	9.8	22.5	28.6		0			2500			0.42	0.15	1.5	0.13	209
6/27/2001 12:20	8.02	15.31	144.59	12.5	9	102.6		0			1100							
7/10/2001 12:50	7.68	11.68	115.4	14.8	7.24	130.1		0.1			460			0.18	0.05	1.3	ND	ND
7/24/2001 13:23	8.14	8.57	88.2	15.4	4.48	139.6		0.1			210							
8/7/2001 12:20	8.13	9.52	93.6	14.8	3.71	141.3	175.4	0.1			93	1.2	0.1	0.14	0.09	1.2	0.1	ND
8/21/2001 14:15	7.76	9.38	89.6	13.3	4	142	182.5	0.1			2500							
9/4/2001 13:20	7.87	12.04	114.2	12.9	3.72	144	187.4	0.1			23	1.1	0.36	0.24	0.05	1.1	ND	ND
9/18/2001 12:30	8.07	9.08	85	12.2	4.12	138.9	183.6	0.1			290							
10/2/2001 12:35	7.78	10.64	95.1	10.2	3.14	137.9	192	0.1			43	1.2	0.42	ND	0.05	1.2	ND	ND
10/16/2001 13:40	7.98	9.37	82.7	9.6	14.4	109.5	155.2	0.1			460							
10/30/2001 12:40	7.65	11.29	97.1	8.4	15	59.3	86.6	0			75	1.8	ND	ND	ND	1.8	0.05	ND
11/13/2001 12:15	7.97	8.78	77.2	9.5	14.1	75.3	106.8	0.1			23							
11/27/2001 12:15	7.86	10.64	87.5	6.9	32.1	45.8	70	0			93	1.1	0.5	ND	0.07	1.1	0.1	10
12/11/2001 12:30	7.48	11.87	95	5.9	19.2	41.7	65.6	0			23							
12/18/2001 12:30	7.18	11.19	88.9	5.6	19.9	44.1	70.2	0			43	2	0.79	0.1	0.05	2	0.08	12
1/8/2002 13:15	6.79	13.7	119.4	9.1	46.8	53.9	77.3	0			1100							
1/22/2002 12:15	7.9	12.46	92.7	2.9	19.9	39.6	68.7	0			9			0.08	0.08	1.19	ND	5
2/5/2002 12:20	7.51	13.29	104.7	5.2	13.3	45.7	73.6	0			93							
2/19/2002 12:45	7.34	10.34	85.5	6.7	24.2	36	70.7	0			240			ND	ND	1.06	ND	5
3/5/2002 12:05	7.64	11.73	93.8	5.7	13.8	54.6	86.3	0			150							
3/19/2002 12:20	7.47	13.71	102.6	3.3	51.4	36.4	62.1	0			240	0.85	0.58	0.14	ND	0.85	0.06	ND
4/2/2002 12:45	7.65	12.21	102.3	7.6	16.2	50.5	75.7	0			23							
4/16/2002 12:15	7.22	12.14	101.2	7.5	26.2	40.1	60.2	0			23	1	0.5	0.1	0.05	1	ND	16

Site Name: TCFS4.0  
 Site Location:  
 Map Number: 18

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/30/2002 12:15	7.7	9.98	90.3	11.3	16.5	84.9	115	0.1			43							
5/14/2002 12:25	7.58	11.01	96.9	9.7	10.36	53.6	75.8	0			1400	0.65	3.3	0.11	0.12	0.65	0.07	57
5/28/2002 12:40	7.05	9.7	93.7	14.2	16.3	100.8	127	0.1			93							
6/11/2002 12:30		10.36	98.6	13	8.27	129.1	167.2	0.1			150	1	ND	ND	ND	1	ND	ND
6/25/2002 13:10	7.85	10.28	101.9	15.1	7.11	145.1	178.6	0.1		0.59	240							
7/9/2002 12:30	7.79	9.89	95.1	13.8	22.4	102	129.4	0.1		1	150	0.74	0.8	0.08	ND	0.74	0.11	5
7/23/2002 12:45	7.27	8.89	90.7	16.2	5.54	159	191	0.1		0.45	1100							
8/6/2002 13:15	8.06	10.06	93.9	12.7	3.71	144.5	189	0.1		0.5	150	1.1	ND	ND	ND	1.1	0.05	ND
8/20/2002 13:40	8.03	9.69	94.2	13	2.07	155.1	201.1	0.1			93							
9/3/2002 12:15	7.88	9.36	89.3	12.9	3.2	149	193.9	0.1		0.69	390	0.92	0.4	ND	ND	0.92	0.08	ND
9/17/2002 12:45	7.82	8.67	81.6	12.7	5.84	129.4	169.2	0.1		0.86	500							
10/1/2002 12:15	7.76	8.55	74.7	9.1	3.59	131.1	188.1	0.1		0.84	80	1.05	0.6	ND	ND	1.05	0.06	ND
10/15/2002 13:00	7.93	12.55	107.5	8.3	18.7	141.9	207.9	0.1		0.8	170							
10/29/2002 11:50	7.81	10.21	86.3	7.7	1.52	135	201.3	0.1		1	300	0.97	ND	ND	ND	0.97	ND	ND
11/12/2002 12:15	7.54	9.68	85.6	9.6	9.24	124	175.6	0.1		1.3	110							
11/25/2002 12:00	7.63	13.77	108.4	5	10.32	95.9	154.9	0.1		1.1	8	1.25	0.7	ND	ND	1.25	0.12	ND
12/10/2002 12:22	7.96	11.35	92	6.3	6.37	118.1	183.8	0.1		0.9	23							
12/12/2002 9:55					53.7					1.46	500							
12/23/2002 12:05	7.49	12.65	97.2	4.4	13.9	62.2	101.7	0		0.86		1.6	ND	ND	ND	1.6	0.07	9
1/7/2003 12:35	7.71	13.62	108	4.9	17.1	58.6	95.1			1.14	50							
1/21/2003 12:15	7.46	11.2	89.8	5.5	16.9	65.1	103.6	0		0.9	11	1.86	0.5	ND	ND	1.86	0.11	8
1/23/2003 12:05					290						80							
2/4/2003 12:35	7.61	12.74	100.6	5.3		48.9	78.4	0		1.35	13							
2/18/2003 12:20	7.07	12.38	101.1	6.5		50.3	77.8	0		1.3	13	1.76	0.6	ND	ND	1.76	0.08	14
3/4/2003 12:15	6.81	10.77	87.7	6.5	14.2	63.5	98.5	0		0.95	23							
3/18/2003 12:50	6.74	12.35	104.3	8	20.3	57.7	85.4	0		1.2	22	1.15	ND	ND	ND	1.15	ND	11
4/1/2003 12:05	7.62	11.24	96.4	8.5	22.1	48.1	70.5	0		1.6	30							
4/15/2003 11:55	7.2	10.69	93.7	9.5	15.1	62.2	88.2	0		1.15	30	1.14	ND	ND	ND	1.14	ND	11
4/29/2003 12:15	7.69	12.36	115.3	11.9	19.1	75.6	100.7	0		0.995	30							
5/13/2003 12:00	7.34	10.11	92.7	11.2	13.9	102.4	138.9	0		0.72	130	1.08	0.5	ND	ND	1.08	ND	10
5/27/2003 12:20	7.66	10.86	105.2	13.5	15.8	117.7	150.6	0.1		0.6	500							
6/10/2003 11:40	7.68	9.15	88.3	13.5	9.45	140.7	180.1	0.1		0.5	2500	1.13	0.44	ND	0.1	1.13	0.11	8
6/24/2003 9:10	7.58	10.36	94	10.9	3.22	135.1	184.7	0.1		0.48	1600							
No.	82.00	83.00	82.00	83.00	82.00	82.00	50.00	82.00	0.00	27.00	84.00	23.00	16.00	20.00	20.00	41.00	26.00	25.00
Mean	7.66	10.90	95.21	9.48	21.33	88.52	129.06	0.05	#DIV/0!	0.93	445.80	1.20	0.69	0.14	0.09	1.27	0.09	22.28
SD	0.31	1.78	13.57	3.37	39.63	42.72	50.49	0.05	#DIV/0!	0.31	747.52	0.36	0.72	0.08	0.04	0.48	0.03	41.05
Max	8.14	16.82	144.59	16.20	290.00	159.00	207.90	0.10	0.00	1.60	2500.00	2.00	3.30	0.42	0.21	2.80	0.20	209.00
Min	6.74	3.52	28.70	2.90	1.52	0.00	60.20	0.00	0.00	0.45	8.00	0.65	0.10	0.05	0.05	0.60	0.05	5.00

Site Name: SRFS12.5  
 Site Location:  
 Map Number: 19

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 10:35	7.5	10.26		8.5	5.48	52.4		0			43			0.09	ND	0.5	ND	ND
5/9/2000 9:35	7.6	10.75	92.5	8.5	7.62	45.2		0			23			0.11	ND	0.5	ND	ND
6/5/2000 9:50	7.21	10.33	95.9	12.1	3.48	62.5		0			93			0.07	ND	0.5	ND	ND
7/5/2000 10:20	7.37	10.65	97.5	11.7	1.81	77.4		0.1			120							
8/1/2000 9:30	7.08	11.16	107.3	13.4	2.1	87.8		0.1			93			0.08	ND	0.5	0.1	9
8/15/2000 10:10	7.95	10.3	95	11.5	1.27	86.8		0.1			240							
8/29/2000 12:15	7.68	10.28	96.2	12.3	1.47	81.6		0.1			93			0.08	ND	0.6	0.1	5
9/25/2000 13:35	7.89	11.44	103.9	11	1.1	79.2		0.1			150			ND	ND	0.7	ND	ND
10/10/2000 12:10	7.3	10.9	96	10.4	4.4	67.7		0			43							
10/24/2000 12:35	7.61	9.17	79.8	9.2	2.69	59		0			9			ND	0.05	0.52	0.06	ND
11/7/2000 12:20	7.27	9.8	82.7	7.9	2.15	62.5		0			75							
11/20/2000 13:00	7.81	9.41	76.4	6.2	1.33	62.5		0			43			ND	ND	0.83	ND	ND
12/5/2000 12:10	7.13	14.54	140	5	4.08	50.5		0			75							
12/19/2000 9:00	7.55	13.86	106.6	3.6	7.16	39.6		0			93			ND	ND	0.88	ND	6
1/2/2001 13:45	7.77	3.56	29.4	6.7	4.38			0			43							
1/23/2001 13:10	7.44	10.94	85.3	4.9	5.13	46.3		0			150			0.18	ND	1	0.19	6
2/6/2001 12:10	7.75	11.71	92.7	5.4	6.74	40.9		0			23							
2/20/2001 12:13	5.3	12.42	98	5.3	3.6	52.8		0		1.05	15			0.06	ND	1.04	0.07	ND
3/6/2001 12:30	7.81	11.8	98.2	7.4	2.47	56.2		0		0.5	43							
3/20/2001 13:00	7.89	11.21	95.4	8.2	7.32	43.5		0			4			0.15				5
4/3/2001 12:40	7.43	11.18	91.8	6.9	4.78	44.3		0			23							
4/17/2001 12:00	7.34	14.1	123.1	9.4	4.49	0		0			23			0.08	0.07	0.7	0.07	11
5/1/2001 12:25	7.88	11.79	100.6	8.4	11.7	39.7		0			150							
5/15/2001 12:20	7.75	10.99	96.2	9.5	12.6	42		0			1050			0.05	0.16	0.56	0.18	18
5/29/2001 13:00	7.28	10.45	96	11.4	3.01	61.9		0			23							
6/12/2001 12:45	7.6	10.94	95	9.2	127	31.4		0			1100			0.51	0.07	0.9	0.21	203
6/27/2001 12:30	7.87	15.34	143.6	12.4	7.87	68.6		0			150							
7/10/2001 13:05	7.01	12.04	117.6	14.4	1.36	89.2		0.1			460			0.08	ND	0.8	ND	ND
7/24/2001 13:35	8	9.16	91.7	14.7	1.36	85.6		0.1			240							
8/7/2001 12:30	7.98	10.41	100.7	13.6	0.88	84.9	108.4	0.1			75	0.7	0.1	0.07	0.07	0.7	ND	ND
8/21/2001 14:30	7.51	10.14	96.7	12.8	0.87	84	109.6	0.1			240							
9/4/2001 13:30	7.68	12.18	114.2	12.3	1.4	83.3	110	0.1			460	0.7	0.28	0.17	ND	0.7	ND	ND
9/18/2001 12:45	7.88	10.68	98.9	11.9	0.73	84.4	112.7	0.1			1100							
10/2/2001 12:45	7.68	9.17	81.6	9.9	1.02	80.3	112.5	0.1		0.22	93	0.8	0.98	ND	ND	0.8	ND	ND
10/16/2001 13:20	7.71	9.57	84.3	9.7	2.84	73.8	104.2	0			0.3	1100						
10/30/2001 13:00	7.47	11.56	97.8	8	4.99	48.9	72.3	0		1.28	150	0.7	ND	ND	ND	0.7	ND	ND
11/13/2001 12:30	7.89	9.49	82.8	9.3	2.32	64.7	92.3	0		0.7	240							
11/27/2001 12:30	7.49	11.35	93.5	6.8	5.41	39.3	60.4	0		1.54	21	0.8	0.5	ND	ND	0.8	0.1	ND
12/1/2001 12:45	7.04	11.7	94.1	5.8	8.55	22.6	30.9	0		2.06	15							
12/18/2001 12:35	6.85	10.83	86.4	5.7	35.9	31.3	51.1	0		2.82	9	0.89	0.15	0.2	0.06	0.89	0.16	58
1/8/2002 13:30	6.35	13.9	118	8.3	38.9	21.2	28.6	0		2.34	43							
1/22/2002 12:30	7.74	7.91	59.7	3.6	8.17	40	67.6	0		1.44	9			0.12	0.06	0.77	ND	7
2/6/2002 12:35	7.25	13.09	103.6	5.4	6.99	7.4	13.5	0		1.7	75							
2/19/2002 12:55	7.16	10.42	84.1	6.8	7.65	35.8	64.6	0			43			ND	ND	0.8	0.27	ND
3/5/2002 12:15	7.47	11.44	92.7	6.3	16.9	47.9	74.4	0		0.94	23							
3/19/2002 12:30	7.26	12.62	97.3	4.3	15.8	43.2	71.1	0			93	0.69	0.63	0.08	ND	0.69	0.16	
4/2/2002 13:00	7.43	12.07	100.9	7.5	6.7	11.7	25.7	0			23							
4/16/2002 12:20	7.23	11.93	98.9	7.2	13.3	36	46.5	0		2.54	43	0.53	0.4	0.08	ND	0.53	ND	20
4/30/2002 12:30	7.51	9.52	86.6	10.9	4.12	58.1	79.4	0		0.8	ND							
5/14/2002 12:45	7.41	9.37	81	8.9	18.2	42.2	60.3	0		1.45	1100	0.41	0.7	0.11	0.07	0.41	0.06	30
5/28/2002 12:50	6.63	10.69	100.4	12.5	3.95	53.5	70.2	0			93							
6/11/2002 12:45		10.64	100.6	12.7	2.93	65.7	85.7	0			93	0.5	1	ND	ND	0.5	ND	ND

Site Name: SRFS12.5  
 Site Location:  
 Map Number: 19

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
6/25/2002 13:30	7.34	10.28	101.2	14.7	2.63	76.2	94.7	0		2.1	150							
7/9/2002 12:45	7.63	10.23	97.9	13.4	3.2	68.6	87.9	0		2.3	210	0.46	0.4	ND	ND	0.46	0.13	ND
7/23/2002 13:00	6.84	9.42	94.1	15.2	1.69	90.7	111.6	0.1			150							
8/6/2002 13:35	7.86	11.02	102.7	12.3	1.42	82.4	109.1	0.1		1.96	23	0.62	ND	ND	ND	0.62	ND	ND
8/20/2002 14:00	7.87	11.11	108.5	12.7	0.46	89	116.5	0.1		1.8	9							
9/3/2002 12:30	7.59	10.2	100.5	12.1	1.14	89.7	118.9	0.1		1.81	240	0.68	ND	ND	ND	0.68	ND	ND
9/17/2002 13:00	7.58	9.93	92.5	12.1	1.87	81.7	108.5	0.1		1.9	13							
10/1/2002 12:30	7.47	10.63	91.7	9.2	1	82	117.4	0.1		1.8	30	0.77	0.5	ND	ND	0.77	ND	ND
10/15/2002 13:10	7.74	12.31	105.5	8.6	1.59	81.6	118.8	0.1		1.8	26							
10/29/2002 12:05	7.34	10.89	91.8	7.9	0.7	81.7	121.7	0.1		1.81	17	0.84	ND	ND	ND	0.84	0.1	ND
11/1/2002 12:30	7.47	10.36	91.8	10	2.72	63.2	103.6	0.1		2.04	40							
11/25/2002 12:15	7.35	13.51	108.5	6	3.03	63.1	92.9	0		2.15	50	0.64	0.5	ND	ND	0.64	0.1	ND
12/10/2002 12:32	7.74	11.48	96.5	7.5	1.95	74.8	112.4	0.1		1.9	23							
12/12/2002 10:00					9.59					2.28	80							
12/23/2002 12:15	7.28	12.86	99.5	4.8	3.28	33.4	77.4	0		2.28		1.06	ND	ND	ND	1.06	0.06	ND
1/7/2003 12:50	7.61	13.88	109.5	5.4	3.9	37.3	46.7			2.6	8							
1/21/2003 12:25	7.29	10.47	84.4	6.2	2.82	30.7	42.8	0		2.43	8	0.81	ND	ND	ND	0.81	0.05	ND
1/23/2003 12:15					238					5	240							
2/4/2003 12:45	7.65	12.24	97.3	5.6		33	44.6	0		3.4	8							
2/18/2003 12:30	6.97	11.78	96.6	6.7		47.8	73.4	0		2.88	2	0.79	ND	0.12	ND	0.79	ND	9
3/4/2003 12:30	6.85	11.16	92.1	7.1	3.36	56.5	86.1	0		2.5	2							
3/18/2003 13:00	6.78	11.28	95.4	8	5.76	49.9	64.4	0		3	80	0.52	ND	ND	ND	0.52	ND	6
4/1/2003 12:15	7.54	11.77	99.6	8	8.57	40.2	55.2	0		3.8	30							
4/15/2003 12:10	7.05	11.43	99.2	9.1	5.34	33.7	62.2	0		3.06	23	0.57	ND	ND	ND	0.57	ND	11
4/29/2003 12:25	7.53	12.97	119.7	11.5	3.67	58.3	77.8	0		2.7	8							
5/13/2003 12:15	7.32	10.49	97.8	11.4	2.53	68.8	93	0		2.3	13	0.7	0.6	0.22	ND	0.7	ND	ND
5/27/2003 12:35	7.54	11.13	107.3	13.3	2.7	75	96.6	0		2.2	50							
6/10/2003 12:00	7.49	9.79	92.4	12.6	2.04	84.3	110.4	0.1		2.06	170	0.822	ND	ND	0.06	0.811	ND	ND
6/24/2003 9:20	7.41	1.67	96.2	10.7	1.65	79.9	109.9	0.1		2	170							
No.	78.00	79.00	78.00	79.00	79.00	78.00	50.00	78.00	0.00	44.00	79.00	23.00	13.00	21.00	10.00	41.00	19.00	15.00
Mean	7.43	10.96	96.79	9.21	9.81	58.09	82.13	0.03	#DIV/0!	2.04	148.15	0.70	0.52	0.13	0.08	0.70	0.12	26.93
SD	0.41	1.92	14.48	2.99	30.08	21.89	28.76	0.05	#DIV/0!	0.90	262.80	0.15	0.27	0.10	0.03	0.16	0.06	50.66
Max	8.00	15.34	143.60	15.20	238.00	90.70	121.70	0.10	0.00	5.00	1100.00	1.06	1.00	0.51	0.16	1.06	0.27	203.00
Min	5.30	1.67	29.40	3.60	0.46	0.00	13.50	0.00	0.00	0.22	2.00	0.41	0.10	0.05	0.05	0.41	0.05	5.00



Site Name: FCPR1.0  
 Site Location:  
 Map Number: 20

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 10:15	7.72	9.03		9	7.02	44.1		0			1100			0.07	ND	0.5	ND	6
5/9/2000 9:25	7.85	10.7	96.6	10	4.16	48.4		0			23			ND	ND	0.5	ND	ND
5/23/2000 9:35	7.34	10.23	95.5	12.3	4.02	50		0			240							
6/5/2000 9:45	7.14	9.47	95.4	15.9	3.84	58.1		0			23			0.05	ND	0.4	ND	ND
6/20/2000 9:35	7.31	9.81	96.1	14.1	3.04	52.7		0			64							
7/5/2000 10:05	7.5	10.05	99.5	14.8	1.42	62.8		0			42			ND	ND	0.3	ND	5
8/1/2000 9:20	7.04	9.99	103.4	16.6	1.55	78.3		0			93			0.28	ND	ND	0.1	6
8/15/2000 9:50	8.42	10.96	107.5	13.5	1.27	82.4		0.1			23							
8/29/2000 11:50	8.19	10.64	102.8	13.7	2.47	80		0.1			43			0.12	ND	ND	0.1	5
9/25/2000 13:25	8.41	11.89	113.3	12.7	2.27	85.5		0.1			9			ND	ND	0.5	ND	ND
10/10/2000 12:30	7.62	9.65	87.8	11.3	6.42	59.5		0			75							
10/24/2000 14:20	7.75	8.75	77.7	9.8	2.9	56.2		0						ND	ND	0.36	0.14	ND
11/7/2000 12:40	7.53	10.33	87.3	8	3.38	53.9		0	225.85		23							
11/20/2000 14:35	8.48	9.71	76.8	4.9	2.6	54		0			9			ND	ND	0.68	ND	ND
12/5/2000 12:20	7.2	14.74	114.7	4.6	4.01	70		0			11							
12/19/2000 10:50	8.69	13.71	101.8	4	6.12	38.7		0	225.85		23			ND	ND	1.37	ND	ND
1/2/2001 14:00	7.91	3.17	25.5	6	4.49			0			9							
1/23/2001 15:00	7.99	11.11	85.4	4.2	5.25	39		0		1.1	4			0.18	ND	1.41	0.11	ND
2/6/2001 12:30	7.92	12.22	95.9	5	5.78	38.9		0			43							
2/20/2001 14:20	8	13.01	101.4	4.7	5.85	40.9		0		0.82	23			0.05	ND	1.09	0.06	6
3/6/2001 12:50	7.9	12.14	99.4	6.7	3.36	43.4		0	183.04									
3/20/2001 15:00	8.22	8.42	71.6	8.1	5.59	41.3		0	183.04	1.5	43			0.14	0.14	1.23	0.06	7
4/3/2001 12:50	7.53	11.21	93.5	7.5	4.03	41.9		0		2	11							
4/17/2001 13:30	7.43	13.2	118.8	10.6	4.1	0		0			43			0.09	0.08	0.8	0.1	11
5/1/2001 12:35	7.6	11.42	100.3	9.6	11.2	44.9		0			1100							
5/15/2001 13:45	8.17	10.68	98.1	11.4	17	45.7		0		2.2	2500			0.05	0.08	0.67	0.18	13
5/29/2001 13:10	7.58	9.94	95.1	13.2	3.29	54.9		0			43							
6/12/2001 14:35	7.95	10.65	96.6	10.9	41.1	34.4		0	478		2500			0.17	0.07	1.2	0.28	64
6/27/2001 12:45	7.83	14.42	142.4	14.8	2.72	58.6		0			75							
7/10/2001 14:50	7.49	10.77	115.4	18.6	2.12	69.2		0	19.22		150			0.05	ND	0.6	ND	ND
7/24/2001 13:50	8.28	8.3	89.8	18.7	2.69	83.9		0			210							
8/7/2001 14:20	8.59	8.59	95.5	18.5	1.64	88.1	100.5	0.1	5.94		75	0.4	0.1	0.07	0.07	0.4	ND	ND
8/21/2001 15:05	8.11	10.06	98.3	14.8	1.67	82.8	102.9	0.1			150							
9/4/2001 15:10	7.95	12.12	120.1	15	1.6	77.2	95.6	0	5.44		23			0.17	ND	0.3	ND	ND
9/18/2001 13:10	8.1	10.33	100.4	14.5	2.64	66	82.5	0			21							
10/2/2001 14:45	8.39	10.6	100.3	12.7	2.64	61.4	80.2	0		0.74	39	0.1	0.11	ND	ND	0.1	0.11	ND
10/16/2001 12:50	8.02	9.58	86.1	10.6	3.42	59.7	82.4	0		0.9	93							
10/30/2001 15:30	7.49	11.22	97.7	9.2	4.33	45.7	65.5	0	121	1.66	23	0.9	ND	ND	ND	0.9	0.06	ND
11/13/2001 12:55	7.98	9.36	82.8	10	2.74	49.7	69.3	0		1.2	9							
11/27/2001 14:40	8.03	10.4	86.8	7.5	8.18	40.9	58.7	0	204.25	2.1	43	0.9	0.5	ND	ND	0.9	0.1	ND
12/11/2001 13:15	7.12	11.97	96.8	6.2	6.56	27.7	42.7	0		2.75	23							
12/18/2001 14:25	7.16	10.34	84	6.2	13.1	37.4	58.2	0	599.88		23	1.04	0.12	0.1	0.05	1.04	0.13	15
1/8/2002 14:00	6.59	14.27	122.2	8.6	22.6	41.3	62.7	0			460							
1/22/2002 14:30	8.63	8.55	64.5	3.4	7.91	33.4	57	0	211.92	2.44	23			0.05	0.05	1.08	ND	ND
2/5/2002 13:10	7.33	14.05	109.4	4.7	6.04	35.3	57.6	0		2.75	93							
2/19/2002 15:00	7.91	10.44	84.5	6.3	19.2	39.4	61.4	0	120.59	2.06	43			ND	ND	0.89	0.08	13
3/5/2002 13:25	6.94	11.74	94.3	6	5.1	39.1	61.4	0		2.08	43							
3/19/2002 14:30	7.21	4.89	90.5	3.9	42.6	34.9	58.5	0	314.64	3	150	0.8	0.56	0.13	0.05	0.8	0.05	
4/2/2002 13:35	7.53	12.47	104.2	7.5	3.95	41.4	62.2	0		2.3	9							
4/16/2002 14:25	7.78	10.99	92.8	7.9	13.4	34.6	52.8	0	329.37		14	0.8	0.4	0.06	ND	0.8	0.06	7
4/30/2002 13:00	7.75	6.32	59.8	12.5	2.67	51.7	68.9	0			9							
5/14/2002 15:10	7.37	9.07	84.2	12.1	13	50.1	66.3	0	107.82	2.2	1100	0.48	0.7	0.06	ND	0.48	0.3	7

Site Name: FCPR1.0  
 Site Location:  
 Map Number: 20

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
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 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
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mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
5/28/2002 1:25	7.08	10.07	100.6	15.3	3.82	62.2	77.7	0		1.4	23							
6/11/2002 15:00		9.68	100.1	16.9	2.98	81.4	96.4	0			23	0.5	ND	ND	ND	0.5	ND	ND
6/25/2002 14:15	7.94	9.35	101.5	18.8	2.19	80.7	91.5	0			28							
7/9/2002 14:30	7.77	9.83	101.1	17	5.64	73.4	86.6	0	26.68	1.6	240	0.35	0.4	ND	ND	0.35	0.06	ND
7/23/2002 13:35	7.99	8.69	97.3	20.4	1.36	96.2	105.6	0		1.24	23							
8/6/2002 15:50	7.85	10.49	102	14.3	2.95	85.3	107.1	0	9.94	1.28	1100			ND	ND	0.45	0.05	ND
8/20/2002 14:50	9.35	10.56	108	15.9	0.93	94.1	114	0.1		1.1	75							
9/3/2002 14:25	8.66	9.95	101.2	16.2	2.28	95.3	114.6	0.1		1.2	300	0.36	ND	ND	ND	0.36	ND	ND
9/17/2002 13:50	8.65	9.95	98.8	14.6	1.85	91	113.4	0.1		1.24	240							
10/1/2002 14:30	8.27	10.83	100.2	11.6	1.88	95.1	128	0.1	4.41	1.1	170	0.41	ND	ND	ND	0.41	ND	ND
10/15/2002 14:05	7.92	13.14	114.9	9.3	3.39	74.1	105.8	0.1		1.25	130							
10/29/2002 14:05	8.02	11.84	102.1	8.6	1.15	84	122	0.1		1.2	6	0.42	ND	ND	ND	0.42	0.09	ND
11/1/2002 13:00	7.6	11.1	98.2	9.9	5.2	74.8	105.1	0.1		1.48	8							
11/25/2002 14:10	7.43	14.06	112.6	5.8	3.68	51.6	81.4	0	40.04	1.86	23	0.61	ND	ND	ND	0.61	ND	ND
12/10/2002 13:24	8.08	12.78	104.9	6.5	3.16	56.8	87.9	0		1.6	23							
12/12/2002 10:55					13.5					2.02	300							
12/23/2002 14:15	7.38	13.14	102.9	5	3.25	45.3	73.2	0	78.52	2.2		0.71	ND	ND	ND	0.71	0.1	ND
1/7/2003 13:30	7.45	14.86	116	4.8	4.07	43.4	70.6			2.4	11							
1/21/2003 14:20	7.19	7.3	58.6	5.8	7.09	45.3	71.6	0		2.28	23	0.85	ND	ND	ND	0.85	0.08	5
1/23/2003 12:35					35.1					1.8	30							
2/4/2003 13:10	7.48	12.69	101.4	5.7		41.7	65.9	0		3	4							
2/18/2003 14:00	7.05	12.3	100.4	6.6		41.8	64.5	0		2.68	13	1.12	0.5	ND	ND	1.12	0.1	6
3/4/2003 13:20	7.17	11.73	96.6	7	3.44	41.6	50.4	0		2.34	4							
3/18/2003 14:45	6.54	11.05	92.7	8.1	6.72	45.5	67	0		2.54	13	0.8	ND	ND	ND	0.8	ND	7
4/1/2003 13:10	7.71	12.17	104.1	8.5	9.77	41.6	60.4	0		3.1	30							
4/15/2003 14:10	7.23	11.63	102.6	9.8	4.4	46.9	66.1	0	135.41	2.52	8	0.72	ND	0.18	ND	0.72	ND	6
4/29/2003 13:20	7.57	12.68	121.1	13.3	3.48	53.8	69.1	0		2.2								
5/13/2003 14:15	7.45	10.06	98.1	14.1	2.69	63.6	80.3	0	47.57	1.85	4	0.46	0.7	ND	ND	0.46	ND	ND
5/27/2003 13:00	7.79	10.79	107.1	15.2	4.01	68.7	84.5	0		1.4	80							
6/10/2003 13:50	7.75	9.33	92.4	15	2.4	83.7	103.4	0	12.48	1.24	220	0.556	0.48	ND	0.05	0.556	ND	ND
6/24/2003 10:15	8.01	11.02	103.6	12.6	1.06	82.4	107.8	0.1		1.2	110							
No.	80.00	81.00	80.00	81.00	81.00	80.00	50.00	80.00	24.00	47.00	79.00	21.00	11.00	19.00	9.00	40.00	23.00	17.00
Mean	7.75	10.75	97.27	10.57	6.21	57.38	80.38	0.02	153.79	1.83	180.80	0.63	0.42	0.11	0.07	0.69	0.11	11.12
SD	0.50	2.01	15.54	4.39	7.77	19.69	21.26	0.04	155.26	0.64	447.65	0.26	0.22	0.06	0.03	0.32	0.07	13.99
Max	9.35	14.86	142.40	20.40	42.60	96.20	128.00	0.10	599.88	3.10	2500.00	1.12	0.70	0.28	0.14	1.41	0.30	64.00
Min	6.54	3.17	25.50	3.40	0.93	0.00	42.70	0.00	4.41	0.74	4.00	0.10	0.10	0.05	0.05	0.10	0.05	5.00

Site Name: SRH9910.0  
 Site Location:  
 Map Number: 21

Notes:

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 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
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 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 9:55	7.6	9.37		9	5.08	50.7		0			23			ND	ND	0.5	0.1	10
5/9/2000 9:10	7.69	10.6	93.2	9	6.53	51.9		0			23			0.05	ND	0.5	ND	5
6/5/2000 9:05	7.17	10.05	96.5	13.5	4.11	62.1		0			93			0.05	ND	0.5	ND	ND
7/5/2000 9:50	7.68	10.41	98.8	12.8	2.26	75.1		0			120			ND	ND	0.5	ND	ND
8/1/2000 9:00	6.9	10.16	100.6	14.8	1.48	88.2		0.1			240			0.28	ND	0.5	0.2	7
8/15/2000 9:20	7.61	10.3	96	12.2	1.24	87.8		0.1			460							
8/29/2000 14:10	7.89	10.11	96.8	13.4	1.28	84.5		0.1			150			ND	ND	0.5	0.1	ND
9/12/2000 13:00	7.83	9.41	88.5	12.6	2.72	73.4		0			39							
9/25/2000 13:00	8.05	11.58	104	10.4	1.56	78.9		0.1	37.315		1100			ND	ND	0.7	ND	ND
10/10/2000 13:00	7.52	8.31	75	10.7	4.57	67		0			23							
10/24/2000 14:30	7.16	8.51	75.2	9.5	2.89	60.4		0			3			0.06	0.06	0.44	ND	ND
11/7/2000 12:50	7.35	9.77	82	7.8	2.86	60.9		0			64							
11/20/2000 14:50	8.1	10.77	86.5	5.8	1.86	59.1		0			75			ND	ND	0.77	ND	ND
12/5/2000 12:30	7.04	15.1	117.8	4.7	3.56	48		0			64							
12/19/2000 11:05	7.96	13.72	102.5	3.8	7.4	39.9		0	331.33		460			0.05				
1/2/2001 14:10	7.91	2.87	23.2	6.4	4.6			0			240							
1/23/2001 15:10	7.88	10.78	83.6	4.6	5.01	42.4		0	290.37		43			0.19	0.05	1.2	0.07	10
2/6/2001 12:40	7.89	11.95	94.3	5.2	6.56	40.8		0			23							
2/20/2001 14:32	7.78	12.44	98.6	5.5	3.88	48.8		0	201		93			0.11	ND	1.08	0.06	ND
3/6/2001 13:00	7.76	11.97	99	7.1	2.88	51.3		0	201		23							
3/20/2001 15:15	7.88	8.19	70.1	8.5	6	43.9		0			43			0.19	0.14	0.99	0.05	5
4/3/2001 13:00	7.21	11.17	92.4	7.2	4.36	44.1		0			23							
4/17/2001 13:40	7.42	13.25	118.2	10.3	4.6	0		0			7			0.07	0.07	0.9	0.09	8
5/1/2001 13:00	7.62	11.61	100.4	8.8	12.9	41.7		0			210							
5/15/2001 14:15	7.9	10.89	98.4	10.7	14.3	44.4		0			460			0.06	ND	0.62	ND	14
5/29/2001 13:20	7.64	10.09	94.1	12	3.73	60.9		0			240							
6/12/2001 14:50	7.67	11	98.5	10.2	82.3	33.4		0	1151.9		2500			0.31	0.06	1	0.11	147
6/27/2001 13:00	7.76	14.45	138	13.2	2.52	67		0			75							
7/10/2001 15:10	7.36	11.23	116.9	17.2	7.44	82.4		0	68.75		210			0.07	ND	0.7	0.05	ND
7/24/2001 14:10	8.08	8.52	87.1	16.1	1.4	87.8		0.1			290							
8/7/2001 14:30	8.12	9.66	97.5	15.8	0.86	88.8	107.7	0.1	24.1		93	0.6		0.07	0.07	0.6	ND	ND
8/21/2001 15:15	7.46	10	96.4	13.6	0.78	85.3	109.1	0.1			93							
9/4/2001 15:20	7.71	11.64	111.6	13.7	1.14	84.5	107.9	0.1	26.71		93			0.16	ND	0.6	ND	ND
9/18/2001 13:20	7.97	10.5	100.1	13.1	1.81	79.3	102.6	0			290							
10/2/2001 15:00	7.78	8.97	82.8	11.5	2.29	75	100.9	0			93	0.5	0.89	ND	ND	0.5	0.16	ND
10/16/2001 13:50	7.84	9.35	82.1	10.1	3.23	70	97.9	0			460							
10/30/2001 15:40	7.68	10.57	90.5	8.6	5.57	48.7	70.8	0	295.38		1100	0.8	0.21	ND	ND	0.8	0.07	ND
11/13/2001 13:05	8.05	8.13	71.6	9.7	2.81	59.7	84.4	0			23							
11/27/2001 15:00	7.89	10.36	85.9	7.2	6.9	44	66.5	0	414.56		43	0.8	0.5	ND	ND	0.8	0.1	ND
12/1/2001 13:25	7.08	11.94	95.7	6.1	9.23	39.7	61.4	0			15							
12/18/2001 14:35	6.82	10.09	81.3	6	27.2	33.5	51.7	0	1242.08		23	1.03	0.11	0.2	ND	1.03	ND	34
1/8/2002 14:10	6.58	13.92	119	8.4	38.2	35.1	49.4	0			93							
1/22/2002 15:00	7.3	9.84	75.2	3.7	10.57	38.1	64.3	0	472.82		43			0.05	0.05	1	ND	6
2/5/2002 13:15	7.32	13.75	108.1	5.1	6.32	37.8	61	0			15							
2/19/2002 15:20	6.74	10.36	85	6.8	9.25	42.2	65	0	379.28		15			ND	ND	0.85	0.15	7
3/5/2002 13:37	7.03	11.55	93.7	6.4	6.05	45	69.7	0			4							
3/19/2002 14:45	7.83	11.68	91.5	4.2	34.3	38.5	64.2	0	652.68		150	0.77	0.56	0.09	0.05	0.77	0.11	
4/2/2002 13:40	7.47	12.15	102.1	7.6	6.21	42.6	63.9	0			4							
4/16/2002 15:50	7.17	10.06	84.5	7.7	13.4	37.1	55.3	0	827.07		15	0.64	0.6	0.09	ND	0.64	ND	15
4/30/2002 13:15	7.46	10.1	93.2	11.8	3.67	57.5	76.7	0			460							
5/14/2002 15:30	7.35	9.25	83.6	10.8	17.5	46.3	63.4	0	381.46		1100	0.43	0.8	0.09	ND	0.43	0.13	24
5/28/2002 1:35	6.72	10.52	100	13.1	3.84	56.3	72.8	0			240							

Site Name: SRH9910.0  
 Site Location:  
 Map Number: 21

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
6/11/2002 15:20		10.04	99.5	14.9	2.59	71.1	88.1	0			240	0.5	ND	ND	ND			
6/25/2002 14:30	7.55	10.02	101.7	16.1	1.93	79	95.1				23							
7/9/2002 14:45	7.5	9.82	97.3	15.5	3.72	72.6	88.7	0	115.93		2500	0.51	0.6	ND	ND	0.51	0.05	ND
7/23/2002 13:45	7.24	9.5	98.3	16.9	1.32	94.1	111.3	0		1.34	43							
8/6/2002 16:10	8.05	10.9	104.2	13.2	1.33	84.7	109.3	0		1.36	75	0.57	ND	ND	ND	0.57	ND	ND
8/20/2002 15:00	8.15	10.54	102.2	13.8	1.03	92.3	117.2	0.1			93							
9/3/2002 14:40	7.79	9.85	96.8	13.8	4.19	93.4	118.7	0.1		1.22	240	0.64	ND	ND	ND	0.64	ND	7
9/17/2002 14:00	7.7	9.57	90.3	12.7	2.63	81.7	107	0.1			900							
10/1/2002 14:50	7.46	9.34	82.7	9.8	2.5	85.7	120.8	0.1	32.02	1.23	70	0.71	ND	ND	ND	0.71	0.1	ND
10/15/2002 14:15	7.7	11.46	99.9	8.3	1.67	80.7	118.3	0.1			140							
10/29/2002 14:20	7.5	11.08	93.2	7.8	0.91	82.6	123.1	0.1		1.28	11	0.8	ND	ND	ND	0.8	0.16	ND
11/1/2002 13:15		9.99	88.3	9.9	2.24	77.5	109	0.1		1.62	26							
11/25/2002 14:30	7.28	13.84	111.5	5.9	3.15	60.7	95.4	0	105.91	1.86	23	0.66	ND	ND	ND	0.66	ND	ND
12/10/2002 13:34	7.87	11.42	94.8	7	2.82	69.6	106	0			50							
12/12/2002 11:05					11.8					2.06	140							
12/23/2002 14:30	7.4	12.86	100.1	4.9	3.68	51.8	84.1	0	174.19	2.16		0.7	ND	ND	ND	0.7	ND	ND
1/7/2003 13:40	7.82	14.35	112.2	5.1	5.4	46.4	74.8			2.5	8							
1/21/2003 14:35	7.21	8.8	70.9	6.1	4.04	52	81.5	0		2.26	2	0.83	ND	ND	ND	0.83	0.05	ND
1/23/2003 12:50					181					4.35	900							
2/4/2003 13:40	7.55	12.89	107.1	5.7		33.7	49.3	0		3.2	50							
2/18/2003 14:15	7.1	12.46	102.4	6.8	7.1	46.3	70.8	0		2.74	17	0.93	0.5	ND	ND	0.93	0.1	9
3/4/2003 13:30	7.12	11.562	95.5	7.2	3.59	53.1	80.6	0		2.3	8							
3/18/2003 15:00	6.45	10.65	90.7	8.4	5.53	47.7	70	0		2.68	23	0.65	ND	ND	ND	0.65	0.07	17
4/1/2003 13:20	7.55	12.05	102.8	8.4	9.1	41.8	61.2	0		3.4	80							
4/15/2003 14:30	6.98	11.38	100.3	9.7	5.53	45.6	64.1	0	365.97	2.76	23	0.62	ND	ND	ND	0.62	ND	8
4/29/2003 13:30	7.49	12.72	119.3	12.4	4.21	58.4	76.8	0		2.3	13							
5/13/2003 14:30	7.31	10.17	96.7	13	3.11	70.9	92	0	129.45	1.84	80	0.63	0.7	ND	ND	0.63	ND	ND
5/27/2003 13:25	7.31	11.12	108.7	14.1	2.8	75.5	95	0		1.65	110							
6/10/2003 14:10	7.27	9.83	94.6	13.5	1.36	86.1	110.3	0.1	56.88	1.4	130	0.762	0.6	0.42	0.05	0.762	ND	ND
6/24/2003 10:40	7.69	10.98	101.4	11.8	1.41	82.2	109.9	0.1		1.38	140							
No.	78.00	80.00	79.00	80.00	80.00	79.00	50.00	78.00	24.00	23.00	81.00	22.00	12.00	20.00	10.00	42.00	22.00	18.00
Mean	7.52	10.78	95.20	9.83	8.72	60.49	85.90	0.02	332.42	2.13	222.72	0.69	0.51	0.13	0.07	0.72	0.10	18.94
SD	0.38	1.76	14.55	3.56	22.27	19.51	21.77	0.04	335.69	0.81	442.66	0.15	0.25	0.10	0.03	0.20	0.04	32.81
Max	8.15	15.10	138.00	17.20	181.00	94.10	123.10	0.10	1242.08	4.35	2500.00	1.03	0.89	0.42	0.14	1.20	0.20	147.00
Min	6.45	2.87	23.20	3.70	0.78	0.00	49.30	0.00	24.10	1.22	2.00	0.43	0.10	0.05	0.05	0.43	0.05	5.00

Site Name: SRPR15.5  
 Site Location:  
 Map Number: 22

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L	
4/26/2000 11:05	7.47	9.32		9	4.56	53		0			23			0.06	ND	0.3	ND	ND	
6/5/2000 10:05	7.19	10.23	94.7	11.9	3.59	62.4		0			23			0.05	ND	0.5	ND	ND	
7/5/2000 10:35	7.43	8.72	80	11.6	2.43	78.3		0.1			120								
8/1/2000 9:35	7.14	10.71	102.3	12.8	1.38	88.3		0.1			240		0.12	ND		0.5	0.2	7	
8/15/2000 10:15	7.94	10.65	96.8	11.2	1.62	87.6		0.1			93								
8/29/2000 12:30	7.81	10.61	98.6	12.2	1.8	82.8		0.1			160		0.11	ND		0.6	0.1	6	
9/12/2000 12:45	7.83	9.84	92	12.3	3.14	72.6		0			120								
9/25/2000 13:45	7.93	11.08	101.4	11.2	1.34	80.8		0.1			93		ND	ND		0.6	ND	ND	
10/10/2000 12:20	7.28	10.18	91.4	10.4	2.95	67.5		0			43								
10/24/2000 12:45	7.31	9.1	79.5	9.3	2	41.7		0	91.17		43		ND	ND		0.52	0.16	ND	
11/20/2000 13:05	7.55	9.49	77.8	6.6	1.97	41		0			9		ND	ND		0.84	0.09	ND	
12/19/2000 9:10	7.5	13.3	108.6	3.6	6.9	39.2		0			240		0.11	ND		0.84	ND	12	
1/23/2001 13:20	7.09	10.67	83.6	5.1	3.03	47		0	167.13		460		0.15	ND		0.85	0.05	5	
2/6/2001 12:20	7.8	11.7	92.5	5.3	3.94	40.7		0			91								
2/20/2001 12:25	7.69	12.24	97.2	5.7	3.14	54.3		0	105.2	1.5	23		ND	ND		0.97	0.04	ND	
3/6/2001 12:40	7.84	11.58	97.3	7.8	1.51	57.2		0			75								
3/20/2001 13:15	7.83	11.18	95.2	8.4	7.19	43.6		0	264.97		4		0.15	0.13		0.66	0.07	6	
4/17/2001 12:20	7.57	13.68	119.5	9.3	4.2	0		0			7		0.08	0.06		0.6	0.06	11	
5/15/2001 12:30	7.8	10.39	95.7	9.5	7	43.1		0			460		0.06	0.12		0.49	0.07	12	
6/12/2001 13:20	7.56	10.92	94.4	9	88.5	32.7		0	665.06		2500		0.36	0.06		0.8	0.1	194	
7/10/2001 13:20	7.26	12.38	122.2	14.7	1.36	83.6		0.1	63.66		240		0.05	ND		0.8	ND	ND	
8/7/2001 13:00	8.12	10.53	101.2	13.6	1.45	86	101.8	0.1	49.12		93	0.8	0.1	0.07	0.07	0.8	0.1	ND	
9/4/2001 14:00	7.79	12.77	119	12.1	1.02	84.1	111.5	0.1	36.53		43	0.8	0.11	0.18	ND	0.8	ND	ND	
10/2/2001 13:30	7.81	11.04	98.3	10.3	1.13	81.7	113.6	0.1		0.3	240	0.8	0.1	ND	ND	0.8	ND	ND	
10/16/2001 13:15	7.85	9.81	86.3	9.7	2.49	70.8	104.6	0		0.5	460								
10/30/2001 13:40	7.7	11.16	94.8	8.1	4.4	48.7	72.1		185.54	1.4	93	0.7	72.1	ND	ND	0.7	0.06	ND	
11/27/2001 13:00	7.2	10.04	82.3	6.8	3.14	45.7	70.3	0	216.94	1.6	15	0.7	0.5	ND	ND	0.7	0.1	ND	
12/18/2001 13:25	6.84	10.73	85.4	5.7	26.2	29.2	48.2	0	695.47		15	0.77	0.12	0.47	0.05	0.77	ND	62	
1/22/2002 13:00	7.26	8.41	63.5	3.7	6.14	20.9	34.2	0	240.83		21			0.05	0.05	0.74	ND	9	
2/19/2002 13:40	7.25	10	82.3	6.8	6.46	43	65.9	0	245.43		210			ND	ND	0.76	0.09	5	
3/19/2002 13:00	6.87	12.42	95.8	4.3	9.87	45.8	75.6	0	240.69		460	0.66	0.55	0.08	ND	0.66	0.18		
4/16/2002 12:45	7.08	11.42	94.9	7.3	8.95	31.7	35.9	0	525.18		240	0.47	0.3	0.12	ND	0.47	ND	ND	
5/14/2002 13:10	7.22	9.29	80.5	9.1	16.7	42.3	57.2	0	289.03		460	0.36	0.5	0.08	ND	0.36	ND	28	
6/11/2002 13:20		10.3	98.8	13.3	2.33	66.7	84.7	0			93	0.5	ND	ND	ND	0.5	ND	ND	
7/9/2002 13:15	7.29	10.01	97.4	14	2.86	69.8	88.4	0	119.24			0.47	0.4	ND	ND	0.47	0.06	ND	
8/6/2002 14:20	7.93	11.21	106.1	12.5	1.59	66.9	105.7	0	43.88		23	0.64	ND	ND	ND	0.64	ND	ND	
9/3/2002 13:10	7.67	10.15	95.2	12.3	1.31	91.6	120.9	0.1			110	0.71	ND	ND	ND	0.71	ND	ND	
10/1/2002 13:15	7.66	10.98	96.4	9.6	0.73	84.7	120	0.1	36.93		13	0.79	ND	ND	ND	0.79	ND	ND	
10/29/2002 12:45	7.55	11.77	100.2	8.2	0.76	83.9	123.5	0.1			11	ND	ND	ND	ND	0.86	ND	ND	
11/25/2002 13:00	7.43	12.66	103.2	6.4	3.24	64	99.3	0	1.35		50	0.63	ND	ND	ND	0.63	ND	ND	
12/12/2002 10:10					5.94						50								
12/23/2002 12:45	7.3	12.33	97.2	5	3.26	55.3	89.5	0	132.66			0.26	ND	ND	ND	0.26	0.07	ND	
1/21/2003 13:00	7.24	9.58	77.6	6.3	2.02	55.9	86.9	0	149.47		4	0.75	ND	ND	ND	0.75	0.08	ND	
2/18/2003 13:05	6.76	11.97	98.5	6.9		48.4	74	0			17	0.69	ND	ND	ND	0.69	ND	7	
3/18/2003 13:45	6.99	11.18	94.8	8.1	4.58	46.9	69.5	0			13	0.5	ND	ND	ND	0.5	ND	6	
4/15/2003 13:00	6.9	11.53	99.8	9.1	4.86	19.5	30.7	0	308.78		8	0.52	ND	ND	ND	0.52	ND	8	
5/13/2003 13:00	7.26	10.56	97.5	11.7	2.67	69	95.4	0	101.92		23	0.65	0.6	ND	ND	0.65	ND	ND	
6/10/2003 12:40	7.33	10.06	94.6	12.3	1.58	85.5	112.8	0.1	63.45		300	0.827	ND	ND	ND	0.827	ND	ND	
6/24/2003 10:00	7.45	10.88	97.8	10.5	1.35	80.9	111.8	0.1			220								
No.	47.00	48.00	47.00	48.00	48.00	48.00	27.00	46.00	25.00	5.00	47.00	22.00	10.00	19.00	7.00	40.00	18.00	15.00	
Mean	7.46	10.85	94.90	9.18	5.85	58.67	85.33	0.03	201.59	1.06	177.70	0.64	0.33	0.13	0.08	0.66	0.09	25.20	

Site Name: SRPR15.5  
 Site Location:  
 Map Number: 22

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
SD	0.34	1.16	10.92	2.92	12.94	21.63	27.53	0.05	184.80	0.61	373.96	0.16	0.21	0.11	0.03	0.16	0.04	48.95
Max	8.12	13.68	122.20	14.70	88.50	91.60	123.50	0.10	695.47	1.60	2500.00	0.83	0.60	0.47	0.13	0.97	0.20	194.00
Min	6.76	8.41	63.50	3.60	0.73	0.00	30.70	0.00	1.35	0.30	4.00	0.26	0.10	0.05	0.05	0.26	0.04	5.00

Site Name: SRH921.0  
 Site Location:  
 Map Number: 23

Notes:  
 pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L
4/26/2000 11:24	7.2	8.02		9	2.25	43.5		0			23			ND	ND	0.2	0.1	ND
5/9/2000 10:05	7.1	8.45	74.2	8.5	3.78	41.4		0			75			ND	ND	0.2	ND	ND
6/5/2000 10:20	6.61	6.86	66.5	12.9	3.71	54.6		0			150			0.06	ND	0.2	ND	ND
6/20/2000 9:55	6.93	7.07	66.8	12.1	2.78	50.8		0			29							
7/5/2000 10:50	6.98	6.86	63.9	12.1	4.84	68.3		0			34			ND	ND	0.3	ND	6
8/1/2000 9:55	6.82	7.02	68.5	14	4.77	78.7		0			23			0.1	ND	0.5	0.2	5
8/29/2000 12:55	7.27	7.1	65.9	12.7	3.23	72.2		0			43			0.26	ND	ND	0.2	5
9/25/2000 14:00	7.42	7.61	69	11	2.6	67.9		0	6.45		15			ND	ND	0.4	ND	ND
10/24/2000 13:20	6.92	6.24	54.4	9.1	1.83	47.3		0	39.3		ND			0.08	ND	0.17	0.33	ND
11/20/2000 13:30	7.13	7.49	58.5	4.8	1.25	47.8		0			9			ND	ND	0.36	ND	ND
12/19/2000 9:55	7.89	12.5	95	2.5	1.82	31.3		0	89.08		93			ND	ND	0.57	ND	ND
1/23/2001 13:50	7.68	9.22	74.2	5.6	1.41	38.3		0	58.25		ND			0.08	ND	0.39	ND	ND
2/20/2001 12:55	6.81	10.53	83.2	5.2	1.22	42.5		0	89.09		ND			ND	ND	0.48	0.09	ND
3/20/2001 13:40	7.64	9.5	82.6	9.1	1.63	36.8		0	89.09		ND			0.15	0.13	0.25	0.11	ND
4/17/2001 12:40	7.42	10.63	94	9.9	1.5	0		0			4			0.07	0.07	0.2	0.08	10
5/15/2001 12:55	7.45	8.47	74.3	9.9	3.59	37.1		0			93			0.06	0.13	0.17	0.07	6
6/12/2001 13:30	7.83	8.88	78.1	9.7	8.71	34		0	143.01		2500			0.16	0.06	0.5	0.16	10
7/10/2001 13:35	6.51	8.12	79.4	14.4	3.98	72.1		0	14.69		23			0.11	ND	0.4	ND	ND
8/7/2001 13:20	7.46	7.29	70.1	13	2.87	74.2	96.1	0	6.51		39	0.4	0.1	0.11	0.09	0.4	ND	ND
9/4/2001 14:35	7.39	8.12	77.5	12.6	3.11	73.6	96.6	0			43	0.4	0.37	0.18	ND	0.4	ND	ND
10/2/2001 14:00	7.33	7.44	66.4	10.2	2.99	67.8	94.4	0		0.5	23	0.4	0.26	ND	ND	0.4	ND	ND
10/30/2001 14:15	7.61	9.52	80.5	7.6	1.4	39.9	59.6	0	92.87	1.9	23	0.4	ND	ND	ND	0.4	0.06	ND
11/27/2001 13:30	7.37	7.96	64.8	6.3	1.13	37.9	59	0	93.52	2.2	15	0.4	0.3	ND	ND	0.4	0.1	ND
12/18/2001 13:50	6.84	9.38	74.7	5.5	7.32	2.67	41.6	0	293.75		9	0.6	0.11	0.09	ND	0.6	ND	ND
1/22/2002 13:30	7.76	7	52.8	3.3	1.78	33.4	57	0	97.32	2.9	15			ND	ND	0.45	ND	ND
2/19/2002 14:00	7	8.88	72.3	6.4	6.1	34.8	54	0	102.67	1.92	23			ND	ND	0.42	0.1	ND
3/19/2002 13:30	7.12	11.1	84.7	3.5	8.37	34.1	57.8	0	104.07	1.92	75	0.39	0.41	ND	ND	0.39	0.05	
4/16/2002 13:15	7.84	10.24	86.5	7.9	3.72	31.2	46.4	0	243.04		93	0.24	0.3	ND	ND	0.24	ND	ND
5/14/2002 13:55	7.27	7.91	71	10.6	5.13	38.4	53	0	103.84	2.1	460	0.18	0.3	0.07	ND	0.18	ND	ND
6/11/2002 14:00		7.3	71.7	14.3	4.19	57.5	72.1	0			15	0.2	ND	ND	ND	0.2	ND	ND
7/9/2002 13:45	6.9	7.09	70.7	15.1	4.76	62	76.5	0	24.75	1.1	460	0.18	0.4	ND	ND	0.18	0.05	ND
8/6/2002 14:50	7.12	6.52	62	12.7	4.9	72	94.3	0	5.37		150			0.1	ND	0.28	0.08	ND
9/3/2002 13:35	7.18	7.58	72.6	12.3	2.08	81	107	0.1			300	0.38	ND	ND	ND	0.38	ND	ND
10/1/2002 13:40	7.07	6.45	54.9	9.6	2.72	69.8	98.7	0	6.3	0.5	50	0.37	ND	ND	ND	0.37	0.05	ND
10/29/2002 13:15	7.06	7.49	63.4	7.8	2.11	70.4	104.4	0		0.52	4	0.44	ND	ND	ND	0.44	0.07	ND
11/25/2002 13:15	6.92	9.56	76.9	6.1	3.3	50	78.4	0	45.07	1.1	17	0.22	ND	ND	ND	0.22	ND	9
12/12/2002 10:20					3.84					1.22	17							
12/23/2002 13:05	6.86	10.22	78.7	4.2	1.16	42	69.7	0	68.95	1.35		0.71	ND	ND	ND	0.71	ND	ND
1/21/2003 13:25	6.87	6.87	54.9	5.5	1.08	43.9	69.9	0	76.59	1.45	2		0.27	ND	ND	0.27	0.08	ND
2/18/2003 13:15	6.75	10.14	82.4	6.5		40	61.9	0			13	0.36	ND	ND	ND	0.36	ND	ND
3/18/2003 14:00	6.66	9.44	80.3	8	5.37	39.3	58.2	0			ND	0.25	ND	ND	ND	0.25	ND	9
4/15/2003 13:15	6.52	9.54	83.6	9.4	1.6	41.4	59.1	0	141.64		4	0.26	ND	ND	ND	0.26	ND	ND
5/13/2003 13:20	6.89	7.04	66.3	12.8	3.15	63.1	82.4	0	55.84		40	0.23	0.7	ND	ND	0.23	ND	ND
6/10/2003 13:00	7.02	7.13	69.3	13.1	3.79	78.3	101.3	0	21.65	0.75	140	0.405	ND	ND	0.05	0.405	0.05	ND
6/24/2003 10:05	7.1	8.05	73.7	11.4	3.98	68.4	92.3	0		0.75	80							
No.	43.00	44.00	43.00	44.00	44.00	44.00	26.00	44.00	26.00	16.00	39.00	22.00	10.00	15.00	6.00	41.00	19.00	8.00
Mean	7.15	8.31	72.35	9.28	3.34	50.27	74.68	0.00	81.26	1.39	133.95	0.35	0.33	0.11	0.09	0.34	0.11	7.50
SD	0.36	1.45	9.94	3.40	1.87	19.04	19.91	0.02	69.04	0.71	403.54	0.13	0.17	0.05	0.03	0.13	0.07	2.20
Max	7.89	12.50	95.00	15.10	8.71	81.00	107.00	0.10	293.75	2.90	2500.00	0.71	0.70	0.26	0.13	0.71	0.33	10.00
Min	6.51	6.24	52.80	2.50	1.08	0.00	41.60	0.00	5.37	0.50	2.00	0.18	0.10	0.06	0.05	0.17	0.05	5.00

Site Name: SRIR25.0  
 Site Location:  
 Map Number: 24

Notes:

pH = measure of acidity (<7.0) or alkalinity (>7.0) of water  
 DO = dissolved oxygen  
 Temp = temperature  
 Turb = turbidity  
 Cond = conductivity  
 CondTemp = conductivity corrected for temperature  
 Sal = salinity  
 Discharge = stream flow  
 Staff = staff gauge height  
 TSS = Total Suspended Solids

mg/L = milligrams per liter  
 % sat = percent saturation  
 NTU = nephelometric turbidity units  
 us/cm = microsiemens per centimeter  
 ppt = parts per thousand  
 cfs = cubic feet per second  
 ft = height of water on staff gauge in feet  
 cfu = colony forming units per 100 ml  
 ND = concentration was below detection limits for method

VisitDate	pH Units	DO mg/L	DO % sat	Temp °C	Turb NTU	Cond us/cm	CondTemp us/cm	Sal ppt	Discharge cfs	Staff ft	Fecal Coliform cfu	Nitrite + Nitrate mg/L	Total Kjeldahl Nitrogen mg/L	Total Phosphorus mg/L	Orthophosphate mg/L	Nitrate mg/L	Ammonia mg/L	TSS mg/L	
4/26/2000 11:55	7.27	10.01		8.5	1.73	44.7		0			120			0.16	ND	0.5	ND	ND	
5/9/2000 10:25	7.2	8.57	69.9	8.7	3.24	51.8		0			460			ND	ND	0.3	ND	ND	
5/23/2000 10:00	7.07	7.23	64.1	10	2.56	63.2		0			75								
6/5/2000 10:35	7.01	6.94	67.7	12.6	3.72	79.7		0.1			39			0.09	0.07	0.2	ND	ND	
6/20/2000 10:15	7.22	7.9	70.9	11.2	2.81	59.4		0			690								
7/5/2000 11:10	6.96	6.32	53.5	13.3	9.22	99.1		0.1			2500								
7/18/2000 10:30	7.23	4.65	48.1	16.7	8.47	113.4		0.1			1100								
8/1/2000 10:10	6.78	4.61	48.8	17.4	6.12	128.3		0.1			240			0.24	0.12	ND	0.2	6	
8/29/2000 13:10	7.27	4.7	48.1	14.4	4.36	106.5		0.1			93			0.08	ND	ND	0.2	5	
9/25/2000 14:35	7.22	6.71	61.3	11.4	5.61	94.2		0.1			240			ND	ND	0.3	0.06	ND	
10/24/2000 13:45	6.87	6.05	53.7	9.9	2.07	61		0			240			ND	ND	0.74	0.38	ND	
11/20/2000 13:45	6.85	7.39	58.9	5.8	1.82	67.3		0			53			ND	ND	0.74	0.05	ND	
12/19/2000 10:15	7.45	10.03	79.2	4.1	1.92	34		0			2500			ND	ND	1.36	0.06	ND	
1/23/2001 14:20	7.15	8.94	71.4	5.9	1.84	40.9		0			2500			ND	ND	1	0.07	11	
2/20/2001 13:13	7.32	10.92	89	4.5	1.82	53.5		0.1			2500			0.05	ND	1.09	0.05	ND	
3/20/2001 14:15	7.77	9.82	82.3	8.3	2.02	31.2		0			39			0.18	0.13	0.58	0.14	ND	
4/17/2001 13:00	7.13	12.1	107.4	10.3	23	0		0			1100			0.07	0.09	0.4	0.09	6	
5/15/2001 13:10	7.59	9.44	84	10	4.62	36.9		0			2500			0.07	0.08	0.33	0.11	ND	
6/12/2001 14:00	7.36	9.87	88.88	10.8	11.8	23.8		0			2500			0.2	0.09	0.4	0.16	12	
7/10/2001 14:20	6.66	6.11	60.1	15.9	5.72	98.3		0.1			460			0.15	0.08	0.2	0.07	ND	
8/7/2001 13:45	7.35	4.42	45.5	16.1	4.81	116.2	139.9	0.1			1100			0.12	0.12	0.3	0.09	ND	
9/4/2001 14:45	7.07	4.35	42.8	14.2	3.65	112.4	141.3	0.1			240			0.29	0.07	0.2	0.14	ND	
10/2/2001 2:10	7.14	4.48	40.9	11.3	3.89	114.1	154.4	0.1			43			ND	0.06	0.2	0.22	ND	
10/30/2001 14:25	7.24	9.4	80.8	8.6	7.24	56.9	82.8	0			460			ND	ND	1.4	0.05	ND	
11/27/2001 13:45	7.42	8.83	74.5	6.9	3.34	43.1	65.9	0			2500			0.05	0.07	1.1	0.14	ND	
12/18/2001 14:10	6.61	9.65	76.3	5.5	3.94	27.4	43.8	0			460			0.09	0.05	1.04	0.38	ND	
1/22/2002 2:00	7.43	7.62	57.2	3.3	4.34	38.6	66	0			460			0.05	0.07	0.93	ND	ND	
2/19/2002 14:25	6.93	9.21	73.8	5.8	9.29	29	45.6	0			210								
3/19/2002 13:55	7.27	11.02	84	3.7	10.07	35.9	60.6	0			1100			0.14	0.08	0.49	0.12		
4/16/2002 13:50	7.04	10.08	84.7	7.7	4.25	29.7	44.4	0			460			0.08	ND	0.47	ND	ND	
5/14/2002 14:35	7.17	7.81	71	11.6	5.39	54.2	72.8	0			2500			0.1	ND	0.23	0.21	ND	
6/11/2002 14:35		6.34	64.4	14.6	3.48	90	112.6	0.1			1100			ND	ND	0.1	0.1	ND	
7/9/2002 14:05	7.05	6.65	66.6	14.9	4.19	74.1	91.2	0			460			ND	ND	0.13	0.09	ND	
8/6/2002 15:20	7.08	5.55	56.7	14.7	5.31	101.3	126.2	0		1.05	43								
9/3/2002 14:00	7.12	4.47	40	14.6	8.01	138.1	172.8	0.1			900			ND	ND	ND	0.12	ND	
10/1/2002 14:00	7.02	5.75	52.8	10.8	4.11	105.9	145.5	0.1			170			ND	ND	ND	0.12	ND	
10/29/2002 13:40	6.95	6.98	58.9	7.2	3.23	94.8	143.9	0			110			ND	ND	ND	0.09	ND	
11/25/2002 13:45	6.83	9.6	75.6	5	1.96	80.8	130.8	0.1		1.1	500			ND	ND	1.6	0.23	ND	
12/12/2002 10:30					5.8						500								
12/23/2002 13:45	6.82	10.87	83.7	4.2	1.57	59.4	98.7	0						ND	ND	1.62	0.07	ND	
1/21/2003 13:50	6.89	8.51	68.3	5.7	2.54	57.3	91	0			130			ND	ND	1.24	0.07	ND	
2/18/2003 13:40	6.74	11.11	91	6.7		46	70.8	0			130			ND	ND	0.96	ND	ND	
3/18/2003 14:20	6.27	9.5	80	7.7	3.13	40.3	60.2	0			80			ND	ND	0.68	ND	ND	
4/15/2003 13:45	6.61	9.86	86.2	9.4	2.07	45.6	64.8	0			34			ND	ND	0.56	ND	ND	
5/13/2003 13:45	6.65	8.08	72.9	11.6	2.78	84.8	114.3	0.1			80			2.2	ND	0.22	ND	ND	
6/10/2003 13:20	7.07	5.54	56.3	15.1	6.25	120.6	149	0			2500			0.28	0.07	0.166	0.25	ND	
No.	44.00	45.00	44.00	45.00	45.00	45.00	25.00	45.00	0.00	2.00	45.00	0.00	0.00	20.00	15.00	34.00	30.00	5.00	
Mean	7.07	7.87	68.00	9.92	4.87	68.53	99.57	0.04	#DIV/0!	1.08	804.87	#DIV/0!	#DIV/0!	0.23	0.08	0.64	0.14	8.00	
SD	0.29	2.19	15.53	3.99	3.71	33.56	39.74	0.05	#DIV/0!	0.04	914.74	#DIV/0!	#DIV/0!	0.47	0.02	0.45	0.09	3.24	
Max	7.77	12.10	107.40	17.40	23.00	138.10	172.80	0.10	0.00	1.10	2500.00	0.00	0.00	2.20	0.13	1.62	0.38	12.00	
Min	6.27	4.35	40.00	3.30	1.57	0.00	43.80	0.00	0.00	1.05	34.00	0.00	0.00	0.05	0.05	0.10	0.05	5.00	