

Lake Valley Road Parameter/Date	10/4/1994	10/5/1994	10/6/1994	4/26/1995	4/27/1995	4/28/1995	9/5/1995	9/6/1995	9/7/1995	Average	Stand. Dev
Temp. Centigrade	9.7	10.4	8.3	10.8	11.2	14	16.8	17.7	22.4	13.47778	4.632164
DO (mg/l)	9	9.4	9.6	10.6	11.4	9.2	7.5	7.1	7.8	9.066667	1.420387
pH	7.7	8.1	7.8	7.9	7.8	7.4	7.8	7.6	7.7	7.755556	0.194365
Conductivity	250.3	254.1	255.1	240	260	260	305	330	334	276.5	36.23476
CBOD-5 (mg/l)	1.0K	2.1J	1.0K	2.1J	1.0K	1.0K	1.3J	1.2J	1.0K	1.3K	0.47K
NO2-N (mg/L)	0.0045	0.0063	0.004	0.005	0.005	0.008	0.008	0.008	0.011	0.006644	0.00228
NO3-N (mg/l)	0.727	0.726	0.757	0.93	0.97	0.91	0.92	0.97	0.72	0.847778	0.111641
TKN (mg/l)	0.908J	0.875J	0.937J	0.39	0.1	0.08	0.16	0.11	0.17J	0.415J	0.381J
Ortho-P (mg/l)	0.014	0.013	0.013	0.02K	0.02K	0.02K	0.02K	0.03	0.02	0.019K	0.005K
Total P (mg/l)	0.018	0.014	0.015	0.04	0.04	0.04	0.06	0.05	0.06	0.037444	0.018118
TSS (mg/l)	2.8 2K	2K	5	6	6	6	4	10	6	4.877K	2.54K
TDS (mg/l)	244	150	174	150J	158	180	200	240	240	192.9	39.6
Alkalinity (mg/l)	52	54	54	47	45	46	57	58	51	51.55556	4.719934
Cl (mg/l)	34	32	32	32	36	30	38	47	53	37.11111	7.833333
NH3-N (mg/l)	0.069	0.067K	0.035	0.03K	0.03K	0.04	0.05	0.03	0.04	0.037K	0.169K
Chlorophyll A (ppb)	2.97	3.56	3.53	4.72	4.55	5.03	10.9	3.5	7.89	5.183333	2.591978
Fecal Coliform	260	170	270	140	80	50	1300	790	490	246.5245	2.87
Enterococcus	160	40	60	380	100K	160	300	320	210	153.4K	2.17K
Fecal Strep											
Flow (CFS)	20	19	19	37	34	35	14	14	14	22.88889	9.84941
Time (hrs)	945	1030	930	1005	1115	1015	936	900	1115		

9/10/2001	4/11/2002	9/11/2002	10/9/2002	Average	Stand. Dev
19.6	10.7	20.2	11.4	15.475	5.123394
7.7	11.1	7.71	9.01	8.88	1.602768
7.6	7.6	7.3	7.28	7.445	0.179165
305	343	FE	337.5	328.5	20.5
4K	6K	6K	6K	5.5K	1.0K
0.007	0.005	0.008	0.005K	0.0063K	0.0015K
0.82	0.62	0.59	0.49	0.63	0.138323
1.42	1.34	0.94	1.27	1.2425	0.210772
0.05	0.01	0.03	0.04	0.0325	0.017076
0.04	0.03	0.04	0.04	0.0375	0.005
2	1	4	1K	2.0K	1.41K
262	153	295	217	231.75	61.46747
60	56	62	66	61	4.163332
50	58	54	48	52.5	4.434712
0.05K	0.05K	0.1	0.05K	0.063K	0.025K
2.14	1.07	2.14	1.07	1.605	0.617765
860	200	560	390	412	1.7
230	60	210	290	170.3	2.03
560	70	230	130	185	2.4
1000	1025	1015	1015	15.25	2.217356

Lake Valley Road Parameter/Date	8/11/2010	6/9/2011	10/11/2011	Average	Stand. Dev.
Temp. Centigrade	23.1	20	15	19.36667	4.086971
DO (mg/l)	5.8	8.1	8.7	7.533333	1.530795
pH	7.6	7.7	7.2	7.5	0.264575
Spec. Conductivity	435.3	415.4	401.9	417.5333	16.80188
CBOD (mg/l)	6K	6K	6K	6K	0
NO2-N (mg/L)	0.008	0.007	0.005K	0.0067K	0.0015K
NO3-N (mg/l)	0.59	1.11	1.03	0.91	0.28
TKN (mg/l)	0.5K	0.5K	0.5K	0.5K	0
Ortho-P (mg/l)	0.02	0.02	0.01K	0.017K	0.0058K
Total P (mg/l)	0.1K	0.1K	0.1K	0.1K	0
TSS (mg/l)	8	10	4	7.333333	3.05505
TDS (mg/l)	231	222	250	234.3333	14.29452
Alkalinity (mg/l)	65	48	52	55	8.888194
Cl (mg/l)	0.09	0.14	0.14	0.123333	0.028868
NH3-N (mg/l)	0.1	0.36K	0.1	0.179K	0.202K
Chlorophyll A (ppb)	456	230	110	225	2.02
Fecal Coliform	200	110	140	67.5	2.9
Enterococcus	14	46	46	35.33333	18.47521
Fecal Strep	945	945	930		
Flow (CFS)					
Time (hrs)					
K - less than					
J - estimated value					
Note: all flows measured at the Morristown Gage					
LE-lab Error					
FE-Field Error					

Speedwell Ave. Parameter/Date	10/4/1994	10/16/1994	10/16/1994	4/26/1995	4/27/1995	4/28/1995	9/5/1995	9/6/1995	9/7/1995	Average	Stand.Dev	
Temp. Centigrade	12.5	12.5	11.1	13.5	13.4	16	20.8	20.8	20.8	21.2	15.75556	4.094237
DO (mg/l)	9.4	9.8	9.3	10.8	9.8	9.2	8.9	7.3	7.3	6.9	9.044444	1.22985
pH	7.7	8	7.8	7.9	7.6	7.7	8	7.7	7.7	7.6	7.777778	0.156347
Conductivity	379.3	398.7	402.1	350	340	320	496	502	502	498	409.5667	71.89089
CBOD-5 (mg/l)	1K	2.5	1K	2.2J	1.1J	1.0K	2.1	2.0J	1.0K	1.54K	0.64K	
NO2-N (mg/l)	0.017	0.02	0.018	0.02	0.02	0.02	0.039	0.048	0.049	0.027889	0.013411	
NO3-N (mg/l)	2.25	2.5	2.69	1.5	1.7	1.8	3.1	3.4	3.3	2.471111	0.709849	
TKN (mg/l)	2.89	2.98	3.04	0.29	0.18	0.25	0.29	LE	LE	1.417143	1.453682	
Ortho-P (mg/l)	0.083	0.079	0.071	0.06	0.11	0.07	0.46	0.46	0.48	0.208111	0.19448	
Total P (mg/l)	0.112	0.096	0.097	0.11	0.17	0.12	0.64	0.52	0.58	0.271667	0.234186	
TSS (mg/l)	5.6	5.6	3.6	12	5	5	9	12	10	7.533333	3.238827	
TDS (mg/l)	166	239	228	172J	213	240	330	340	320	249.8	65.8	
Alkalinity (mg/l)	60	63	65	53	55	56	76	78	78	64.88889	10.08023	
Cl (mg/l)	58	10	61	50	50	61	68	70	70	55.33333	18.62122	
NH3-N (mg/l)	0.07K	0.049	0.058	0.04	0.05	0.05	0.17	0.14	0.15	0.079K	0.678K	
Chlorophyll A (ppb)	2.41	4.36	2.38	10.6	9.31	9.74	11.96	10.78	4.36	7.322222	3.874773	
Fecal Coliform	170	490	1100	1400	1400	790	460	790	490	646.9	1.9	
Enterococcus	70	60	310	40	150	140	50	40	70	81.2	2	
Fecal Strep	20	19	19	37	34	35	14	14	14	22.88889	9.64941	
Flow (CFS)	1330	1230	1130	1200	900	920	1145	1130	815			
Time (Hrs)												

K- less than  
 J- estimated value  
 Note: all flows measured at the Morristown Gage  
 LE-Lab Error  
 FE-Field Error

Speedwell Ave. Parameter/Date	8/20/2008	8/11/2010	6/9/2011	10/11/2011	Average	Stand.Dev
Temp. Centigrade	21	24.7	21.8	15.6	20.7	4.64656
DO (mg/l)	7.8	7.7	7.6	8.7	7.76667	0.862168
pH				7.2	7.6	0.4
Spec. Conductivity	601	693	536	510	579.6667	99.00673
CBOD (mg/l)	6K	6K	6K	6K	6K	0
NO2-N (mg/L)	0.037	0.055	0.019	0.009	0.027667	0.024194
NO3-N (mg/l)	1.93	2.15	1.41	1.48	1.68	0.408534
TKN (mg/l)	0.59	0.68	0.5K	0.52	0.567K	0.0887K
Ortho-P (mg/l)	0.17	0.23	0.07	0.08	0.126667	0.089629
Total P (mg/l)	0.15	0.28	0.1K	0.11	0.163K	0.10K
TSS (mg/l)	2	6	6	10	7.333333	2.309401
TDS (mg/l)	360	360	272	291	307.6667	46.30695
Alkalinity (mg/l)	74	74	48	52	58	14
Cl (mg/l)						
NH3-N (mg/l)	0.16	0.18	0.13	0.13	0.146667	0.028668
Chlorophyll A (ppb)	8.4	38.9	3.1	3	4.8	3.031501
Fecal Coliform	40	170	170	200	179.5	1.098
Enterococcus	10K	20	40	70	38.3	1.873
Fecal Strep						
Flow (CFS)	15	14	46	46	35.33333	18.47521
Time (Hrs)	1035	1040	1030	1010		

K- less than  
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Speedwell Ave. Parameter/Date	9/10/2001	4/11/2002	9/11/2002	10/9/2002	Average	Stand.Dev
Temp. Centigrade	21.8	14.7	19	14.6	17.525	3.511291
DO (mg/l)	8.5	10.7	8.5	8.74	9.11	1.066021
pH	7.9	8	7.6	7.45	7.7375	0.256174
Conductivity	530	544	544	555	543	12.5
CBOD-5 (mg/l)	4K	6K	6K	6K	5.5K	1K
NO2-N (mg/l)	0.029	0.025	0.043	0.032	0.03225	0.007719
NO3-N (mg/l)	2.73	1.84	2.24	2.31	2.28	0.364509
TKN (mg/l)	1.55	1.33	0.91	1.39	1.2925	0.27183
Ortho-P (mg/l)	0.24	0.06	0.31	0.24	0.2125	0.106888
Total P (mg/l)	0.26	0.11	0.4	0.3	0.2875	0.120381
TSS (mg/l)	3	3	5	5	4	1.154701
TDS (mg/l)	398	306	483	287	368.5	90.42308
Alkalinity (mg/l)	82	74	80	84	80	4.320484
Cl (mg/l)	101	98	104	96	99.75	3.5
NH3-N (mg/l)	0.07	0.06	0.18	0.09	0.1	0.054772
Chlorophyll A (ppb)	1.07	3.2	4.27	2.14	2.67	1.376203
Fecal Coliform	200	40	220	140	125.3	2.19
Enterococcus	10K	10K	80	70	27.4K	3.2K
Fecal Strep	10K	10K	170	100	36.1K	4.47K
Flow (CFS)	1050	1055	1040	1045	15.25	2.217356
Time (Hrs)						

K- less than  
 J- estimated value  
 Note: all flows measured at the Morristown Gage  
 LE-Lab Error  
 FE-Field Error

S. Jefferson Rd.												
Parameter/Date	10/4/1994	10/5/1994	10/6/1994	4/26/1995	4/27/1995	4/28/1995	9/5/1995	9/6/1995	9/7/1995	Average	Stand.Dev	
Temp. Centigrade	13	12.9	11.2	15	17	17.6	20.2	20.1	20.2	21	16.44444	3.603509
DO (mg/l)	15.2	11	11.6	13.1	14	12.8	9.2	9.2	7	6.6	11.16667	3.020761
pH	8.3	8.5	8.4	9.2	9.4	9.2	8.6	8.2	8.2	8.1	8.71111	0.467559
Conductivity	455.3	443.1	557.8	460	460	500	564	540	554	503.8	50.322219	1.37K
CBOD-5 (mg/l)	1K	1.1	1K	2.1J	1.5J	1.0K	1.6J	2.0J	1.0K	1.37K	0.45K	0.005723
NO2-N (mg/L)	0.012	0.013	0.013	0.017	0.017	0.031	0.014	0.016	0.017	0.016667	0.005723	0.001708
NO3-N (mg/l)	3.62	3.18	3.25	3.5	4	3.7	3.92	3.88	3.87	3.657778	0.296428	0.763008
TKN (mg/l)	3.94J	3.45J	3.7	0.39	0.45	0.37 LE	0.46	0.26	0.46	1.63	1.72	0.201494
Ortho-P (mg/l)	0.5	0.36	0.39	0.48	0.6	0.54	0.62	0.68	0.69	0.54	0.118427	0.040311
Total P (mg/l)	0.45	0.35	0.36	0.56	0.67	0.59	0.72	0.75	0.73	0.575556	0.157717	0.042032
TSS (mg/l)	2.4	3.2	2.0K	8	4	26	3	5	11	7.18K	7.64K	0.57735
TDS (mg/l)	252	269	327	300	280	240	350	350	380	305.3333	48.91063	62.44731
Alkalinity (mg/l)	74	76	77	64	67	68	94	91	91	78	11.35782	89.25
Cl (mg/l)	67	64	98	72	68	74	79	79	78	75.44444	10.0761	4.425306
NH3-N (mg/l)	.007K	.007K	0.012	.03K	0.03	.03K	0.05	.03K	.03K	.0251K	.014K	119.5
Chlorophyll A (ppb)	2.85	3.36	3.4	16.12	12.69	18.34	8.65	9.77	8.96	9.126667	5.670877	2.367685
Fecal Coliform	170	460	230	490	130	20	1700	1300	260	286.9	3.76	2.42
Enterococcus	50	10K	50	40	360	80	110	120	60	66.1K	2.87K	3.18K
Fecal Strept	20	19	19	37	34	35	14	14	14	22.86889	9.64941	15.25
Flow (CFS)	1030	930	945	1030	1200	1100	1015	830	800	1100	1120	1125
Time (Hrs)												
K- less than												
J- estimated value												
Note: all flows measured at the Morristown Gauge												
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9/10/2001 4/11/2002 9/11/2002 10/9/2002 Average Stand. Dev

23	15.4	22.9	15	19.075	4.47763
10.8	15.3	10.6	11.6	12.075	2.192981
8.4	8.8	8.2	8.27	8.4175	0.288126
650	722	LE	632	668	47.62352
4K	6K	6K	6K	5.5K	1.0K
0.017	0.019	0.015	0.018	0.01725	0.001708
3.13	4.75	3.14	3.57	3.6475	0.763008
0.87	1	0.82	1.27	0.99	0.201494
0.13	0.07	0.15	0.16	0.1275	0.040311
0.15	0.1	0.2	0.17	0.155	0.042032
FE	2	2	1	1.666667	0.57735
448	420	470	328	416.5	62.44731
94	86	85	92	89.25	4.425306
116	129	122	111	119.5	7.767453
.05K	0.05	.05K	.05K	.05K	OK
6.41	2.14	2.14	1.07	2.94	2.367685
490	70	390	330	257.8	2.42
40	10K	100	130	47.8K	3.18K
360	20	40	70	67	3.4
1100	1120	1105	1125	15.25	2.217356

S. Jefferson Rd.										
Parameter/Date	8/20/2008	8/11/2010	6/9/2011	10/11/2011	Average	Stand. Dev.				
Temp. Centigrade	20.9	26	23.8	17.1	22.3	4.635731				
DO (mg/l)	10	9.5	8.2	10.5	9.4	1.153256				
pH	8.4	8.4	7.9	7.9	8.066667	0.288675				
Spec. Conductivity	695	816	691	639	715.3333	90.97436				
CBOD (mg/l)	6K	6K	6K	6K	0	0				
NO2-N (mg/L)	0.045	0.029	0.045	0.022	0.032	0.01179				
NO3-N (mg/l)	2.03	1.37	2.11	1.98	1.82	0.395095				
TKN (mg/l)	0.57	0.5K	0.81	0.61	0.64K	0.157K				
Ortho-P (mg/l)	0.1	0.11	0.26	0.07	0.146667	0.100167				
Total P (mg/l)	0.12	0.14	0.19	0.16	0.163333	0.025166				
TSS (mg/l)	1K	6	1	1	2.866667	2.866751				
TDS (mg/l)	400	438	330	294	354	74.93998				
Alkalinity (mg/l)	84	83	64	67	71.33333	10.21437				
Cl (mg/l)										
NH3-N (mg/l)	0.05	0.05	0.31	0.18	0.18	0.13				
Chlorophyll A (ppb)	6	6.8	2.3	6.4	5.866667	3.332166				
Fecal Coliform	230	150	130	130	136.4	1.086				
Enterococcus	30	10K	20	20	15.9K	1.49K				
Fecal Strept										
Flow (CFS)	15	14	46	46	35.33333	18.47521				
Time (Hrs)	1105	1120	1050	1035						
K- less than										
J- estimated value										
Note: all flows measured at the Morristown Gauge										
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Melanie Lane		10/4/1994	10/5/1994	10/6/1994	4/26/1995	4/27/1995	9/5/1995	9/6/1995	9/7/1995	Average	Stand.Dev
Parameter/Date											
Temp. Centigrade	20.3	13	11.5	14.6	14.9	17.1	19.8	20.7	21.3	16.12222	3.750926
DO (mg/l)	7.8	9.4	9.5	10	9.6	9.9	7.3	7.7	7.2	8.622222	1.280408
pH	7.8	8.3	7.7	8.1	7.8	7.8	8	8	8	7.9	0.187083
Conductivity	482.97	484.6	508.8	460	460	490	652	606	624	522.0411	82.87666
CBOD-5 (mg/l)	1.1K	2.1	1.0K	2.6J	2.2J	1.1K	1.1K	1.6J	1.0K	1.5K	0.62K
NO2-N (mg/L)	0.014	0.014	0.013	0.039	0.039	0.036	0.045	0.015	0.015	0.017	0.023111
NO3-N (mg/l)	3.24	3.43	3.49	2.9	2.7	2.7	4.31	4.32	4.47	3.506667	0.705479
TKN (mg/l)	3.64J	3.99J	3.19	0.14	0.59	0.48	0.44	LE	0.51	1.62	1.66
Ortho-P (mg/l)	0.452	0.398	0.544	0.39	0.36	0.37	0.74	0.77	0.78	0.533778	0.180927
Total P (mg/l)	0.423	0.465	0.51	0.48	0.42	0.43	0.92	0.83	0.84	0.593111	0.206406
TSS (mg/l)	2K	2.8	4.4	8	8	12	7	12	12	25.902K	6.97K
TDS (mg/l)	276	289	292	290J	282	240	360	330	430	312.3	58.7
Alkalinity (mg/l)	84	86	91	75	75	78	101	98	100	87.55556	10.47749
Cl (mg/l)	71	66	68	63	65	68	88	82	90	73.44444	10.36956
NH3-N (mg/l)	.007K	.007K	.007K	0.06	0.09	0.11	0.06	.03K	.03K	0.446K	0.38K
Chlorophyll A (ppb)	0.006	0.007	0.005	28.5	23.7	27.6	8.16	9.37	11.71	12.11756	11.75633
Fecal Coliform	80	130	490	170	210	50	790	1300	1100	279.1	3.24
Enterococcus	50	10K	60	20	30	60	250	380	70	57.8	3.12K
Fecal Strept	20	19	19	37	34	35	14	14	14	22.86869	9.64941
Flow (CFS)	1200	1100	1100	1130	1115	930	1040	1030	1030		
Time (Hrs)											
K- less than											
J- estimated value											
Note: all flows measured at the Morristown Gage											
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FE-Field Error											

Melanie Lane		9/10/2001	4/11/2002	9/11/2002	10/9/2002	Average	Stand.Dev
Parameter/Date							
Temp. Centigrade	20.3	14.7	20.3	14.7	18.25	4.27824	
DO (mg/l)	7.7	11.2	7.65	9.45	8.05	1.63758	
pH	7.9	8	7.8	7.8	7.875	0.095743	
Conductivity	697	688	LE	647	677.3333	26.65208	
CBOD-5 (mg/l)	4K	6K	6K	5.5K	1.0K		
NO2-N (mg/L)	0.015	0.031	0.015	0.01	0.01775	0.009142	
NO3-N (mg/l)	3.01	2.32	4	3.06	3.0975	0.689946	
TKN (mg/l)	0.86	1.03	0.8	1.14	0.9575	0.155833	
Ortho-P (mg/l)	0.12	0.08	0.13	0.12	0.1125	0.022174	
Total P (mg/l)	0.14	0.11	0.17	0.14	0.14	0.024495	
TSS (mg/l)	3	6	7	1	4.25	2.753785	
TDS (mg/l)	468	340	463	357	407	67.93624	
Alkalinity (mg/l)	104	88	98	95	96.25	6.652067	
Cl (mg/l)	121	122	125	108	119	7.527727	
NH3-N (mg/l)	.05K	0.07	0.06	0.07	0.063K	.0096K	
Chlorophyll A (ppb)	2.14	2.14	2.14	1.86K	0.57K		
Fecal Coliform	480	140	380	280	290.8	1.71	
Enterococcus	140	10K	230	170	86.0K	4.26K	
Fecal Strept	100	10K	120	130	62.8K	3.42K	
Flow (CFS)	1150	1200	1140	1145			
Time (Hrs)							
K- less than							
J- estimated value							
Note: all flows measured at the Morristown Gage							
LE-Lab Error							
FE-Field Error							

Melanie Lane		8/11/2010	6/9/2011	10/11/2011	Average	Stand.Dev
Parameter/Date						
Temp. Centigrade	20.3	24.3	16.9	22.36667	4.801389	
DO (mg/l)	7.3	7	8.2	7.466667	0.64291	
pH	7.8	7.7	FE	7.75	0.070711	
Spec. Conductivity	746	881	711	672	758	116.8204
CBOD (mg/l)	6K	6K	6K	6K	0	
NO2-N (mg/L)	0.017	0.025	0.015	0.019	0.005292	
NO3-N (mg/l)	1.85	1.8	1.68	1.983333	0.425715	
TKN (mg/l)	0.08	0.6	1.01	0.72	0.776667	0.210792
Ortho-P (mg/l)	0.09	0.11	0.15	0.05	0.103333	0.050332
Total P (mg/l)	2	4	10	9	7.666667	3.21455
TSS (mg/l)	424	466	372	362	400	57.37595
TDS (mg/l)	92	92	70	75	79	11.53256
Alkalinity (mg/l)	0.09	0.06	0.15	0.14	0.116667	0.049329
Cl (mg/l)	2.8	3.3	2.8	3.4	3.5	0.754983
NH3-N (mg/l)	120	230	420	170	250.44	1.59
Chlorophyll A (ppb)	30	30	1200	30	102.6	8.4
Fecal Coliform	15	14	46	46	35.33333	18.47521
Enterococcus	1130	1140	1115	1055		
Fecal Strept						
Flow (CFS)						
Time (Hrs)						
K- less than						
J- estimated value						
Note: all flows measured at the Morristown Gage						
LE-Lab Error						
FE-Field Error						

Parameter/Date	10/4/1994	10/5/1994	10/6/1994	4/28/1995	4/27/1995	4/28/1995	9/5/1995	9/6/1995	9/7/1995	Average	Stand. Dev
Temp. Centigrade	13.4	13.2	12	13.5	15	16.7	18.8	19.8	20.8	15.9111	3.232431
DO (mg/l)	9.8	9.9	10.2	7.3	8.5	6.9	7.5	7.7	7.2	8.333333	1.304799
pH	7.9	7.9	7.9	8.2	8	8	8.2	8	8.1	8.022222	0.120185
Conductivity	506.5	514.2	522.8	460	500	520	685	720	698	569.6111	100.6115
CBOD-5 (mg/l)	1K	1.7K	2.5J	1.8J	1K	1.8J	1.5J	1.2K	1.5K	1.5K	0.51K
NO2-N (mg/l)	0.011	0.011	0.01	0.035	0.036	0.043	0.015	0.016	0.016	0.021444	0.012798
NO3-N (mg/l)	3.248	3.37	3.371	3.7	3.1	3.5	5.6	6	5.4	4.143222	1.164229
TKN (mg/l)	3.697	3.667	3.682	0.82	0.32	0.99	0.17	LE	0.24	1.69825	1.66651
Ortho-P (mg/l)	0.425	0.463	0.511	0.49	0.45	0.48	0.96	0.98	1	0.639889	0.256416
Total P (mg/l)	0.429	0.467	0.51	0.63	0.61	0.69	1.2	1	1.1	0.737333	0.288181
TSS (mg/l)	7.2	6	10	38	30	57	15	26	34	24.8	16.96496
TDS (mg/l)	299	299	312	345J	300	330	310	510	490	355	83.8
Alkalinity (mg/l)	90	91	94	79	76	81	108	104	106	92.111111	11.99421
Cl (mg/l)	69	74	76	78	71	74	95	110	100	83	14.7394
NH3-N (mg/l)	0.035	.007K	0.035	0.12	0.14	0.21	0.1	0.05	0.05	0.083K	0.065K
Chlorophyll A (ppb)	6.35	7.16	6.45	FE	25.69	29.72	9.37	13	23.01	15.09375	9.562813
Fecal Coliform	790	230	230	270	490	270	700	1100	330	416.8	1.8
Enterococcus	140	90	40	10K	10	20	110	150	60	46.4K	2.94K
Fecal Strept											
Flow (CFS)	20	19	19	37	34	35	14	14	14	22.88889	9.64941
Time (hrs)	1500	1330	1300	745	1050	1000	805	915	745		
K- less than											

Parameter/Date	9/10/2001	4/11/2002	9/11/2002	10/9/2002	Average	Stand. Dev
Temp. Centigrade	24	15.4	21.9	14.4	18.925	4.74368
DO (mg/l)	9.3	10.7	8.4	9.92	9.58	0.973105
pH	8	7.8	8	7.69	7.8725	0.153921
Conductivity	720	720	FE	754	731.3333	19.62991
CBOD-5 (mg/l)	4K	6K	6K	6K	6.55K	1.0K
NO2-N (mg/l)	0.015	0.038	0.017	0.01	0.02	0.012356
NO3-N (mg/l)	3.97	3.05	5.63	4.65	4.325	1.089388
TKN (mg/l)	0.8	1.96	0.78	1.48	1.255	0.571635
Ortho-P (mg/l)	0.38	0.2	0.52	0.46	0.39	0.139044
Total P (mg/l)	0.4	0.24	0.55	0.5	0.4225	0.136717
TSS (mg/l)	2	8	3	1	3.5	3.109126
TDS (mg/l)	438	367	483	412	425	48.53178
Alkalinity (mg/l)	104	94	103	100	100.25	4.5
Cl (mg/l)	124	128	137	123	128	6.377042
NH3-N (mg/l)	0.08	0.13	0.15	0.1	0.115	0.031091
Chlorophyll A (ppb)	3.2	3.2	1.07	1.09	2.14	1.22401
Fecal Coliform	290	40	150	80	101.1	2.45
Enterococcus	60	10K	70	70	43.0K	2.6K
Fecal Strept	60	10K	40	10	22.1K	2.5K
Flow (CFS)	16	18	13	14	15.25	2.217356
Time (hrs)	1230	1240	1215	1210		
K- less than						

Parameter/Date	8/20/2008	8/11/2010	6/9/2011	10/11/2011	Average	Stand. Dev
Temp. Centigrade	21.4	26.7	24.8	17.3	22.83333	4.970245
DO (mg/l)	8.7	8.1	6.7	7	7.266667	0.737111
pH	7.9	8	7.6	FE	7.8	0.282843
Spec. Conductivity	638	977	749	686	804	153.098
CBOD (mg/l)	6K	6K	6K	6K	6K	0
NO2-N (mg/L)	0.015	0.025	0.031	0.018	0.024667	0.006506
NO3-N (mg/l)	3.88	3.57	2.16	1.96	2.563333	0.877515
TKN (mg/l)	0.63	0.61	0.85	0.56	0.673333	0.155027
Ortho-P (mg/l)	0.22	0.21	0.14	0.1	0.15	0.055678
Total P (mg/l)	0.23	0.24	0.12	0.11	0.156667	0.072342
TSS (mg/l)	1K	5	16	5	8.666667	6.350853
TDS (mg/l)	402	528	390	370	429.3333	86.031
Alkalinity (mg/l)	104	100	68	85	84.33333	16.01041
Cl (mg/l)						
NH3-N (mg/l)	0.11	0.08	0.21	0.17	0.153333	0.066583
Chlorophyll A (ppb)	2.1	2.2	2.8	2.1	2.3	0.43589
Fecal Coliform	10	100	230	70	117.2	1.84
Enterococcus	40	30	20	150	44.8	2.9
Fecal Strept						
Flow (CFS)	15	14	46	46	35.33333	18.47521
Time (hrs)	1200	1210	1145	1130		
K- less than						

Parameter/Date	8/20/2008	8/11/2010	6/9/2011	10/11/2011	Average	Stand. Dev
Temp. Centigrade	21.4	26.7	24.8	17.3	22.83333	4.970245
DO (mg/l)	8.7	8.1	6.7	7	7.266667	0.737111
pH	7.9	8	7.6	FE	7.8	0.282843
Spec. Conductivity	638	977	749	686	804	153.098
CBOD (mg/l)	6K	6K	6K	6K	6K	0
NO2-N (mg/L)	0.015	0.025	0.031	0.018	0.024667	0.006506
NO3-N (mg/l)	3.88	3.57	2.16	1.96	2.563333	0.877515
TKN (mg/l)	0.63	0.61	0.85	0.56	0.673333	0.155027
Ortho-P (mg/l)	0.22	0.21	0.14	0.1	0.15	0.055678
Total P (mg/l)	0.23	0.24	0.12	0.11	0.156667	0.072342
TSS (mg/l)	1K	5	16	5	8.666667	6.350853
TDS (mg/l)	402	528	390	370	429.3333	86.031
Alkalinity (mg/l)	104	100	68	85	84.33333	16.01041
Cl (mg/l)						
NH3-N (mg/l)	0.11	0.08	0.21	0.17	0.153333	0.066583
Chlorophyll A (ppb)	2.1	2.2	2.8	2.1	2.3	0.43589
Fecal Coliform	10	100	230	70	117.2	1.84
Enterococcus	40	30	20	150	44.8	2.9
Fecal Strept						
Flow (CFS)	15	14	46	46	35.33333	18.47521
Time (hrs)	1200	1210	1145	1130		
K- less than						

Edwards Road

Note: all flows measured at the Morristown Gage

J- estimated value  
 LE-Lab Error  
 FE-Field Error

