

**Appendix 5-5:
Water Year 2008 Water Quality
Data for STA-1W, STA-1E, STA-2,
STA-3/4, STA-5 and STA-6**

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Table 1A. Summary of annual arithmetic averages and flow-weighted mean concentrations for all parameters other than TP monitored in STA-1W.

Parameter	Arithmetic Means			Flow-Weighted Means			
	Inflow	Outflow		Total Inflow		Total Outflow	
	G302	G251	G310	n	Conc.	n	Conc.
Temperature (°C)	25.6	24.4	25.2	-NA-	-NA-	-NA-	-NA-
Dissolved Oxygen (mg/L)	4.7	1.8	4.7	-NA-	-NA-	-NA-	-NA-
Conductivity (µS/cm)	778	880	977	-NA-	-NA-	-NA-	-NA-
pH	7.5	7.3	7.6	-NA-	-NA-	-NA-	-NA-
Turbidity (NTU)	-NA-	4.6	2.9	-NA-	-NA-	-NA-	-NA-
Sulfate (mg/L)	26.9	46.7	55.4	0 (11)	-NA-	11 (52)	63.4
Alkalinity (mg CaCO ₃ /L)	205	231	234	7 (26)	283	11 (52)	221
Total Nitrogen (mg/L)	2.08	2.15	2.30	7 (25)	4.31	10 (50)	2.30
Nitrate + Nitrite (mg N/L)	0.171	0.034	0.118	7 (26)	0.898	10 (50)	0.138

-NA- : Not Applicable

n: number of samples with flow (total number of samples)

Table 1B. Water quality monitoring data for STA-1W.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
ENR012	05/03/2007	9:50	0	Alkalinity (mg CaCO ₃ /L)	293
ENR012	05/03/2007	9:50	0	Conductivity (µS/cm)	1019
ENR012	05/03/2007	9:50	0	Dissolved Oxygen (mg/L)	0.4
ENR012	05/03/2007	9:50	0	Nitrate + Nitrite (mg N/L)	<0.006
ENR012	05/03/2007	9:50	0	pH	7.4
ENR012	05/03/2007	9:50	0	Sulfate (mg/L)	39.4
ENR012	05/03/2007	9:50	0	Temperature (°C)	25.1
ENR012	05/03/2007	9:50	0	Total Phosphorus (mg/L)	0.056
ENR012	05/03/2007	9:50	0	Turbidity (NTU)	6.8
G302	05/03/2007	10:20	0	Alkalinity (mg CaCO ₃ /L)	142
G302	05/03/2007	10:20	0	Conductivity (µS/cm)	530
G302	05/03/2007	10:20	0	Dissolved Oxygen (mg/L)	6.09
G302	05/03/2007	10:20	0	Nitrate + Nitrite (mg N/L)	<0.006
G302	05/03/2007	10:20	0	pH	7.9
G302	05/03/2007	10:20	0	Temperature (°C)	27.5
G302	05/03/2007	10:20	0	Total Phosphorus (mg/L)	0.114
G310	05/03/2007	9:35	0	Alkalinity (mg CaCO ₃ /L)	295
G310	05/03/2007	9:35	0	Conductivity (µS/cm)	1218
G310	05/03/2007	9:35	0	Dissolved Oxygen (mg/L)	1.08
G310	05/03/2007	9:35	0	Nitrate + Nitrite (mg N/L)	0.026
G310	05/03/2007	9:35	0	pH	7.5
G310	05/03/2007	9:35	0	Sulfate (mg/L)	49.6
G310	05/03/2007	9:35	0	Temperature (°C)	25.2
G310	05/03/2007	9:35	0	Total Phosphorus (mg/L)	0.051
G310	05/03/2007	9:35	0	Turbidity (NTU)	4
ENR012	05/10/2007	9:05	0	Conductivity (µS/cm)	1026
ENR012	05/10/2007	9:05	0	Dissolved Oxygen (mg/L)	0.38
ENR012	05/10/2007	9:05	0	pH	7.3
ENR012	05/10/2007	9:05	0	Temperature (°C)	23.8
ENR012	05/10/2007	9:05	0	Total Phosphorus (mg/L)	0.055
G302	05/10/2007	9:30	0	Conductivity (µS/cm)	533.5
G302	05/10/2007	9:30	0	Dissolved Oxygen (mg/L)	2.37
G302	05/10/2007	9:30	0	pH	7.4
G302	05/10/2007	9:30	0	Temperature (°C)	23.6
G302	05/10/2007	9:30	0	Total Phosphorus (mg/L)	0.128
G310	05/10/2007	8:50	0	Conductivity (µS/cm)	1166
G310	05/10/2007	8:50	0	Dissolved Oxygen (mg/L)	0.38
G310	05/10/2007	8:50	0	pH	7.4
G310	05/10/2007	8:50	0	Temperature (°C)	24
G310	05/10/2007	8:50	0	Total Phosphorus (mg/L)	0.042
ENR012	05/17/2007	9:20	0	Alkalinity (mg CaCO ₃ /L)	161
ENR012	05/17/2007	9:20	0	Conductivity (µS/cm)	540
ENR012	05/17/2007	9:20	0	Dissolved Oxygen (mg/L)	6.47
ENR012	05/17/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.237

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
ENR012	05/17/2007	9:20	0	pH	7.7
ENR012	05/17/2007	9:20	0	Sulfate (mg/L)	18.8
ENR012	05/17/2007	9:20	0	Temperature (°C)	25.3
ENR012	05/17/2007	9:20	0	Total Phosphorus (mg/L)	0.06
ENR012	05/17/2007	9:20	0	Turbidity (NTU)	13.8
G302	05/17/2007	10:00	0	Alkalinity (mg CaCO ₃ /L)	156
G302	05/17/2007	10:00	0	Conductivity (µS/cm)	540
G302	05/17/2007	10:00	0	Dissolved Oxygen (mg/L)	4.59
G302	05/17/2007	10:00	0	Nitrate + Nitrite (mg N/L)	0.021
G302	05/17/2007	10:00	0	pH	7.5
G302	05/17/2007	10:00	0	Temperature (°C)	25.9
G302	05/17/2007	10:00	0	Total Phosphorus (mg/L)	0.123
G310	05/17/2007	9:05	0	Alkalinity (mg CaCO ₃ /L)	287
G310	05/17/2007	9:05	0	Conductivity (µS/cm)	1133
G310	05/17/2007	9:05	0	Dissolved Oxygen (mg/L)	2.95
G310	05/17/2007	9:05	0	Nitrate + Nitrite (mg N/L)	0.1
G310	05/17/2007	9:05	0	pH	7.7
G310	05/17/2007	9:05	0	Sulfate (mg/L)	47.1
G310	05/17/2007	9:05	0	Temperature (°C)	25.8
G310	05/17/2007	9:05	0	Total Phosphorus (mg/L)	0.032
G310	05/17/2007	9:05	0	Turbidity (NTU)	2.9
ENR012	05/24/2007	9:25	0	Conductivity (µS/cm)	564
ENR012	05/24/2007	9:25	0	Dissolved Oxygen (mg/L)	3.58
ENR012	05/24/2007	9:25	0	pH	7.3
ENR012	05/24/2007	9:25	0	Temperature (°C)	24.7
ENR012	05/24/2007	9:25	0	Total Phosphorus (mg/L)	0.059
ENR012	05/24/2007	9:30	24	Total Phosphorus (mg/L)	0.08
G302	05/24/2007	10:00	0	Conductivity (µS/cm)	636.7
G302	05/24/2007	10:00	0	Dissolved Oxygen (mg/L)	6.51
G302	05/24/2007	10:00	0	pH	7.9
G302	05/24/2007	10:00	0	Temperature (°C)	26.3
G302	05/24/2007	10:00	0	Total Phosphorus (mg/L)	0.093
G310	05/24/2007	9:00	0	Conductivity (µS/cm)	941.7
G310	05/24/2007	9:00	0	Dissolved Oxygen (mg/L)	2.78
G310	05/24/2007	9:00	0	pH	7.6
G310	05/24/2007	9:00	0	Temperature (°C)	26
G310	05/24/2007	9:00	0	Total Phosphorus (mg/L)	0.036
ENR012	05/31/2007	9:05	0	Alkalinity (mg CaCO ₃ /L)	208
ENR012	05/31/2007	9:05	0	Conductivity (µS/cm)	672.6
ENR012	05/31/2007	9:05	0	Dissolved Oxygen (mg/L)	3.5
ENR012	05/31/2007	9:05	0	Nitrate + Nitrite (mg N/L)	0.011
ENR012	05/31/2007	9:05	0	pH	7.2
ENR012	05/31/2007	9:05	0	Sulfate (mg/L)	17
ENR012	05/31/2007	9:05	0	Temperature (°C)	24.8
ENR012	05/31/2007	9:05	0	Total Phosphorus (mg/L)	0.049
ENR012	05/31/2007	9:05	0	Turbidity (NTU)	16.9
G302	05/31/2007	9:30	0	Alkalinity (mg CaCO ₃ /L)	188

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	05/31/2007	9:30	0	Conductivity (µS/cm)	668.9
G302	05/31/2007	9:30	0	Dissolved Oxygen (mg/L)	5.77
G302	05/31/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.008
G302	05/31/2007	9:30	0	pH	7.9
G302	05/31/2007	9:30	0	Temperature (°C)	27
G302	05/31/2007	9:30	0	Total Phosphorus (mg/L)	0.081
G310	05/31/2007	8:50	0	Alkalinity (mg CaCO ₃ /L)	246
G310	05/31/2007	8:50	0	Conductivity (µS/cm)	908.9
G310	05/31/2007	8:50	0	Dissolved Oxygen (mg/L)	5.39
G310	05/31/2007	8:50	0	Nitrate + Nitrite (mg N/L)	0.217
G310	05/31/2007	8:50	0	pH	8
G310	05/31/2007	8:50	0	Sulfate (mg/L)	33.6
G310	05/31/2007	8:50	0	Temperature (°C)	26
G310	05/31/2007	8:50	0	Total Phosphorus (mg/L)	0.035
G310	05/31/2007	8:50	0	Turbidity (NTU)	3.5
ENR012	06/07/2007	9:30	0	Conductivity (µS/cm)	590.7
ENR012	06/07/2007	9:30	0	Dissolved Oxygen (mg/L)	0.75
ENR012	06/07/2007	9:30	0	pH	7.1
ENR012	06/07/2007	9:30	0	Temperature (°C)	26
ENR012	06/07/2007	9:30	0	Total Phosphorus (mg/L)	0.049
G302	06/07/2007	10:20	0	Conductivity (µS/cm)	1053
G302	06/07/2007	10:20	0	Dissolved Oxygen (mg/L)	5.81
G302	06/07/2007	10:20	0	pH	7.8
G302	06/07/2007	10:20	0	Temperature (°C)	27.7
G302	06/07/2007	10:20	0	Total Phosphorus (mg/L)	0.061
G302	06/07/2007	10:25	24	Total Phosphorus (mg/L)	0.079
G310	06/07/2007	9:05	0	Conductivity (µS/cm)	1004
G310	06/07/2007	9:05	0	Dissolved Oxygen (mg/L)	1.31
G310	06/07/2007	9:05	0	pH	7.5
G310	06/07/2007	9:05	0	Temperature (°C)	25.5
G310	06/07/2007	9:05	0	Total Phosphorus (mg/L)	0.028
ENR012	06/14/2007	9:05	0	Alkalinity (mg CaCO ₃ /L)	211
ENR012	06/14/2007	9:05	0	Conductivity (µS/cm)	801.3
ENR012	06/14/2007	9:05	0	Dissolved Oxygen (mg/L)	3.87
ENR012	06/14/2007	9:05	0	Nitrate + Nitrite (mg N/L)	0.121
ENR012	06/14/2007	9:05	0	pH	7.6
ENR012	06/14/2007	9:05	0	Sulfate (mg/L)	28.1
ENR012	06/14/2007	9:05	0	Temperature (°C)	27.5
ENR012	06/14/2007	9:10	24	Total Phosphorus (mg/L)	0.049
ENR012	06/14/2007	9:05	0	Total Phosphorus (mg/L)	0.044
ENR012	06/14/2007	9:05	0	Turbidity (NTU)	11.1
G302	06/14/2007	9:45	0	Alkalinity (mg CaCO ₃ /L)	197
G302	06/14/2007	9:45	0	Conductivity (µS/cm)	875.1
G302	06/14/2007	9:45	0	Dissolved Oxygen (mg/L)	6.08
G302	06/14/2007	9:45	0	Nitrate + Nitrite (mg N/L)	<0.005
G302	06/14/2007	9:45	0	pH	7.8
G302	06/14/2007	9:45	0	Temperature (°C)	29.4
G302	06/14/2007	9:45	0	Total Phosphorus (mg/L)	0.068

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G310	06/14/2007	8:45	0	Alkalinity (mg CaCO ₃ /L)	280
G310	06/14/2007	8:45	0	Conductivity (µS/cm)	1124
G310	06/14/2007	8:45	0	Dissolved Oxygen (mg/L)	5.27
G310	06/14/2007	8:45	0	Nitrate + Nitrite (mg N/L)	0.297
G310	06/14/2007	8:45	0	pH	7.9
G310	06/14/2007	8:45	0	Sulfate (mg/L)	43.9
G310	06/14/2007	8:45	0	Temperature (°C)	28.5
G310	06/14/2007	8:45	0	Total Phosphorus (mg/L)	0.033
G310	06/14/2007	8:45	0	Turbidity (NTU)	2.9
ENR012	06/21/2007	9:15	0	Conductivity (µS/cm)	1359
ENR012	06/21/2007	9:15	0	Dissolved Oxygen (mg/L)	2
ENR012	06/21/2007	9:15	0	pH	7.6
ENR012	06/21/2007	9:15	0	Temperature (°C)	28
ENR012	06/21/2007	9:20	24	Total Phosphorus (mg/L)	0.056
ENR012	06/21/2007	9:15	0	Total Phosphorus (mg/L)	0.036
G302	06/21/2007	9:55	0	Conductivity (µS/cm)	813
G302	06/21/2007	9:55	0	Dissolved Oxygen (mg/L)	4.89
G302	06/21/2007	9:55	0	pH	7.7
G302	06/21/2007	9:55	0	Temperature (°C)	29.2
G302	06/21/2007	10:00	24	Total Phosphorus (mg/L)	0.126
G302	06/21/2007	9:55	0	Total Phosphorus (mg/L)	0.08
G310	06/21/2007	9:00	0	Conductivity (µS/cm)	1076
G310	06/21/2007	9:00	0	Dissolved Oxygen (mg/L)	3.8
G310	06/21/2007	9:00	0	pH	8
G310	06/21/2007	9:00	0	Temperature (°C)	29
G310	06/21/2007	9:00	0	Total Phosphorus (mg/L)	0.023
ENR012	06/28/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	297
ENR012	06/28/2007	10:40	0	Conductivity (µS/cm)	1117
ENR012	06/28/2007	10:40	0	Dissolved Oxygen (mg/L)	1.08
ENR012	06/28/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.074
ENR012	06/28/2007	10:40	0	pH	7.4
ENR012	06/28/2007	10:40	0	Sulfate (mg/L)	74.1
ENR012	06/28/2007	10:40	0	Temperature (°C)	27.4
ENR012	06/28/2007	10:40	0	Total Phosphorus (mg/L)	0.029
ENR012	06/28/2007	10:45	24	Total Phosphorus (mg/L)	0.055
ENR012	06/28/2007	10:40	0	Turbidity (NTU)	2.9
G302	06/28/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	186
G302	06/28/2007	11:30	0	Conductivity (µS/cm)	755.3
G302	06/28/2007	11:30	0	Dissolved Oxygen (mg/L)	4.86
G302	06/28/2007	11:30	0	Nitrate + Nitrite (mg N/L)	0.012
G302	06/28/2007	11:30	0	pH	7.7
G302	06/28/2007	11:30	0	Temperature (°C)	29.4
G302	06/28/2007	11:35	24	Total Phosphorus (mg/L)	0.127
G302	06/28/2007	11:30	0	Total Phosphorus (mg/L)	0.094
G310	06/28/2007	10:25	0	Alkalinity (mg CaCO ₃ /L)	270
G310	06/28/2007	10:25	0	Conductivity (µS/cm)	1075
G310	06/28/2007	10:25	0	Dissolved Oxygen (mg/L)	3.07
G310	06/28/2007	10:25	0	Nitrate + Nitrite (mg N/L)	0.139

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G310	06/28/2007	10:25	0	pH	7.8
G310	06/28/2007	10:25	0	Sulfate (mg/L)	45
G310	06/28/2007	10:25	0	Temperature (°C)	29.2
G310	06/28/2007	10:25	0	Total Phosphorus (mg/L)	0.023
G310	06/28/2007	10:25	0	Turbidity (NTU)	2.2
ENR012	07/03/2007	9:00	0	Conductivity (µS/cm)	1394
ENR012	07/03/2007	9:00	0	Dissolved Oxygen (mg/L)	2.4
ENR012	07/03/2007	9:00	0	pH	7.4
ENR012	07/03/2007	9:00	0	Temperature (°C)	28.9
ENR012	07/03/2007	9:05	24	Total Phosphorus (mg/L)	0.87
ENR012	07/03/2007	9:00	0	Total Phosphorus (mg/L)	0.987
G302	07/03/2007	9:30	0	Conductivity (µS/cm)	685
G302	07/03/2007	9:30	0	Dissolved Oxygen (mg/L)	3.8
G302	07/03/2007	9:30	0	pH	7.6
G302	07/03/2007	9:30	0	Temperature (°C)	30.1
G302	07/03/2007	9:30	0	Total Phosphorus (mg/L)	0.069
G302	07/03/2007	9:35	24	Total Phosphorus (mg/L)	0.086
G310	07/03/2007	8:45	0	Conductivity (µS/cm)	1132
G310	07/03/2007	8:45	0	Dissolved Oxygen (mg/L)	4.1
G310	07/03/2007	8:45	0	pH	7.9
G310	07/03/2007	8:45	0	Temperature (°C)	30.1
G310	07/03/2007	8:45	0	Total Phosphorus (mg/L)	0.03
ENR012	07/12/2007	8:40	0	Alkalinity (mg CaCO ₃ /L)	248
ENR012	07/12/2007	8:40	0	Conductivity (µS/cm)	1182
ENR012	07/12/2007	8:40	0	Dissolved Oxygen (mg/L)	3.54
ENR012	07/12/2007	8:40	0	Nitrate + Nitrite (mg N/L)	0.069
ENR012	07/12/2007	8:40	0	pH	7.3
ENR012	07/12/2007	8:40	0	Sulfate (mg/L)	172
ENR012	07/12/2007	8:40	0	Temperature (°C)	28.4
ENR012	07/12/2007	8:40	0	Total Phosphorus (mg/L)	0.337
ENR012	07/12/2007	8:40	0	Turbidity (NTU)	3.3
G302	07/12/2007	9:05	0	Alkalinity (mg CaCO ₃ /L)	220
G302	07/12/2007	9:05	0	Conductivity (µS/cm)	825
G302	07/12/2007	9:05	0	Dissolved Oxygen (mg/L)	5.14
G302	07/12/2007	9:05	0	Nitrate + Nitrite (mg N/L)	0.25
G302	07/12/2007	9:05	0	pH	7.5
G302	07/12/2007	9:05	0	Temperature (°C)	30.7
G302	07/12/2007	9:10	24	Total Phosphorus (mg/L)	0.089
G302	07/12/2007	9:05	0	Total Phosphorus (mg/L)	0.08
G310	07/12/2007	8:30	0	Alkalinity (mg CaCO ₃ /L)	259
G310	07/12/2007	8:30	0	Conductivity (µS/cm)	1167
G310	07/12/2007	8:30	0	Dissolved Oxygen (mg/L)	0.87
G310	07/12/2007	8:30	0	Nitrate + Nitrite (mg N/L)	0.012
G310	07/12/2007	8:30	0	pH	7.4
G310	07/12/2007	8:30	0	Sulfate (mg/L)	115
G310	07/12/2007	8:30	0	Temperature (°C)	29.3
G310	07/12/2007	8:30	0	Total Phosphorus (mg/L)	0.564
G310	07/12/2007	8:30	0	Turbidity (NTU)	2.3

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
ENR012	07/19/2007	9:50	0	Conductivity (µS/cm)	1113
ENR012	07/19/2007	9:50	0	Dissolved Oxygen (mg/L)	0.75
ENR012	07/19/2007	9:50	0	pH	7
ENR012	07/19/2007	9:50	0	Temperature (°C)	28
ENR012	07/19/2007	9:50	0	Total Phosphorus (mg/L)	0.205
G302	07/19/2007	10:30	0	Conductivity (µS/cm)	814.2
G302	07/19/2007	10:30	0	Dissolved Oxygen (mg/L)	1.99
G302	07/19/2007	10:30	0	pH	7.3
G302	07/19/2007	10:30	0	Temperature (°C)	32.1
G302	07/19/2007	10:30	0	Total Phosphorus (mg/L)	0.113
G310	07/19/2007	8:50	0	Conductivity (µS/cm)	1099
G310	07/19/2007	8:50	0	Dissolved Oxygen (mg/L)	1.72
G310	07/19/2007	8:50	0	pH	7.6
G310	07/19/2007	8:50	0	Temperature (°C)	30.2
G310	07/19/2007	8:50	0	Total Phosphorus (mg/L)	0.385
ENR012	07/26/2007	9:25	0	Alkalinity (mg CaCO ₃ /L)	241
ENR012	07/26/2007	9:25	0	Conductivity (µS/cm)	1048
ENR012	07/26/2007	9:25	0	Dissolved Oxygen (mg/L)	1.64
ENR012	07/26/2007	9:25	0	Nitrate + Nitrite (mg N/L)	0.062
ENR012	07/26/2007	9:25	0	pH	7.4
ENR012	07/26/2007	9:25	0	Sulfate (mg/L)	95.6
ENR012	07/26/2007	9:25	0	Temperature (°C)	27.2
ENR012	07/26/2007	9:25	0	Total Phosphorus (mg/L)	0.098
ENR012	07/26/2007	9:25	0	Turbidity (NTU)	3.1
G302	07/26/2007	10:00	0	Alkalinity (mg CaCO ₃ /L)	180
G302	07/26/2007	10:00	0	Conductivity (µS/cm)	625.6
G302	07/26/2007	10:00	0	Dissolved Oxygen (mg/L)	3.86
G302	07/26/2007	10:00	0	Nitrate + Nitrite (mg N/L)	<0.005
G302	07/26/2007	10:00	0	pH	7.6
G302	07/26/2007	10:00	0	Temperature (°C)	30.2
G302	07/26/2007	10:05	24	Total Phosphorus (mg/L)	0.13
G302	07/26/2007	10:00	0	Total Phosphorus (mg/L)	0.135
G310	07/26/2007	8:57	0	Alkalinity (mg CaCO ₃ /L)	240
G310	07/26/2007	8:57	0	Conductivity (µS/cm)	1084
G310	07/26/2007	8:57	0	Dissolved Oxygen (mg/L)	1.83
G310	07/26/2007	8:57	0	Nitrate + Nitrite (mg N/L)	0.043
G310	07/26/2007	8:57	0	pH	7.6
G310	07/26/2007	8:57	0	Sulfate (mg/L)	92.5
G310	07/26/2007	8:57	0	Temperature (°C)	28.9
G310	07/26/2007	8:57	0	Total Phosphorus (mg/L)	0.313
G310	07/26/2007	8:57	0	Turbidity (NTU)	2.9
ENR012	08/02/2007	9:00	0	Conductivity (µS/cm)	998
ENR012	08/02/2007	9:00	0	Dissolved Oxygen (mg/L)	0.48
ENR012	08/02/2007	9:00	0	pH	7.3
ENR012	08/02/2007	9:00	0	Temperature (°C)	27.5
ENR012	08/02/2007	9:00	0	Total Phosphorus (mg/L)	0.065
G302	08/02/2007	9:30	0	Conductivity (µS/cm)	944
G302	08/02/2007	9:30	0	Dissolved Oxygen (mg/L)	2.82

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	08/02/2007	9:30	0	pH	7.5
G302	08/02/2007	9:30	0	Temperature (°C)	29.6
G302	08/02/2007	9:30	0	Total Phosphorus (mg/L)	0.117
G302	08/02/2007	9:35	24	Total Phosphorus (mg/L)	0.17
G310	08/02/2007	8:45	0	Conductivity (µS/cm)	1113
G310	08/02/2007	8:45	0	Dissolved Oxygen (mg/L)	3.35
G310	08/02/2007	8:45	0	pH	7.6
G310	08/02/2007	8:45	0	Temperature (°C)	29
G310	08/02/2007	8:45	0	Total Phosphorus (mg/L)	0.228
ENR012	08/09/2007	9:50	0	Alkalinity (mg CaCO ₃ /L)	209
ENR012	08/09/2007	9:50	0	Conductivity (µS/cm)	984.3
ENR012	08/09/2007	9:50	0	Dissolved Oxygen (mg/L)	2.24
ENR012	08/09/2007	9:50	0	pH	7.2
ENR012	08/09/2007	9:50	0	Sulfate (mg/L)	107
ENR012	08/09/2007	9:50	0	Temperature (°C)	29.2
ENR012	08/09/2007	9:50	0	Total Phosphorus (mg/L)	0.049
ENR012	08/09/2007	9:50	0	Turbidity (NTU)	3.1
G302	08/09/2007	10:25	0	Alkalinity (mg CaCO ₃ /L)	261
G302	08/09/2007	10:25	0	Conductivity (µS/cm)	949.8
G302	08/09/2007	10:25	0	Dissolved Oxygen (mg/L)	2.32
G302	08/09/2007	10:25	0	Nitrate + Nitrite (mg N/L)	0.786
G302	08/09/2007	10:25	0	pH	7.2
G302	08/09/2007	10:25	0	Temperature (°C)	31.3
G302	08/09/2007	10:25	0	Total Phosphorus (mg/L)	0.152
G302	08/09/2007	10:30	24	Total Phosphorus (mg/L)	0.156
G310	08/09/2007	9:20	0	Alkalinity (mg CaCO ₃ /L)	192
G310	08/09/2007	9:20	0	Conductivity (µS/cm)	824.6
G310	08/09/2007	9:20	0	Dissolved Oxygen (mg/L)	3.17
G310	08/09/2007	9:20	0	pH	7.6
G310	08/09/2007	9:20	0	Sulfate (mg/L)	46.1
G310	08/09/2007	9:20	0	Temperature (°C)	31.5
G310	08/09/2007	9:20	0	Total Phosphorus (mg/L)	0.033
G310	08/09/2007	9:25	24	Total Phosphorus (mg/L)	0.08
G310	08/09/2007	9:20	0	Turbidity (NTU)	3.4
ENR012	08/15/2007	9:40	0	Conductivity (µS/cm)	966
ENR012	08/15/2007	9:40	0	Dissolved Oxygen (mg/L)	0.84
ENR012	08/15/2007	9:40	0	pH	7.1
ENR012	08/15/2007	9:40	0	Temperature (°C)	28.6
ENR012	08/15/2007	9:40	0	Total Phosphorus (mg/L)	0.053
G302	08/15/2007	10:20	0	Conductivity (µS/cm)	994
G302	08/15/2007	10:20	0	Dissolved Oxygen (mg/L)	1.56
G302	08/15/2007	10:20	0	pH	7.3
G302	08/15/2007	10:20	0	Temperature (°C)	30.4
G302	08/15/2007	10:20	0	Total Phosphorus (mg/L)	0.089
G302	08/15/2007	10:25	24	Total Phosphorus (mg/L)	0.127
G310	08/15/2007	9:15	0	Conductivity (µS/cm)	789
G310	08/15/2007	9:15	0	Dissolved Oxygen (mg/L)	2.54
G310	08/15/2007	9:15	0	pH	7.6

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G310	08/15/2007	9:15	0	Temperature (°C)	30.9
G310	08/15/2007	9:15	0	Total Phosphorus (mg/L)	0.035
G310	08/15/2007	9:20	24	Total Phosphorus (mg/L)	0.039
ENR012	08/22/2007	9:20	0	Alkalinity (mg CaCO ₃ /L)	225
ENR012	08/22/2007	9:20	0	Conductivity (µS/cm)	977.1
ENR012	08/22/2007	9:20	0	Dissolved Oxygen (mg/L)	2.66
ENR012	08/22/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.01
ENR012	08/22/2007	9:20	0	pH	7.3
ENR012	08/22/2007	9:20	0	Sulfate (mg/L)	103
ENR012	08/22/2007	9:20	0	Temperature (°C)	28.9
ENR012	08/22/2007	9:20	0	Total Phosphorus (mg/L)	0.051
ENR012	08/22/2007	9:20	0	Turbidity (NTU)	2.7
G302	08/22/2007	9:50	0	Alkalinity (mg CaCO ₃ /L)	209
G302	08/22/2007	9:50	0	Conductivity (µS/cm)	812.7
G302	08/22/2007	9:50	0	Dissolved Oxygen (mg/L)	4.72
G302	08/22/2007	9:50	0	Nitrate + Nitrite (mg N/L)	0.036
G302	08/22/2007	9:50	0	pH	7.6
G302	08/22/2007	9:50	0	Temperature (°C)	30.8
G302	08/22/2007	9:50	0	Total Phosphorus (mg/L)	0.14
G310	08/22/2007	9:00	0	Alkalinity (mg CaCO ₃ /L)	192
G310	08/22/2007	9:00	0	Conductivity (µS/cm)	833.6
G310	08/22/2007	9:00	0	Dissolved Oxygen (mg/L)	6.25
G310	08/22/2007	9:00	0	Nitrate + Nitrite (mg N/L)	0.029
G310	08/22/2007	9:00	0	pH	8
G310	08/22/2007	9:00	0	Sulfate (mg/L)	49.2
G310	08/22/2007	9:00	0	Temperature (°C)	31.1
G310	08/22/2007	9:05	24	Total Phosphorus (mg/L)	0.046
G310	08/22/2007	9:00	0	Total Phosphorus (mg/L)	0.032
G310	08/22/2007	9:00	0	Turbidity (NTU)	2
ENR012	08/30/2007	9:20	0	Conductivity (µS/cm)	894.2
ENR012	08/30/2007	9:20	0	Dissolved Oxygen (mg/L)	2.39
ENR012	08/30/2007	9:20	0	pH	7.4
ENR012	08/30/2007	9:20	0	Temperature (°C)	28.8
ENR012	08/30/2007	9:20	0	Total Phosphorus (mg/L)	0.052
G302	08/30/2007	9:50	0	Conductivity (µS/cm)	930.5
G302	08/30/2007	9:50	0	Dissolved Oxygen (mg/L)	3.31
G302	08/30/2007	9:50	0	pH	7.5
G302	08/30/2007	9:50	0	Temperature (°C)	30.5
G302	08/30/2007	9:55	24	Total Phosphorus (mg/L)	0.173
G302	08/30/2007	9:50	0	Total Phosphorus (mg/L)	0.157
G310	08/30/2007	9:05	0	Conductivity (µS/cm)	841.8
G310	08/30/2007	9:05	0	Dissolved Oxygen (mg/L)	3.57
G310	08/30/2007	9:05	0	pH	7.8
G310	08/30/2007	9:05	0	Temperature (°C)	30.2
G310	08/30/2007	9:05	0	Total Phosphorus (mg/L)	0.03
G310	08/30/2007	9:10	24	Total Phosphorus (mg/L)	0.071
ENR012	09/06/2007	9:10	0	Alkalinity (mg CaCO ₃ /L)	224
ENR012	09/06/2007	9:10	0	Conductivity (µS/cm)	894

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
ENR012	09/06/2007	9:10	0	Dissolved Oxygen (mg/L)	3.29
ENR012	09/06/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.008
ENR012	09/06/2007	9:10	0	pH	7.2
ENR012	09/06/2007	9:10	0	Sulfate (mg/L)	58.7
ENR012	09/06/2007	9:10	0	Temperature (°C)	28.9
ENR012	09/06/2007	9:10	0	Total Phosphorus (mg/L)	0.041
ENR012	09/06/2007	9:10	0	Turbidity (NTU)	1.8
G302	09/06/2007	9:40	0	Alkalinity (mg CaCO ₃ /L)	254
G302	09/06/2007	9:40	0	Conductivity (µS/cm)	894
G302	09/06/2007	9:40	0	Dissolved Oxygen (mg/L)	5.27
G302	09/06/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.325
G302	09/06/2007	9:40	0	pH	7.6
G302	09/06/2007	9:40	0	Temperature (°C)	31.1
G302	09/06/2007	9:40	0	Total Phosphorus (mg/L)	0.122
G310	09/06/2007	8:50	0	Alkalinity (mg CaCO ₃ /L)	208
G310	09/06/2007	8:50	0	Conductivity (µS/cm)	895
G310	09/06/2007	8:50	0	Dissolved Oxygen (mg/L)	5.39
G310	09/06/2007	8:50	0	Nitrate + Nitrite (mg N/L)	0.076
G310	09/06/2007	8:50	0	pH	7.8
G310	09/06/2007	8:50	0	Sulfate (mg/L)	54.3
G310	09/06/2007	8:50	0	Temperature (°C)	30.5
G310	09/06/2007	8:55	24	Total Phosphorus (mg/L)	0.031
G310	09/06/2007	8:50	0	Total Phosphorus (mg/L)	0.032
G310	09/06/2007	8:50	0	Turbidity (NTU)	3.3
ENR012	09/13/2007	9:40	0	Conductivity (µS/cm)	884.8
ENR012	09/13/2007	9:40	0	Dissolved Oxygen (mg/L)	1.14
ENR012	09/13/2007	9:40	0	pH	7.3
ENR012	09/13/2007	9:40	0	Temperature (°C)	27.2
ENR012	09/13/2007	9:40	0	Total Phosphorus (mg/L)	0.041
G302	09/13/2007	10:10	0	Conductivity (µS/cm)	845.7
G302	09/13/2007	10:10	0	Dissolved Oxygen (mg/L)	3.3
G302	09/13/2007	10:10	0	pH	7.7
G302	09/13/2007	10:10	0	Temperature (°C)	29.8
G302	09/13/2007	10:10	0	Total Phosphorus (mg/L)	0.141
G310	09/13/2007	9:20	0	Conductivity (µS/cm)	898.2
G310	09/13/2007	9:20	0	Dissolved Oxygen (mg/L)	2.16
G310	09/13/2007	9:20	0	pH	7.5
G310	09/13/2007	9:20	0	Temperature (°C)	28.9
G310	09/13/2007	9:20	0	Total Phosphorus (mg/L)	0.023
ENR012	09/20/2007	10:10	0	Alkalinity (mg CaCO ₃ /L)	212
ENR012	09/20/2007	10:10	0	Conductivity (µS/cm)	815.5
ENR012	09/20/2007	10:10	0	Dissolved Oxygen (mg/L)	0.87
ENR012	09/20/2007	10:10	0	Nitrate + Nitrite (mg N/L)	0.042
ENR012	09/20/2007	10:10	0	pH	7.1
ENR012	09/20/2007	10:10	0	Sulfate (mg/L)	48.4
ENR012	09/20/2007	10:10	0	Temperature (°C)	26.9
ENR012	09/20/2007	10:10	0	Total Phosphorus (mg/L)	0.054
ENR012	09/20/2007	10:10	0	Turbidity (NTU)	1.8

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	09/20/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	308
G302	09/20/2007	10:40	0	Conductivity (µS/cm)	1157
G302	09/20/2007	10:40	0	Dissolved Oxygen (mg/L)	2.33
G302	09/20/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.712
G302	09/20/2007	10:40	0	pH	7.4
G302	09/20/2007	10:40	0	Temperature (°C)	28.9
G302	09/20/2007	10:45	24	Total Phosphorus (mg/L)	0.184
G302	09/20/2007	10:40	0	Total Phosphorus (mg/L)	0.2
G310	09/20/2007	9:40	0	Alkalinity (mg CaCO ₃ /L)	225
G310	09/20/2007	9:40	0	Conductivity (µS/cm)	959.9
G310	09/20/2007	9:40	0	Dissolved Oxygen (mg/L)	5.12
G310	09/20/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.142
G310	09/20/2007	9:40	0	pH	7.7
G310	09/20/2007	9:40	0	Sulfate (mg/L)	57.2
G310	09/20/2007	9:40	0	Temperature (°C)	28.4
G310	09/20/2007	9:45	24	Total Phosphorus (mg/L)	0.051
G310	09/20/2007	9:40	0	Total Phosphorus (mg/L)	0.023
G310	09/20/2007	9:40	0	Turbidity (NTU)	2.8
ENR012	09/27/2007	10:20	0	Conductivity (µS/cm)	820.6
ENR012	09/27/2007	10:20	0	Dissolved Oxygen (mg/L)	1.49
ENR012	09/27/2007	10:20	0	pH	7.3
ENR012	09/27/2007	10:20	0	Temperature (°C)	26
ENR012	09/27/2007	10:20	0	Total Phosphorus (mg/L)	0.045
G302	09/27/2007	10:50	0	Conductivity (µS/cm)	1246
G302	09/27/2007	10:50	0	Dissolved Oxygen (mg/L)	1.6
G302	09/27/2007	10:50	0	pH	7.3
G302	09/27/2007	10:50	0	Temperature (°C)	26.8
G302	09/27/2007	10:50	0	Total Phosphorus (mg/L)	0.193
G302	09/27/2007	10:55	24	Total Phosphorus (mg/L)	0.183
G310	09/27/2007	9:55	0	Conductivity (µS/cm)	1073
G310	09/27/2007	9:55	0	Dissolved Oxygen (mg/L)	4.61
G310	09/27/2007	9:55	0	pH	7.7
G310	09/27/2007	9:55	0	Temperature (°C)	26.3
G310	09/27/2007	10:00	24	Total Phosphorus (mg/L)	0.049
G310	09/27/2007	9:55	0	Total Phosphorus (mg/L)	0.043
ENR012	10/04/2007	11:15	0	Alkalinity (mg CaCO ₃ /L)	209
ENR012	10/04/2007	11:15	0	Conductivity (µS/cm)	805.5
ENR012	10/04/2007	11:15	0	Dissolved Oxygen (mg/L)	10.8
ENR012	10/04/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.052
ENR012	10/04/2007	11:15	0	pH	7.2
ENR012	10/04/2007	11:15	0	Sulfate (mg/L)	42.7
ENR012	10/04/2007	11:15	0	Temperature (°C)	27.4
ENR012	10/04/2007	11:15	0	Total Phosphorus (mg/L)	0.031
ENR012	10/04/2007	11:15	0	Turbidity (NTU)	1.2
G302	10/04/2007	12:05	0	Alkalinity (mg CaCO ₃ /L)	304
G302	10/04/2007	12:05	0	Conductivity (µS/cm)	1086
G302	10/04/2007	12:05	0	Dissolved Oxygen (mg/L)	11.5
G302	10/04/2007	12:05	0	Nitrate + Nitrite (mg N/L)	1.199

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	10/04/2007	12:05	0	pH	7.1
G302	10/04/2007	12:05	0	Temperature (°C)	28.2
G302	10/04/2007	12:05	0	Total Phosphorus (mg/L)	0.214
G302	10/04/2007	12:10	24	Total Phosphorus (mg/L)	0.213
G310	10/04/2007	10:45	0	Alkalinity (mg CaCO ₃ /L)	221
G310	10/04/2007	10:45	0	Conductivity (µS/cm)	963.8
G310	10/04/2007	10:45	0	Dissolved Oxygen (mg/L)	11.5
G310	10/04/2007	10:45	0	Nitrate + Nitrite (mg N/L)	0.144
G310	10/04/2007	10:45	0	pH	7.2
G310	10/04/2007	10:45	0	Sulfate (mg/L)	68.3
G310	10/04/2007	10:45	0	Temperature (°C)	28.3
G310	10/04/2007	10:45	0	Total Phosphorus (mg/L)	0.05
G310	10/04/2007	10:50	24	Total Phosphorus (mg/L)	0.059
G310	10/04/2007	10:45	0	Turbidity (NTU)	2.3
ENR012	10/11/2007	9:15	0	Conductivity (µS/cm)	919.7
ENR012	10/11/2007	9:15	0	Dissolved Oxygen (mg/L)	1.46
ENR012	10/11/2007	9:15	0	pH	7.3
ENR012	10/11/2007	9:15	0	Temperature (°C)	26.7
ENR012	10/11/2007	9:15	0	Total Phosphorus (mg/L)	0.034
G302	10/11/2007	9:45	0	Conductivity (µS/cm)	806.5
G302	10/11/2007	9:45	0	Dissolved Oxygen (mg/L)	3.1
G302	10/11/2007	9:45	0	pH	7.4
G302	10/11/2007	9:45	0	Temperature (°C)	28.9
G302	10/11/2007	9:45	0	Total Phosphorus (mg/L)	0.1
G302	10/11/2007	9:50	24	Total Phosphorus (mg/L)	0.221
G310	10/11/2007	8:55	0	Conductivity (µS/cm)	989.1
G310	10/11/2007	8:55	0	Dissolved Oxygen (mg/L)	3.27
G310	10/11/2007	8:55	0	pH	7.6
G310	10/11/2007	8:55	0	Temperature (°C)	27.9
G310	10/11/2007	9:00	24	Total Phosphorus (mg/L)	0.047
G310	10/11/2007	8:55	0	Total Phosphorus (mg/L)	0.044
ENR012	10/17/2007	9:10	0	Alkalinity (mg CaCO ₃ /L)	234
ENR012	10/17/2007	9:10	0	Conductivity (µS/cm)	896
ENR012	10/17/2007	9:10	0	Dissolved Oxygen (mg/L)	1.04
ENR012	10/17/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.014
ENR012	10/17/2007	9:10	0	pH	7.3
ENR012	10/17/2007	9:10	0	Sulfate (mg/L)	45.5
ENR012	10/17/2007	9:10	0	Temperature (°C)	26
ENR012	10/17/2007	9:10	0	Total Phosphorus (mg/L)	0.03
ENR012	10/17/2007	9:10	0	Turbidity (NTU)	1.2
G302	10/17/2007	9:45	0	Alkalinity (mg CaCO ₃ /L)	197
G302	10/17/2007	9:45	0	Conductivity (µS/cm)	715
G302	10/17/2007	9:45	0	Dissolved Oxygen (mg/L)	4.28
G302	10/17/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.073
G302	10/17/2007	9:45	0	pH	7.6
G302	10/17/2007	9:45	0	Temperature (°C)	26.8
G302	10/17/2007	9:45	0	Total Phosphorus (mg/L)	0.101
G310	10/17/2007	8:50	0	Alkalinity (mg CaCO ₃ /L)	257

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G310	10/17/2007	8:50	0	Conductivity (µS/cm)	1006
G310	10/17/2007	8:50	0	Dissolved Oxygen (mg/L)	4.15
G310	10/17/2007	8:50	0	Nitrate + Nitrite (mg N/L)	0.089
G310	10/17/2007	8:50	0	pH	7.6
G310	10/17/2007	8:50	0	Sulfate (mg/L)	67.5
G310	10/17/2007	8:50	0	Temperature (°C)	27.7
G310	10/17/2007	8:55	24	Total Phosphorus (mg/L)	0.041
G310	10/17/2007	8:50	0	Total Phosphorus (mg/L)	0.039
G310	10/17/2007	8:50	0	Turbidity (NTU)	3
ENR012	10/25/2007	10:00	0	Conductivity (µS/cm)	865.7
ENR012	10/25/2007	10:00	0	Dissolved Oxygen (mg/L)	0.82
ENR012	10/25/2007	10:00	0	pH	6.8
ENR012	10/25/2007	10:00	0	Temperature (°C)	26.1
ENR012	10/25/2007	10:00	0	Total Phosphorus (mg/L)	0.037
G302	10/25/2007	10:40	0	Conductivity (µS/cm)	950.6
G302	10/25/2007	10:40	0	Dissolved Oxygen (mg/L)	1.75
G302	10/25/2007	10:40	0	pH	6.9
G302	10/25/2007	10:40	0	Temperature (°C)	27.1
G302	10/25/2007	10:45	24	Total Phosphorus (mg/L)	0.196
G302	10/25/2007	10:40	0	Total Phosphorus (mg/L)	0.139
G310	10/25/2007	9:30	0	Conductivity (µS/cm)	994.5
G310	10/25/2007	9:30	0	Dissolved Oxygen (mg/L)	1.96
G310	10/25/2007	9:30	0	pH	6.9
G310	10/25/2007	9:30	0	Temperature (°C)	26.7
G310	10/25/2007	9:35	24	Total Phosphorus (mg/L)	0.058
G310	10/25/2007	9:30	0	Total Phosphorus (mg/L)	0.05
ENR012	11/01/2007	10:15	0	Alkalinity (mg CaCO ₃ /L)	245
ENR012	11/01/2007	10:15	0	Conductivity (µS/cm)	928.4
ENR012	11/01/2007	10:15	0	Dissolved Oxygen (mg/L)	1.24
ENR012	11/01/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.012
ENR012	11/01/2007	10:15	0	pH	7.2
ENR012	11/01/2007	10:15	0	Sulfate (mg/L)	50.8
ENR012	11/01/2007	10:15	0	Temperature (°C)	25.5
ENR012	11/01/2007	10:15	0	Total Phosphorus (mg/L)	0.03
ENR012	11/01/2007	10:15	0	Turbidity (NTU)	1.1
G302	11/01/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	288
G302	11/01/2007	11:00	0	Conductivity (µS/cm)	1030
G302	11/01/2007	11:00	0	Dissolved Oxygen (mg/L)	4.11
G302	11/01/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.709
G302	11/01/2007	11:00	0	pH	7.4
G302	11/01/2007	11:00	0	Temperature (°C)	26.4
G302	11/01/2007	11:00	0	Total Phosphorus (mg/L)	0.123
G302	11/01/2007	11:05	24	Total Phosphorus (mg/L)	0.157
G310	11/01/2007	9:40	0	Alkalinity (mg CaCO ₃ /L)	234
G310	11/01/2007	9:40	0	Conductivity (µS/cm)	952.9
G310	11/01/2007	9:40	0	Dissolved Oxygen (mg/L)	4.89
G310	11/01/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.082
G310	11/01/2007	9:40	0	pH	7.7

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G310	11/01/2007	9:40	0	Sulfate (mg/L)	58.6
G310	11/01/2007	9:40	0	Temperature (°C)	25.1
G310	11/01/2007	9:45	24	Total Phosphorus (mg/L)	0.056
G310	11/01/2007	9:40	0	Total Phosphorus (mg/L)	0.044
G310	11/01/2007	9:40	0	Turbidity (NTU)	4.3
ENR012	11/08/2007	10:10	0	Conductivity (µS/cm)	974.8
ENR012	11/08/2007	10:10	0	Dissolved Oxygen (mg/L)	1.04
ENR012	11/08/2007	10:10	0	pH	7
ENR012	11/08/2007	10:10	0	Temperature (°C)	21.7
ENR012	11/08/2007	10:10	0	Total Phosphorus (mg/L)	0.028
G302	11/08/2007	11:00	0	Conductivity (µS/cm)	930.2
G302	11/08/2007	11:00	0	Dissolved Oxygen (mg/L)	2.92
G302	11/08/2007	11:00	0	pH	7.4
G302	11/08/2007	11:00	0	Temperature (°C)	22.7
G302	11/08/2007	11:05	24	Total Phosphorus (mg/L)	0.133
G302	11/08/2007	11:00	0	Total Phosphorus (mg/L)	0.069
G310	11/08/2007	9:50	0	Conductivity (µS/cm)	985
G310	11/08/2007	9:50	0	Dissolved Oxygen (mg/L)	6.28
G310	11/08/2007	9:50	0	pH	7.4
G310	11/08/2007	9:50	0	Temperature (°C)	23.2
G310	11/08/2007	9:50	0	Total Phosphorus (mg/L)	0.042
G310	11/08/2007	9:55	24	Total Phosphorus (mg/L)	0.047
ENR012	11/15/2007	9:25	0	Alkalinity (mg CaCO ₃ /L)	260
ENR012	11/15/2007	9:25	0	Conductivity (µS/cm)	969.4
ENR012	11/15/2007	9:25	0	Dissolved Oxygen (mg/L)	0.73
ENR012	11/15/2007	9:25	0	Nitrate + Nitrite (mg N/L)	0.008
ENR012	11/15/2007	9:25	0	pH	7.1
ENR012	11/15/2007	9:25	0	Sulfate (mg/L)	47.1
ENR012	11/15/2007	9:25	0	Temperature (°C)	21.8
ENR012	11/15/2007	9:25	0	Total Phosphorus (mg/L)	0.029
ENR012	11/15/2007	9:25	0	Turbidity (NTU)	1.4
G302	11/15/2007	10:05	0	Alkalinity (mg CaCO ₃ /L)	225
G302	11/15/2007	10:05	0	Conductivity (µS/cm)	820.1
G302	11/15/2007	10:05	0	Dissolved Oxygen (mg/L)	3.71
G302	11/15/2007	10:05	0	Nitrate + Nitrite (mg N/L)	0.037
G302	11/15/2007	10:05	0	pH	7.4
G302	11/15/2007	10:05	0	Temperature (°C)	22.3
G302	11/15/2007	10:05	0	Total Phosphorus (mg/L)	0.065
G310	11/15/2007	9:10	0	Alkalinity (mg CaCO ₃ /L)	246
G310	11/15/2007	9:10	0	Conductivity (µS/cm)	983.9
G310	11/15/2007	9:10	0	Dissolved Oxygen (mg/L)	4.1
G310	11/15/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.132
G310	11/15/2007	9:10	0	pH	7.4
G310	11/15/2007	9:10	0	Sulfate (mg/L)	61.4
G310	11/15/2007	9:10	0	Temperature (°C)	23.4
G310	11/15/2007	9:10	0	Total Phosphorus (mg/L)	0.035
G310	11/15/2007	9:10	0	Turbidity (NTU)	3.8
ENR012	11/20/2007	9:15	0	Conductivity (µS/cm)	977

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
ENR012	11/20/2007	9:15	0	Dissolved Oxygen (mg/L)	0.3
ENR012	11/20/2007	9:15	0	pH	7
ENR012	11/20/2007	9:15	0	Temperature (°C)	20.9
ENR012	11/20/2007	9:15	0	Total Phosphorus (mg/L)	0.028
G302	11/20/2007	9:45	0	Conductivity (µS/cm)	800
G302	11/20/2007	9:45	0	Dissolved Oxygen (mg/L)	3.4
G302	11/20/2007	9:45	0	pH	7.3
G302	11/20/2007	9:45	0	Temperature (°C)	21.4
G302	11/20/2007	9:45	0	Total Phosphorus (mg/L)	0.067
G310	11/20/2007	8:55	0	Conductivity (µS/cm)	1013
G310	11/20/2007	8:55	0	Dissolved Oxygen (mg/L)	4.5
G310	11/20/2007	8:55	0	pH	7.4
G310	11/20/2007	8:55	0	Temperature (°C)	22.7
G310	11/20/2007	8:55	0	Total Phosphorus (mg/L)	0.035
ENR012	11/29/2007	10:05	0	Alkalinity (mg CaCO ₃ /L)	222
ENR012	11/29/2007	10:05	0	Conductivity (µS/cm)	880
ENR012	11/29/2007	10:05	0	Dissolved Oxygen (mg/L)	0.67
ENR012	11/29/2007	10:05	0	Nitrate + Nitrite (mg N/L)	0.039
ENR012	11/29/2007	10:05	0	pH	7.3
ENR012	11/29/2007	10:05	0	Sulfate (mg/L)	40.7
ENR012	11/29/2007	10:05	0	Temperature (°C)	23
ENR012	11/29/2007	10:05	0	Total Phosphorus (mg/L)	0.032
ENR012	11/29/2007	10:05	0	Turbidity (NTU)	1.3
G302	11/29/2007	10:45	0	Alkalinity (mg CaCO ₃ /L)	222
G302	11/29/2007	10:45	0	Conductivity (µS/cm)	763
G302	11/29/2007	10:45	0	Dissolved Oxygen (mg/L)	5.64
G302	11/29/2007	10:45	0	Nitrate + Nitrite (mg N/L)	<0.005
G302	11/29/2007	10:45	0	pH	7.6
G302	11/29/2007	10:45	0	Sulfate (mg/L)	27.1
G302	11/29/2007	10:45	0	Temperature (°C)	25.6
G302	11/29/2007	10:45	0	Total Phosphorus (mg/L)	0.069
G310	11/29/2007	9:45	0	Alkalinity (mg CaCO ₃ /L)	237
G310	11/29/2007	9:45	0	Conductivity (µS/cm)	1003
G310	11/29/2007	9:45	0	Dissolved Oxygen (mg/L)	4.27
G310	11/29/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.23
G310	11/29/2007	9:45	0	pH	7.5
G310	11/29/2007	9:45	0	Sulfate (mg/L)	61.9
G310	11/29/2007	9:45	0	Temperature (°C)	24.3
G310	11/29/2007	9:45	0	Total Phosphorus (mg/L)	0.033
G310	11/29/2007	9:45	0	Turbidity (NTU)	1.2
ENR012	12/05/2007	10:00	0	Conductivity (µS/cm)	887
ENR012	12/05/2007	10:00	0	Dissolved Oxygen (mg/L)	0.35
ENR012	12/05/2007	10:00	0	pH	7.2
ENR012	12/05/2007	10:00	0	Temperature (°C)	22
ENR012	12/05/2007	10:00	0	Total Phosphorus (mg/L)	0.032
G302	12/05/2007	10:30	0	Conductivity (µS/cm)	749
G302	12/05/2007	10:30	0	Dissolved Oxygen (mg/L)	2.49
G302	12/05/2007	10:30	0	pH	7.4

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	12/05/2007	10:30	0	Temperature (°C)	22.6
G302	12/05/2007	10:30	0	Total Phosphorus (mg/L)	0.072
G310	12/05/2007	9:35	0	Conductivity (µS/cm)	989
G310	12/05/2007	9:35	0	Dissolved Oxygen (mg/L)	3.57
G310	12/05/2007	9:35	0	pH	7.5
G310	12/05/2007	9:35	0	Temperature (°C)	23.9
G310	12/05/2007	9:35	0	Total Phosphorus (mg/L)	0.04
ENR012	12/12/2007	9:45	0	Alkalinity (mg CaCO ₃ /L)	262
ENR012	12/12/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.005
ENR012	12/12/2007	9:45	0	Sulfate (mg/L)	28.6
ENR012	12/12/2007	9:45	0	Total Phosphorus (mg/L)	0.029
G302	12/12/2007	10:25	0	Alkalinity (mg CaCO ₃ /L)	239
G302	12/12/2007	10:25	0	Nitrate + Nitrite (mg N/L)	<0.005
G302	12/12/2007	10:25	0	Sulfate (mg/L)	24.6
G310	12/12/2007	9:30	0	Alkalinity (mg CaCO ₃ /L)	255
G310	12/12/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.234
G310	12/12/2007	9:30	0	Sulfate (mg/L)	62.2
G310	12/12/2007	9:30	0	Total Phosphorus (mg/L)	0.03
ENR012	12/20/2007	9:20	0	Conductivity (µS/cm)	796
ENR012	12/20/2007	9:20	0	Dissolved Oxygen (mg/L)	0.37
ENR012	12/20/2007	9:20	0	pH	7.1
ENR012	12/20/2007	9:20	0	Temperature (°C)	19.1
ENR012	12/20/2007	9:20	0	Total Phosphorus (mg/L)	0.027
G302	12/20/2007	9:50	0	Conductivity (µS/cm)	839
G302	12/20/2007	9:50	0	Dissolved Oxygen (mg/L)	4.66
G302	12/20/2007	9:50	0	pH	7.5
G302	12/20/2007	9:50	0	Temperature (°C)	20.9
G302	12/20/2007	9:50	0	Total Phosphorus (mg/L)	0.073
G310	12/20/2007	8:55	0	Conductivity (µS/cm)	959
G310	12/20/2007	8:55	0	Dissolved Oxygen (mg/L)	5.94
G310	12/20/2007	8:55	0	pH	7.6
G310	12/20/2007	8:55	0	Temperature (°C)	18.9
G310	12/20/2007	9:00	24	Total Phosphorus (mg/L)	0.051
G310	12/20/2007	8:55	0	Total Phosphorus (mg/L)	0.048
ENR012	12/27/2007	8:50	0	Alkalinity (mg CaCO ₃ /L)	218
ENR012	12/27/2007	8:50	0	Conductivity (µS/cm)	750
ENR012	12/27/2007	8:50	0	Dissolved Oxygen (mg/L)	1.51
ENR012	12/27/2007	8:50	0	Nitrate + Nitrite (mg N/L)	0.009
ENR012	12/27/2007	8:50	0	pH	7.4
ENR012	12/27/2007	8:50	0	Sulfate (mg/L)	24
ENR012	12/27/2007	8:50	0	Temperature (°C)	21.4
ENR012	12/27/2007	8:50	0	Total Phosphorus (mg/L)	0.031
G302	12/27/2007	9:15	0	Alkalinity (mg CaCO ₃ /L)	228
G302	12/27/2007	9:15	0	Conductivity (µS/cm)	768
G302	12/27/2007	9:15	0	Dissolved Oxygen (mg/L)	6.81
G302	12/27/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.02
G302	12/27/2007	9:15	0	pH	7.5
G302	12/27/2007	9:15	0	Sulfate (mg/L)	39.4

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	12/27/2007	9:15	0	Temperature (°C)	22.3
G302	12/27/2007	9:15	0	Total Phosphorus (mg/L)	0.114
G310	12/27/2007	8:35	0	Alkalinity (mg CaCO ₃ /L)	230
G310	12/27/2007	8:35	0	Conductivity (µS/cm)	967
G310	12/27/2007	8:35	0	Dissolved Oxygen (mg/L)	6.87
G310	12/27/2007	8:35	0	Nitrate + Nitrite (mg N/L)	0.094
G310	12/27/2007	8:35	0	pH	7.5
G310	12/27/2007	8:35	0	Sulfate (mg/L)	49.6
G310	12/27/2007	8:35	0	Temperature (°C)	22.7
G310	12/27/2007	8:35	0	Total Phosphorus (mg/L)	0.048
ENR012	01/03/2008	9:45	0	Conductivity (µS/cm)	825
ENR012	01/03/2008	9:45	0	Dissolved Oxygen (mg/L)	1.8
ENR012	01/03/2008	9:45	0	pH	7.5
ENR012	01/03/2008	9:45	0	Temperature (°C)	17
ENR012	01/03/2008	9:45	0	Total Phosphorus (mg/L)	0.034
G302	01/03/2008	10:20	0	Conductivity (µS/cm)	760
G302	01/03/2008	10:20	0	Dissolved Oxygen (mg/L)	6.42
G302	01/03/2008	10:20	0	pH	7.8
G302	01/03/2008	10:20	0	Temperature (°C)	17.6
G302	01/03/2008	10:20	0	Total Phosphorus (mg/L)	0.076
G310	01/03/2008	9:20	0	Conductivity (µS/cm)	965
G310	01/03/2008	9:20	0	Dissolved Oxygen (mg/L)	6.04
G310	01/03/2008	9:20	0	pH	7.8
G310	01/03/2008	9:20	0	Temperature (°C)	18.9
G310	01/03/2008	9:20	0	Total Phosphorus (mg/L)	0.034
ENR012	01/10/2008	9:50	0	Alkalinity (mg CaCO ₃ /L)	236
ENR012	01/10/2008	9:50	0	Conductivity (µS/cm)	817.4
ENR012	01/10/2008	9:50	0	Dissolved Oxygen (mg/L)	0.95
ENR012	01/10/2008	9:50	0	Nitrate + Nitrite (mg N/L)	0.01
ENR012	01/10/2008	9:50	0	pH	7.2
ENR012	01/10/2008	9:50	0	Sulfate (mg/L)	24.9
ENR012	01/10/2008	9:50	0	Total Phosphorus (mg/L)	0.024
G302	01/10/2008	10:35	0	Alkalinity (mg CaCO ₃ /L)	226
G302	01/10/2008	10:35	0	Conductivity (µS/cm)	742.6
G302	01/10/2008	10:35	0	Dissolved Oxygen (mg/L)	9.81
G302	01/10/2008	10:35	0	Nitrate + Nitrite (mg N/L)	<0.005
G302	01/10/2008	10:35	0	pH	8
G302	01/10/2008	10:35	0	Sulfate (mg/L)	34.2
G302	01/10/2008	10:35	0	Temperature (°C)	21.4
G302	01/10/2008	10:35	0	Total Phosphorus (mg/L)	0.1
G310	01/10/2008	9:25	0	Alkalinity (mg CaCO ₃ /L)	235
G310	01/10/2008	9:25	0	Conductivity (µS/cm)	967.7
G310	01/10/2008	9:25	0	Dissolved Oxygen (mg/L)	7.3
G310	01/10/2008	9:25	0	Nitrate + Nitrite (mg N/L)	0.155
G310	01/10/2008	9:25	0	pH	7.6
G310	01/10/2008	9:25	0	Sulfate (mg/L)	50.4
G310	01/10/2008	9:25	0	Temperature (°C)	20.2
G310	01/10/2008	9:25	0	Total Phosphorus (mg/L)	0.03

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
ENR012	01/17/2008	10:00	0	Conductivity (µS/cm)	827.3
ENR012	01/17/2008	10:00	0	Dissolved Oxygen (mg/L)	0.51
ENR012	01/17/2008	10:00	0	pH	7.3
ENR012	01/17/2008	10:00	0	Temperature (°C)	18.7
ENR012	01/17/2008	10:00	0	Total Phosphorus (mg/L)	0.026
G302	01/17/2008	10:35	0	Conductivity (µS/cm)	737.5
G302	01/17/2008	10:35	0	Dissolved Oxygen (mg/L)	7.15
G302	01/17/2008	10:35	0	pH	7.9
G302	01/17/2008	10:35	0	Temperature (°C)	20.5
G302	01/17/2008	10:35	0	Total Phosphorus (mg/L)	0.077
G310	01/17/2008	9:35	0	Conductivity (µS/cm)	976.9
G310	01/17/2008	9:35	0	Dissolved Oxygen (mg/L)	6.38
G310	01/17/2008	9:35	0	pH	7.8
G310	01/17/2008	9:35	0	Temperature (°C)	19.2
G310	01/17/2008	9:35	0	Total Phosphorus (mg/L)	0.025
ENR012	01/24/2008	9:50	0	Alkalinity (mg CaCO ₃ /L)	233
ENR012	01/24/2008	9:50	0	Conductivity (µS/cm)	822.5
ENR012	01/24/2008	9:50	0	Dissolved Oxygen (mg/L)	1.44
ENR012	01/24/2008	9:50	0	Nitrate + Nitrite (mg N/L)	0.015
ENR012	01/24/2008	9:50	0	pH	7.2
ENR012	01/24/2008	9:50	0	Sulfate (mg/L)	25.7
ENR012	01/24/2008	9:50	0	Temperature (°C)	20.5
ENR012	01/24/2008	9:50	0	Total Phosphorus (mg/L)	0.026
G302	01/24/2008	10:30	0	Alkalinity (mg CaCO ₃ /L)	222
G302	01/24/2008	10:30	0	Conductivity (µS/cm)	751.8
G302	01/24/2008	10:30	0	Dissolved Oxygen (mg/L)	6.94
G302	01/24/2008	10:30	0	Nitrate + Nitrite (mg N/L)	0.178
G302	01/24/2008	10:30	0	pH	7.8
G302	01/24/2008	10:30	0	Sulfate (mg/L)	35.8
G302	01/24/2008	10:30	0	Temperature (°C)	21.2
G302	01/24/2008	10:30	0	Total Phosphorus (mg/L)	0.067
G310	01/24/2008	9:35	0	Alkalinity (mg CaCO ₃ /L)	229
G310	01/24/2008	9:35	0	Conductivity (µS/cm)	964.6
G310	01/24/2008	9:35	0	Dissolved Oxygen (mg/L)	7.03
G310	01/24/2008	9:35	0	Nitrate + Nitrite (mg N/L)	0.216
G310	01/24/2008	9:35	0	pH	7.7
G310	01/24/2008	9:35	0	Sulfate (mg/L)	50.1
G310	01/24/2008	9:35	0	Temperature (°C)	20.9
G310	01/24/2008	9:35	0	Total Phosphorus (mg/L)	0.025
ENR012	01/31/2008	9:30	0	Conductivity (µS/cm)	816.5
ENR012	01/31/2008	9:30	0	Dissolved Oxygen (mg/L)	0.53
ENR012	01/31/2008	9:30	0	pH	7.4
ENR012	01/31/2008	9:30	0	Temperature (°C)	18.8
ENR012	01/31/2008	9:30	0	Total Phosphorus (mg/L)	0.023
G302	01/31/2008	10:05	0	Conductivity (µS/cm)	755.4
G302	01/31/2008	10:05	0	Dissolved Oxygen (mg/L)	7.48
G302	01/31/2008	10:05	0	pH	8
G302	01/31/2008	10:05	0	Temperature (°C)	20.5

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	01/31/2008	10:05	0	Total Phosphorus (mg/L)	0.05
G310	01/31/2008	9:15	0	Conductivity (µS/cm)	966.5
G310	01/31/2008	9:15	0	Dissolved Oxygen (mg/L)	5.22
G310	01/31/2008	9:15	0	pH	7.7
G310	01/31/2008	9:15	0	Temperature (°C)	19.8
G310	01/31/2008	9:15	0	Total Phosphorus (mg/L)	0.029
ENR012	02/07/2008	9:30	0	Alkalinity (mg CaCO ₃ /L)	249
ENR012	02/07/2008	9:30	0	Conductivity (µS/cm)	852.2
ENR012	02/07/2008	9:30	0	Dissolved Oxygen (mg/L)	0.34
ENR012	02/07/2008	9:30	0	Nitrate + Nitrite (mg N/L)	<0.005
ENR012	02/07/2008	9:30	0	pH	7
ENR012	02/07/2008	9:30	0	Sulfate (mg/L)	18.5
ENR012	02/07/2008	9:30	0	Temperature (°C)	22.2
ENR012	02/07/2008	9:30	0	Total Phosphorus (mg/L)	0.03
G302	02/07/2008	10:00	0	Alkalinity (mg CaCO ₃ /L)	228
G302	02/07/2008	10:00	0	Conductivity (µS/cm)	759.7
G302	02/07/2008	10:00	0	Dissolved Oxygen (mg/L)	6.9
G302	02/07/2008	10:00	0	Nitrate + Nitrite (mg N/L)	0.005
G302	02/07/2008	10:00	0	pH	7.7
G302	02/07/2008	10:00	0	Sulfate (mg/L)	37.2
G302	02/07/2008	10:00	0	Temperature (°C)	23.3
G302	02/07/2008	10:00	0	Total Phosphorus (mg/L)	0.043
G310	02/07/2008	9:05	0	Alkalinity (mg CaCO ₃ /L)	242
G310	02/07/2008	9:05	0	Conductivity (µS/cm)	974.4
G310	02/07/2008	9:05	0	Dissolved Oxygen (mg/L)	3.59
G310	02/07/2008	9:05	0	Nitrate + Nitrite (mg N/L)	0.226
G310	02/07/2008	9:05	0	pH	7.3
G310	02/07/2008	9:05	0	Sulfate (mg/L)	48.6
G310	02/07/2008	9:05	0	Temperature (°C)	21.5
G310	02/07/2008	9:05	0	Total Phosphorus (mg/L)	0.025
ENR012	02/14/2008	10:40	0	Conductivity (µS/cm)	765.9
ENR012	02/14/2008	10:40	0	Dissolved Oxygen (mg/L)	0.86
ENR012	02/14/2008	10:40	0	pH	7.1
ENR012	02/14/2008	10:40	0	Temperature (°C)	20.4
ENR012	02/14/2008	10:40	0	Total Phosphorus (mg/L)	0.03
G302	02/14/2008	11:10	0	Conductivity (µS/cm)	1054
G302	02/14/2008	11:10	0	Dissolved Oxygen (mg/L)	4.32
G302	02/14/2008	11:10	0	pH	7.4
G302	02/14/2008	11:10	0	Temperature (°C)	20.3
G302	02/14/2008	11:10	0	Total Phosphorus (mg/L)	0.284
G302	02/14/2008	11:15	24	Total Phosphorus (mg/L)	0.319
G310	02/14/2008	9:45	0	Conductivity (µS/cm)	977.4
G310	02/14/2008	9:45	0	Dissolved Oxygen (mg/L)	9.03
G310	02/14/2008	9:45	0	pH	7.7
G310	02/14/2008	9:45	0	Temperature (°C)	20.6
G310	02/14/2008	9:50	24	Total Phosphorus (mg/L)	0.035
G310	02/14/2008	9:45	0	Total Phosphorus (mg/L)	0.033
ENR012	02/21/2008	10:00	0	Alkalinity (mg CaCO ₃ /L)	228

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
ENR012	02/21/2008	10:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	789.2
ENR012	02/21/2008	10:00	0	Dissolved Oxygen (mg/L)	0.51
ENR012	02/21/2008	10:00	0	Nitrate + Nitrite (mg N/L)	<0.005
ENR012	02/21/2008	10:00	0	pH	7.2
ENR012	02/21/2008	10:00	0	Sulfate (mg/L)	17.5
ENR012	02/21/2008	10:00	0	Temperature ($^{\circ}\text{C}$)	21.8
ENR012	02/21/2008	10:00	0	Total Phosphorus (mg/L)	0.03
G302	02/21/2008	10:40	0	Alkalinity (mg CaCO_3/L)	138
G302	02/21/2008	10:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	594.7
G302	02/21/2008	10:40	0	Dissolved Oxygen (mg/L)	4.02
G302	02/21/2008	10:40	0	Nitrate + Nitrite (mg N/L)	0.016
G302	02/21/2008	10:40	0	pH	7.3
G302	02/21/2008	10:40	0	Sulfate (mg/L)	12.6
G302	02/21/2008	10:40	0	Temperature ($^{\circ}\text{C}$)	21.9
G302	02/21/2008	10:40	0	Total Phosphorus (mg/L)	0.029
G302	02/21/2008	10:45	24	Total Phosphorus (mg/L)	0.238
G310	02/21/2008	9:30	0	Alkalinity (mg CaCO_3/L)	216
G310	02/21/2008	9:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	920.1
G310	02/21/2008	9:30	0	Dissolved Oxygen (mg/L)	5.52
G310	02/21/2008	9:30	0	Nitrate + Nitrite (mg N/L)	0.059
G310	02/21/2008	9:30	0	pH	7.8
G310	02/21/2008	9:30	0	Sulfate (mg/L)	30.2
G310	02/21/2008	9:30	0	Temperature ($^{\circ}\text{C}$)	23
G310	02/21/2008	9:30	0	Total Phosphorus (mg/L)	0.046
G310	02/21/2008	9:35	24	Total Phosphorus (mg/L)	0.04
ENR012	02/28/2008	10:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	786
ENR012	02/28/2008	10:00	0	Dissolved Oxygen (mg/L)	0.84
ENR012	02/28/2008	10:00	0	pH	7
ENR012	02/28/2008	10:00	0	Temperature ($^{\circ}\text{C}$)	20.7
ENR012	02/28/2008	10:00	0	Total Phosphorus (mg/L)	0.029
G302	02/28/2008	10:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	440.8
G302	02/28/2008	10:30	0	Dissolved Oxygen (mg/L)	3.44
G302	02/28/2008	10:30	0	pH	6.8
G302	02/28/2008	10:30	0	Temperature ($^{\circ}\text{C}$)	20.1
G302	02/28/2008	10:30	0	Total Phosphorus (mg/L)	0.033
G310	02/28/2008	9:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	906.1
G310	02/28/2008	9:40	0	Dissolved Oxygen (mg/L)	4.01
G310	02/28/2008	9:40	0	pH	7
G310	02/28/2008	9:40	0	Temperature ($^{\circ}\text{C}$)	21.3
G310	02/28/2008	9:40	0	Total Phosphorus (mg/L)	0.029
ENR012	03/05/2008	10:35	0	Alkalinity (mg CaCO_3/L)	226
ENR012	03/05/2008	10:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	789.3
ENR012	03/05/2008	10:35	0	Dissolved Oxygen (mg/L)	5.5
ENR012	03/05/2008	10:35	0	Nitrate + Nitrite (mg N/L)	0.008
ENR012	03/05/2008	10:35	0	pH	7.3
ENR012	03/05/2008	10:35	0	Sulfate (mg/L)	18.8
ENR012	03/05/2008	10:35	0	Temperature ($^{\circ}\text{C}$)	22
ENR012	03/05/2008	10:35	0	Total Phosphorus (mg/L)	0.023

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	03/05/2008	11:20	0	Alkalinity (mg CaCO ₃ /L)	121
G302	03/05/2008	11:20	0	Conductivity (µS/cm)	471.8
G302	03/05/2008	11:20	0	Dissolved Oxygen (mg/L)	5.91
G302	03/05/2008	11:20	0	Nitrate + Nitrite (mg N/L)	0.012
G302	03/05/2008	11:20	0	pH	7.3
G302	03/05/2008	11:20	0	Sulfate (mg/L)	12.3
G302	03/05/2008	11:20	0	Temperature (°C)	22.1
G302	03/05/2008	11:20	0	Total Phosphorus (mg/L)	0.033
G310	03/05/2008	10:00	0	Alkalinity (mg CaCO ₃ /L)	208
G310	03/05/2008	10:00	0	Conductivity (µS/cm)	934.2
G310	03/05/2008	10:00	0	Dissolved Oxygen (mg/L)	5.14
G310	03/05/2008	10:00	0	Nitrate + Nitrite (mg N/L)	0.089
G310	03/05/2008	10:00	0	pH	7.4
G310	03/05/2008	10:00	0	Sulfate (mg/L)	46.2
G310	03/05/2008	10:00	0	Temperature (°C)	21.1
G310	03/05/2008	10:05	24	Total Phosphorus (mg/L)	0.027
G310	03/05/2008	10:00	0	Total Phosphorus (mg/L)	0.019
ENR012	03/13/2008	9:40	0	Conductivity (µS/cm)	752
ENR012	03/13/2008	9:40	0	Dissolved Oxygen (mg/L)	1.92
ENR012	03/13/2008	9:40	0	pH	7.3
ENR012	03/13/2008	9:40	0	Temperature (°C)	20.8
ENR012	03/13/2008	9:40	0	Total Phosphorus (mg/L)	0.023
G302	03/13/2008	10:10	0	Conductivity (µS/cm)	1146
G302	03/13/2008	10:10	0	Dissolved Oxygen (mg/L)	3.88
G302	03/13/2008	10:10	0	pH	7.5
G302	03/13/2008	10:10	0	Temperature (°C)	22.2
G302	03/13/2008	10:15	24	Total Phosphorus (mg/L)	0.165
G302	03/13/2008	10:10	0	Total Phosphorus (mg/L)	0.133
G310	03/13/2008	9:15	0	Conductivity (µS/cm)	873
G310	03/13/2008	9:15	0	Dissolved Oxygen (mg/L)	7.26
G310	03/13/2008	9:15	0	pH	8
G310	03/13/2008	9:15	0	Temperature (°C)	20.7
G310	03/13/2008	9:20	24	Total Phosphorus (mg/L)	0.032
G310	03/13/2008	9:15	0	Total Phosphorus (mg/L)	0.022
ENR012	03/20/2008	10:15	0	Alkalinity (mg CaCO ₃ /L)	221
ENR012	03/20/2008	10:15	0	Conductivity (µS/cm)	828
ENR012	03/20/2008	10:15	0	Dissolved Oxygen (mg/L)	0.37
ENR012	03/20/2008	10:15	0	Nitrate + Nitrite (mg N/L)	0.005
ENR012	03/20/2008	10:15	0	pH	7.2
ENR012	03/20/2008	10:15	0	Sulfate (mg/L)	28.4
ENR012	03/20/2008	10:15	0	Temperature (°C)	22.7
ENR012	03/20/2008	10:15	0	Total Phosphorus (mg/L)	0.034
G302	03/20/2008	10:55	0	Alkalinity (mg CaCO ₃ /L)	156
G302	03/20/2008	10:55	0	Conductivity (µS/cm)	689
G302	03/20/2008	10:55	0	Dissolved Oxygen (mg/L)	5.16
G302	03/20/2008	10:55	0	Nitrate + Nitrite (mg N/L)	0.02
G302	03/20/2008	10:55	0	pH	7.7
G302	03/20/2008	10:55	0	Sulfate (mg/L)	37.1

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G302	03/20/2008	10:55	0	Temperature (°C)	23.2
G302	03/20/2008	10:55	0	Total Phosphorus (mg/L)	0.029
G302	03/20/2008	11:00	24	Total Phosphorus (mg/L)	0.095
G310	03/20/2008	9:45	0	Alkalinity (mg CaCO ₃ /L)	196
G310	03/20/2008	9:45	0	Conductivity (µS/cm)	902
G310	03/20/2008	9:45	0	Dissolved Oxygen (mg/L)	6.35
G310	03/20/2008	9:45	0	Nitrate + Nitrite (mg N/L)	0.04
G310	03/20/2008	9:45	0	pH	8
G310	03/20/2008	9:45	0	Sulfate (mg/L)	53.8
G310	03/20/2008	9:45	0	Temperature (°C)	23.4
G310	03/20/2008	9:45	0	Total Phosphorus (mg/L)	0.019
G310	03/20/2008	9:50	24	Total Phosphorus (mg/L)	0.047
ENR012	03/27/2008	9:45	0	Conductivity (µS/cm)	789.6
ENR012	03/27/2008	9:45	0	Dissolved Oxygen (mg/L)	0.78
ENR012	03/27/2008	9:45	0	pH	7.1
ENR012	03/27/2008	9:45	0	Temperature (°C)	20.1
ENR012	03/27/2008	9:45	0	Total Phosphorus (mg/L)	0.024
G302	03/27/2008	10:20	0	Conductivity (µS/cm)	519.2
G302	03/27/2008	10:20	0	Dissolved Oxygen (mg/L)	6.04
G302	03/27/2008	10:20	0	pH	7.5
G302	03/27/2008	10:20	0	Temperature (°C)	20.1
G302	03/27/2008	10:25	24	Total Phosphorus (mg/L)	0.118
G302	03/27/2008	10:20	0	Total Phosphorus (mg/L)	0.021
G310	03/27/2008	9:20	0	Conductivity (µS/cm)	867.3
G310	03/27/2008	9:20	0	Dissolved Oxygen (mg/L)	7.46
G310	03/27/2008	9:20	0	pH	7.9
G310	03/27/2008	9:20	0	Temperature (°C)	19.9
G310	03/27/2008	9:25	24	Total Phosphorus (mg/L)	0.025
G310	03/27/2008	9:20	0	Total Phosphorus (mg/L)	0.024
ENR012	04/03/2008	9:20	0	Alkalinity (mg CaCO ₃ /L)	208
ENR012	04/03/2008	9:20	0	Conductivity (µS/cm)	796.5
ENR012	04/03/2008	9:20	0	Dissolved Oxygen (mg/L)	3.1
ENR012	04/03/2008	9:20	0	Nitrate + Nitrite (mg N/L)	0.023
ENR012	04/03/2008	9:20	0	pH	7.5
ENR012	04/03/2008	9:20	0	Sulfate (mg/L)	20.2
ENR012	04/03/2008	9:20	0	Temperature (°C)	24.2
ENR012	04/03/2008	9:20	0	Total Phosphorus (mg/L)	0.028
G302	04/03/2008	9:50	0	Alkalinity (mg CaCO ₃ /L)	111
G302	04/03/2008	9:50	0	Conductivity (µS/cm)	426.7
G302	04/03/2008	9:50	0	Dissolved Oxygen (mg/L)	4.23
G302	04/03/2008	9:50	0	Nitrate + Nitrite (mg N/L)	0.012
G302	04/03/2008	9:50	0	pH	7.3
G302	04/03/2008	9:50	0	Sulfate (mg/L)	16
G302	04/03/2008	9:50	0	Temperature (°C)	24.6
G302	04/03/2008	9:50	0	Total Phosphorus (mg/L)	0.029
G310	04/03/2008	9:05	0	Alkalinity (mg CaCO ₃ /L)	194
G310	04/03/2008	9:05	0	Conductivity (µS/cm)	873.6
G310	04/03/2008	9:05	0	Dissolved Oxygen (mg/L)	5.8

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G310	04/03/2008	9:05	0	Nitrate + Nitrite (mg N/L)	0.038
G310	04/03/2008	9:05	0	pH	7.7
G310	04/03/2008	9:05	0	Sulfate (mg/L)	51.3
G310	04/03/2008	9:05	0	Temperature (°C)	23.6
G310	04/03/2008	9:10	24	Total Phosphorus (mg/L)	0.024
G310	04/03/2008	9:05	0	Total Phosphorus (mg/L)	0.02
ENR012	04/10/2008	9:30	0	Conductivity (µS/cm)	714.1
ENR012	04/10/2008	9:30	0	Dissolved Oxygen (mg/L)	2.15
ENR012	04/10/2008	9:30	0	pH	7.8
ENR012	04/10/2008	9:30	0	Temperature (°C)	25.4
ENR012	04/10/2008	9:30	0	Total Phosphorus (mg/L)	0.033
G302	04/10/2008	10:10	0	Conductivity (µS/cm)	584
G302	04/10/2008	10:10	0	Dissolved Oxygen (mg/L)	4.18
G302	04/10/2008	10:10	0	pH	7.8
G302	04/10/2008	10:10	0	Temperature (°C)	24.9
G302	04/10/2008	10:15	24	Total Phosphorus (mg/L)	0.118
G302	04/10/2008	10:10	0	Total Phosphorus (mg/L)	0.026
G310	04/10/2008	9:10	0	Conductivity (µS/cm)	845.4
G310	04/10/2008	9:10	0	Dissolved Oxygen (mg/L)	6.64
G310	04/10/2008	9:10	0	pH	8.2
G310	04/10/2008	9:10	0	Temperature (°C)	25.3
G310	04/10/2008	9:15	24	Total Phosphorus (mg/L)	0.031
G310	04/10/2008	9:10	0	Total Phosphorus (mg/L)	0.018
ENR012	04/17/2008	9:50	0	Alkalinity (mg CaCO ₃ /L)	217
ENR012	04/17/2008	9:50	0	Conductivity (µS/cm)	793
ENR012	04/17/2008	9:50	0	Dissolved Oxygen (mg/L)	1.9
ENR012	04/17/2008	9:50	0	Nitrate + Nitrite (mg N/L)	0.005
ENR012	04/17/2008	9:50	0	pH	7.3
ENR012	04/17/2008	9:50	0	Sulfate (mg/L)	18.8
ENR012	04/17/2008	9:50	0	Temperature (°C)	20
ENR012	04/17/2008	9:50	0	Total Phosphorus (mg/L)	0.028
G302	04/17/2008	10:20	0	Alkalinity (mg CaCO ₃ /L)	118
G302	04/17/2008	10:20	0	Conductivity (µS/cm)	487.6
G302	04/17/2008	10:20	0	Dissolved Oxygen (mg/L)	4.76
G302	04/17/2008	10:20	0	Nitrate + Nitrite (mg N/L)	0.012
G302	04/17/2008	10:20	0	pH	7.5
G302	04/17/2008	10:20	0	Sulfate (mg/L)	20
G302	04/17/2008	10:20	0	Temperature (°C)	20.9
G302	04/17/2008	17:05	0	Total Phosphorus (mg/L)	0.034
G310	04/17/2008	9:35	0	Alkalinity (mg CaCO ₃ /L)	180
G310	04/17/2008	9:35	0	Conductivity (µS/cm)	858
G310	04/17/2008	9:35	0	Dissolved Oxygen (mg/L)	4.76
G310	04/17/2008	9:35	0	Nitrate + Nitrite (mg N/L)	0.041
G310	04/17/2008	9:35	0	pH	7.8
G310	04/17/2008	9:35	0	Sulfate (mg/L)	46
G310	04/17/2008	9:35	0	Temperature (°C)	22.3
G310	04/17/2008	9:35	0	Total Phosphorus (mg/L)	0.019
ENR012	04/24/2008	10:00	0	Conductivity (µS/cm)	791

Table 1B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
ENR012	04/24/2008	10:00	0	Dissolved Oxygen (mg/L)	3.2
ENR012	04/24/2008	10:00	0	pH	7.7
ENR012	04/24/2008	10:00	0	Temperature (°C)	24.6
ENR012	04/24/2008	10:00	0	Total Phosphorus (mg/L)	0.04
G302	04/24/2008	10:20	0	Conductivity (µS/cm)	369.3
G302	04/24/2008	10:20	0	Dissolved Oxygen (mg/L)	4.18
G302	04/24/2008	10:20	0	pH	7.5
G302	04/24/2008	10:20	0	Temperature (°C)	24.9
G302	04/24/2008	10:20	0	Total Phosphorus (mg/L)	0.041
G310	04/24/2008	9:35	0	Conductivity (µS/cm)	882.7
G310	04/24/2008	9:35	0	Dissolved Oxygen (mg/L)	7.93
G310	04/24/2008	9:35	0	pH	7.9
G310	04/24/2008	9:35	0	Temperature (°C)	25.2
G310	04/24/2008	9:35	0	Total Phosphorus (mg/L)	0.024

Table 2A. Summary of annual arithmetic averages and flow-weighted mean concentrations for all parameters other than TP monitored in STA-1E.

Parameter	Arithmetic Means				Flow-Weighted Means			
	Inflow			Outflow	Total Inflow		Total Outflow	
	G311	S319	S361	S362	n	Conc.	n	Conc.
Temperature (°C)	25.2	26.4	26.4	25.2	-NA-	-NA-	-NA-	-NA-
Dissolved Oxygen (mg/L)	5.0	6.5	6.5	6.2	-NA-	-NA-	-NA-	-NA-
Conductivity (µS/cm)	700	702	702	798	-NA-	-NA-	-NA-	-NA-
pH	7.5	7.6	7.6	7.7	-NA-	-NA-	-NA-	-NA-
Sulfate (mg/L)	32.4	30.1	30.1	30.4	41 (78)	26.8	15 (26)	24.6
Alkalinity (mg CaCO ₃ /L)	186	205	205	160	41 (78)	207	15 (26)	135
Total Nitrogen (mg/L)	1.66	1.18	1.18	1.46	40 (74)	1.32	14 (25)	1.03

-NA- : Not Applicable

n: number of samples with flow (total number of samples)

Table 2B. Water quality monitoring data for STA-1E.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G311	05/03/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	131
G311	05/03/2007	11:05	0	Conductivity (µS/cm)	509
G311	05/03/2007	11:05	0	Dissolved Oxygen (mg/L)	7.93
G311	05/03/2007	11:05	0	Nitrate + Nitrite (mg N/L)	<0.006
G311	05/03/2007	11:05	0	pH	8.2
G311	05/03/2007	11:05	0	Sulfate (mg/L)	37.4
G311	05/03/2007	11:05	0	Temperature (°C)	26.8
G311	05/03/2007	11:05	0	Total Phosphorus (mg/L)	0.108
G311	05/10/2007	10:15	0	Conductivity (µS/cm)	522.9
G311	05/10/2007	10:15	0	Dissolved Oxygen (mg/L)	6.75
G311	05/10/2007	10:15	0	pH	7.7
G311	05/10/2007	10:15	0	Temperature (°C)	25.2
G311	05/10/2007	10:15	0	Total Phosphorus (mg/L)	0.108
G311	05/17/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	162
G311	05/17/2007	10:50	0	Conductivity (µS/cm)	578
G311	05/17/2007	10:50	0	Dissolved Oxygen (mg/L)	5.35
G311	05/17/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.102
G311	05/17/2007	10:50	0	pH	7.6
G311	05/17/2007	10:50	0	Sulfate (mg/L)	41.2
G311	05/17/2007	10:50	0	Temperature (°C)	26.4
G311	05/17/2007	10:50	0	Total Phosphorus (mg/L)	0.068
G311	05/24/2007	10:55	0	Conductivity (µS/cm)	684.5
G311	05/24/2007	10:55	0	Dissolved Oxygen (mg/L)	6.29
G311	05/24/2007	10:55	0	pH	7.8
G311	05/24/2007	10:55	0	Temperature (°C)	25.4
G311	05/24/2007	10:55	0	Total Phosphorus (mg/L)	0.084
G311	05/31/2007	10:15	0	Alkalinity (mg CaCO ₃ /L)	197
G311	05/31/2007	10:15	0	Conductivity (µS/cm)	683.6
G311	05/31/2007	10:15	0	Dissolved Oxygen (mg/L)	6.37
G311	05/31/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.011
G311	05/31/2007	10:15	0	pH	7.9
G311	05/31/2007	10:15	0	Sulfate (mg/L)	41.3
G311	05/31/2007	10:15	0	Temperature (°C)	25.4
G311	05/31/2007	10:15	0	Total Phosphorus (mg/L)	0.07
G311	06/07/2007	11:20	0	Conductivity (µS/cm)	759.1
G311	06/07/2007	11:20	0	Dissolved Oxygen (mg/L)	6.26
G311	06/07/2007	11:20	0	pH	7.8
G311	06/07/2007	11:20	0	Temperature (°C)	27.3
G311	06/07/2007	11:20	0	Total Phosphorus (mg/L)	0.108
G311	06/14/2007	10:35	0	Alkalinity (mg CaCO ₃ /L)	191
G311	06/14/2007	10:35	0	Conductivity (µS/cm)	849.7
G311	06/14/2007	10:35	0	Dissolved Oxygen (mg/L)	7.46
G311	06/14/2007	10:35	0	Nitrate + Nitrite (mg N/L)	<0.005
G311	06/14/2007	10:35	0	pH	8

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G311	06/14/2007	10:35	0	Sulfate (mg/L)	58.1
G311	06/14/2007	10:35	0	Temperature (°C)	28.9
G311	06/14/2007	10:35	0	Total Phosphorus (mg/L)	0.149
G311	06/21/2007	10:55	0	Conductivity (µS/cm)	833
G311	06/21/2007	10:55	0	Dissolved Oxygen (mg/L)	5.81
G311	06/21/2007	10:55	0	pH	7.8
G311	06/21/2007	10:55	0	Temperature (°C)	30.1
G311	06/21/2007	10:55	0	Total Phosphorus (mg/L)	0.088
G311	06/25/2007	14:30	0	Total Phosphorus (mg/L)	0.099
G311	06/26/2007	14:50	0	Total Phosphorus (mg/L)	0.106
G311	06/28/2007	12:40	0	Alkalinity (mg CaCO ₃ /L)	184
G311	06/28/2007	12:40	0	Conductivity (µS/cm)	706.3
G311	06/28/2007	12:40	0	Dissolved Oxygen (mg/L)	5.37
G311	06/28/2007	12:40	0	Nitrate + Nitrite (mg N/L)	0.016
G311	06/28/2007	12:40	0	pH	7.7
G311	06/28/2007	12:40	0	Sulfate (mg/L)	27.7
G311	06/28/2007	12:40	0	Temperature (°C)	28.6
G311	06/28/2007	12:40	0	Total Phosphorus (mg/L)	0.08
G311	06/28/2007	12:45	24	Total Phosphorus (mg/L)	0.097
G311	06/28/2007	12:55	0	Total Phosphorus (mg/L)	0.083
G311	06/29/2007	12:37	0	Total Phosphorus (mg/L)	0.08
G311	07/03/2007	10:25	0	Conductivity (µS/cm)	634
G311	07/03/2007	10:25	0	Dissolved Oxygen (mg/L)	4.3
G311	07/03/2007	10:25	0	pH	7.6
G311	07/03/2007	10:25	0	Temperature (°C)	29.6
G311	07/03/2007	10:25	0	Total Phosphorus (mg/L)	0.072
G311	07/03/2007	10:30	24	Total Phosphorus (mg/L)	0.087
G311	07/03/2007	15:40	0	Total Phosphorus (mg/L)	0.074
G311	07/05/2007	11:30	0	Total Phosphorus (mg/L)	0.083
G311	07/12/2007	9:55	0	Alkalinity (mg CaCO ₃ /L)	204
G311	07/12/2007	9:55	0	Conductivity (µS/cm)	739
G311	07/12/2007	9:55	0	Dissolved Oxygen (mg/L)	3.02
G311	07/12/2007	9:55	0	Nitrate + Nitrite (mg N/L)	0.276
G311	07/12/2007	9:55	0	pH	7.5
G311	07/12/2007	9:55	0	Sulfate (mg/L)	37.7
G311	07/12/2007	9:55	0	Temperature (°C)	30.5
G311	07/12/2007	9:55	0	Total Phosphorus (mg/L)	0.091
G311	07/12/2007	10:00	24	Total Phosphorus (mg/L)	0.085
G311	07/19/2007	11:20	0	Conductivity (µS/cm)	621.5
G311	07/19/2007	11:20	0	Dissolved Oxygen (mg/L)	2.13
G311	07/19/2007	11:20	0	pH	7.2
G311	07/19/2007	11:20	0	Temperature (°C)	31.8
G311	07/19/2007	11:20	0	Total Phosphorus (mg/L)	0.106
G311	07/19/2007	14:28	0	Total Phosphorus (mg/L)	0.118
G311	07/26/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	180
G311	07/26/2007	11:05	0	Conductivity (µS/cm)	631.9
G311	07/26/2007	11:05	0	Dissolved Oxygen (mg/L)	4.12

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G311	07/26/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.012
G311	07/26/2007	11:05	0	pH	7.5
G311	07/26/2007	11:05	0	Sulfate (mg/L)	25.4
G311	07/26/2007	11:05	0	Temperature (°C)	29.8
G311	07/26/2007	11:05	0	Total Phosphorus (mg/L)	0.155
G311	08/02/2007	10:25	0	Conductivity (µS/cm)	1081
G311	08/02/2007	10:25	0	Dissolved Oxygen (mg/L)	2.5
G311	08/02/2007	10:25	0	pH	7.6
G311	08/02/2007	10:25	0	Temperature (°C)	30
G311	08/02/2007	10:25	0	Total Phosphorus (mg/L)	0.149
G311	08/09/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	132
G311	08/09/2007	11:30	0	Conductivity (µS/cm)	606.5
G311	08/09/2007	11:30	0	Dissolved Oxygen (mg/L)	3.51
G311	08/09/2007	11:30	0	pH	7.3
G311	08/09/2007	11:30	0	Sulfate (mg/L)	22.1
G311	08/09/2007	11:30	0	Temperature (°C)	31.2
G311	08/09/2007	11:30	0	Total Phosphorus (mg/L)	0.036
G311	08/09/2007	11:35	24	Total Phosphorus (mg/L)	0.304
G311	08/15/2007	11:20	0	Conductivity (µS/cm)	590
G311	08/15/2007	11:20	0	Dissolved Oxygen (mg/L)	1.32
G311	08/15/2007	11:20	0	pH	7.2
G311	08/15/2007	11:20	0	Temperature (°C)	30.1
G311	08/15/2007	11:20	0	Total Phosphorus (mg/L)	0.054
G311	08/15/2007	11:25	24	Total Phosphorus (mg/L)	0.139
G311	08/22/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	155
G311	08/22/2007	10:50	0	Conductivity (µS/cm)	648.5
G311	08/22/2007	10:50	0	Dissolved Oxygen (mg/L)	4.29
G311	08/22/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.024
G311	08/22/2007	10:50	0	pH	7.4
G311	08/22/2007	10:50	0	Sulfate (mg/L)	25.9
G311	08/22/2007	10:50	0	Temperature (°C)	29.7
G311	08/22/2007	10:50	0	Total Phosphorus (mg/L)	0.079
G311	08/30/2007	10:35	0	Conductivity (µS/cm)	823.7
G311	08/30/2007	10:35	0	Dissolved Oxygen (mg/L)	3.02
G311	08/30/2007	10:35	0	pH	7.4
G311	08/30/2007	10:35	0	Temperature (°C)	29.6
G311	08/30/2007	10:35	0	Total Phosphorus (mg/L)	0.113
G311	08/30/2007	10:40	24	Total Phosphorus (mg/L)	0.157
G311	09/06/2007	10:30	0	Alkalinity (mg CaCO ₃ /L)	196
G311	09/06/2007	10:30	0	Conductivity (µS/cm)	743
G311	09/06/2007	10:30	0	Dissolved Oxygen (mg/L)	3.19
G311	09/06/2007	10:30	0	Nitrate + Nitrite (mg N/L)	0.114
G311	09/06/2007	10:30	0	pH	7.5
G311	09/06/2007	10:30	0	Sulfate (mg/L)	36
G311	09/06/2007	10:30	0	Temperature (°C)	29.9
G311	09/06/2007	10:30	0	Total Phosphorus (mg/L)	0.102
G311	09/13/2007	11:10	0	Conductivity (µS/cm)	774.8
G311	09/13/2007	11:10	0	Dissolved Oxygen (mg/L)	7.48

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G311	09/13/2007	11:10	0	pH	7.6
G311	09/13/2007	11:10	0	Temperature (°C)	29.1
G311	09/13/2007	11:10	0	Total Phosphorus (mg/L)	0.102
G311	09/20/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	302
G311	09/20/2007	11:30	0	Conductivity (µS/cm)	1081
G311	09/20/2007	11:30	0	Dissolved Oxygen (mg/L)	3.11
G311	09/20/2007	11:30	0	Nitrate + Nitrite (mg N/L)	0.593
G311	09/20/2007	11:30	0	pH	7.5
G311	09/20/2007	11:30	0	Sulfate (mg/L)	66.7
G311	09/20/2007	11:30	0	Temperature (°C)	28.8
G311	09/20/2007	11:30	0	Total Phosphorus (mg/L)	0.171
G311	09/20/2007	11:35	24	Total Phosphorus (mg/L)	0.215
G311	09/27/2007	11:25	0	Conductivity (µS/cm)	1108
G311	09/27/2007	11:25	0	Dissolved Oxygen (mg/L)	2.8
G311	09/27/2007	11:25	0	pH	7.4
G311	09/27/2007	11:25	0	Temperature (°C)	26.8
G311	09/27/2007	11:25	0	Total Phosphorus (mg/L)	0.149
G311	09/27/2007	11:30	24	Total Phosphorus (mg/L)	0.19
G311	10/04/2007	13:20	0	Alkalinity (mg CaCO ₃ /L)	286
G311	10/04/2007	13:20	0	Conductivity (µS/cm)	1030
G311	10/04/2007	13:20	0	Dissolved Oxygen (mg/L)	12.3
G311	10/04/2007	13:20	0	Nitrate + Nitrite (mg N/L)	0.867
G311	10/04/2007	13:20	0	pH	7.3
G311	10/04/2007	13:20	0	Sulfate (mg/L)	61.1
G311	10/04/2007	13:20	0	Temperature (°C)	29.1
G311	10/04/2007	13:20	0	Total Phosphorus (mg/L)	0.167
G311	10/04/2007	13:25	24	Total Phosphorus (mg/L)	0.181
G311	10/11/2007	10:40	0	Conductivity (µS/cm)	524.6
G311	10/11/2007	10:40	0	Dissolved Oxygen (mg/L)	1.38
G311	10/11/2007	10:40	0	pH	7.1
G311	10/11/2007	10:40	0	Temperature (°C)	27.7
G311	10/11/2007	10:40	0	Total Phosphorus (mg/L)	0.032
G311	10/17/2007	10:45	0	Alkalinity (mg CaCO ₃ /L)	145
G311	10/17/2007	10:45	0	Conductivity (µS/cm)	531
G311	10/17/2007	10:45	0	Dissolved Oxygen (mg/L)	0.89
G311	10/17/2007	10:45	0	Nitrate + Nitrite (mg N/L)	<0.005
G311	10/17/2007	10:45	0	pH	7.2
G311	10/17/2007	10:45	0	Sulfate (mg/L)	16.6
G311	10/17/2007	10:45	0	Temperature (°C)	26
G311	10/17/2007	10:45	0	Total Phosphorus (mg/L)	0.042
G311	10/25/2007	11:55	0	Conductivity (µS/cm)	630.6
G311	10/25/2007	11:55	0	Dissolved Oxygen (mg/L)	2.17
G311	10/25/2007	11:55	0	pH	7
G311	10/25/2007	11:55	0	Temperature (°C)	27.1
G311	10/25/2007	11:55	0	Total Phosphorus (mg/L)	0.035
G311	11/01/2007	12:10	0	Alkalinity (mg CaCO ₃ /L)	169
G311	11/01/2007	12:10	0	Conductivity (µS/cm)	601.2
G311	11/01/2007	12:10	0	Dissolved Oxygen (mg/L)	4.42

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G311	11/01/2007	12:10	0	Nitrate + Nitrite (mg N/L)	0.088
G311	11/01/2007	12:10	0	pH	7.4
G311	11/01/2007	12:10	0	Sulfate (mg/L)	27.1
G311	11/01/2007	12:10	0	Temperature (°C)	25.5
G311	11/01/2007	12:10	0	Total Phosphorus (mg/L)	0.048
G311	11/08/2007	12:10	0	Conductivity (µS/cm)	665.7
G311	11/08/2007	12:10	0	Dissolved Oxygen (mg/L)	9.67
G311	11/08/2007	12:10	0	pH	7.3
G311	11/08/2007	12:10	0	Temperature (°C)	22.3
G311	11/08/2007	12:10	0	Total Phosphorus (mg/L)	0.03
G311	11/15/2007	11:10	0	Alkalinity (mg CaCO ₃ /L)	154
G311	11/15/2007	11:10	0	Conductivity (µS/cm)	624.5
G311	11/15/2007	11:10	0	Dissolved Oxygen (mg/L)	2.15
G311	11/15/2007	11:10	0	Nitrate + Nitrite (mg N/L)	0.01
G311	11/15/2007	11:10	0	pH	7.1
G311	11/15/2007	11:10	0	Sulfate (mg/L)	22.3
G311	11/15/2007	11:10	0	Temperature (°C)	22
G311	11/15/2007	11:10	0	Total Phosphorus (mg/L)	0.026
G311	11/20/2007	10:30	0	Conductivity (µS/cm)	680
G311	11/20/2007	10:30	0	Dissolved Oxygen (mg/L)	2
G311	11/20/2007	10:30	0	pH	7.1
G311	11/20/2007	10:30	0	Temperature (°C)	20.8
G311	11/20/2007	10:30	0	Total Phosphorus (mg/L)	0.043
G311	11/29/2007	11:50	0	Alkalinity (mg CaCO ₃ /L)	214
G311	11/29/2007	11:50	0	Conductivity (µS/cm)	709
G311	11/29/2007	11:50	0	Dissolved Oxygen (mg/L)	4.25
G311	11/29/2007	11:50	0	Nitrate + Nitrite (mg N/L)	0.061
G311	11/29/2007	11:50	0	pH	7.5
G311	11/29/2007	11:50	0	Sulfate (mg/L)	27.9
G311	11/29/2007	11:50	0	Temperature (°C)	24.5
G311	11/29/2007	11:50	0	Total Phosphorus (mg/L)	0.063
G311	12/05/2007	11:30	0	Conductivity (µS/cm)	682
G311	12/05/2007	11:30	0	Dissolved Oxygen (mg/L)	4.95
G311	12/05/2007	11:30	0	pH	7.6
G311	12/05/2007	11:30	0	Temperature (°C)	22.9
G311	12/05/2007	11:30	0	Total Phosphorus (mg/L)	0.043
G311	12/12/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	210
G311	12/12/2007	11:25	0	Conductivity (µS/cm)	679
G311	12/12/2007	11:25	0	Dissolved Oxygen (mg/L)	5.02
G311	12/12/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.031
G311	12/12/2007	11:25	0	pH	7.6
G311	12/12/2007	11:25	0	Sulfate (mg/L)	21
G311	12/12/2007	11:25	0	Temperature (°C)	23.2
G311	12/12/2007	11:25	0	Total Phosphorus (mg/L)	0.07
G311	12/20/2007	10:35	0	Conductivity (µS/cm)	732
G311	12/20/2007	10:35	0	Dissolved Oxygen (mg/L)	5.01
G311	12/20/2007	10:35	0	pH	7.5
G311	12/20/2007	10:35	0	Temperature (°C)	20.4

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G311	12/20/2007	10:35	0	Total Phosphorus (mg/L)	0.065
G311	12/27/2007	9:55	0	Alkalinity (mg CaCO ₃ /L)	219
G311	12/27/2007	9:55	0	Conductivity (µS/cm)	683
G311	12/27/2007	9:55	0	Dissolved Oxygen (mg/L)	6.42
G311	12/27/2007	9:55	0	Nitrate + Nitrite (mg N/L)	0.044
G311	12/27/2007	9:55	0	pH	7.6
G311	12/27/2007	9:55	0	Sulfate (mg/L)	31.4
G311	12/27/2007	9:55	0	Temperature (°C)	22.5
G311	12/27/2007	9:55	0	Total Phosphorus (mg/L)	0.053
G311	01/03/2008	12:20	0	Conductivity (µS/cm)	682
G311	01/03/2008	12:20	0	Dissolved Oxygen (mg/L)	8.57
G311	01/03/2008	12:20	0	pH	8
G311	01/03/2008	12:20	0	Temperature (°C)	15.7
G311	01/03/2008	12:20	0	Total Phosphorus (mg/L)	0.064
G311	01/10/2008	11:35	0	Alkalinity (mg CaCO ₃ /L)	216
G311	01/10/2008	11:35	0	Conductivity (µS/cm)	689.7
G311	01/10/2008	11:35	0	Dissolved Oxygen (mg/L)	8.29
G311	01/10/2008	11:35	0	Nitrate + Nitrite (mg N/L)	0.062
G311	01/10/2008	11:35	0	pH	7.8
G311	01/10/2008	11:35	0	Sulfate (mg/L)	29.6
G311	01/10/2008	11:35	0	Temperature (°C)	19.8
G311	01/10/2008	11:35	0	Total Phosphorus (mg/L)	0.051
G311	01/17/2008	11:40	0	Conductivity (µS/cm)	776.9
G311	01/17/2008	11:40	0	Dissolved Oxygen (mg/L)	7.01
G311	01/17/2008	11:40	0	pH	7.8
G311	01/17/2008	11:40	0	Temperature (°C)	19.8
G311	01/17/2008	11:40	0	Total Phosphorus (mg/L)	0.059
G311	01/24/2008	11:30	0	Alkalinity (mg CaCO ₃ /L)	218
G311	01/24/2008	11:30	0	Conductivity (µS/cm)	738.1
G311	01/24/2008	11:30	0	Dissolved Oxygen (mg/L)	6.13
G311	01/24/2008	11:30	0	Nitrate + Nitrite (mg N/L)	0.111
G311	01/24/2008	11:30	0	pH	7.6
G311	01/24/2008	11:30	0	Sulfate (mg/L)	32.5
G311	01/24/2008	11:30	0	Temperature (°C)	21.3
G311	01/24/2008	11:30	0	Total Phosphorus (mg/L)	0.055
G311	01/31/2008	11:00	0	Conductivity (µS/cm)	693.1
G311	01/31/2008	11:00	0	Dissolved Oxygen (mg/L)	5.98
G311	01/31/2008	11:00	0	pH	7.9
G311	01/31/2008	11:00	0	Temperature (°C)	19.9
G311	01/31/2008	11:00	0	Total Phosphorus (mg/L)	0.046
G311	02/07/2008	10:45	0	Alkalinity (mg CaCO ₃ /L)	227
G311	02/07/2008	10:45	0	Conductivity (µS/cm)	737.6
G311	02/07/2008	10:45	0	Dissolved Oxygen (mg/L)	6.5
G311	02/07/2008	10:45	0	Nitrate + Nitrite (mg N/L)	0.008
G311	02/07/2008	10:45	0	pH	7.7
G311	02/07/2008	10:45	0	Sulfate (mg/L)	32.3
G311	02/07/2008	10:45	0	Temperature (°C)	22.5
G311	02/07/2008	10:45	0	Total Phosphorus (mg/L)	0.054

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G311	02/14/2008	12:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1067
G311	02/14/2008	12:00	0	Dissolved Oxygen (mg/L)	4.56
G311	02/14/2008	12:00	0	pH	7.4
G311	02/14/2008	12:00	0	Temperature ($^{\circ}\text{C}$)	20.4
G311	02/14/2008	12:00	0	Total Phosphorus (mg/L)	0.265
G311	02/14/2008	12:05	24	Total Phosphorus (mg/L)	0.34
G311	02/21/2008	11:40	0	Alkalinity (mg CaCO_3/L)	156
G311	02/21/2008	11:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	665.8
G311	02/21/2008	11:40	0	Dissolved Oxygen (mg/L)	4.89
G311	02/21/2008	11:40	0	Nitrate + Nitrite (mg N/L)	0.065
G311	02/21/2008	11:40	0	pH	7.5
G311	02/21/2008	11:40	0	Sulfate (mg/L)	19
G311	02/21/2008	11:40	0	Temperature ($^{\circ}\text{C}$)	21.9
G311	02/21/2008	11:40	0	Total Phosphorus (mg/L)	0.055
G311	02/21/2008	11:45	24	Total Phosphorus (mg/L)	0.307
G311	02/28/2008	11:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	497.3
G311	02/28/2008	11:25	0	Dissolved Oxygen (mg/L)	5.03
G311	02/28/2008	11:25	0	pH	7.3
G311	02/28/2008	11:25	0	Temperature ($^{\circ}\text{C}$)	21
G311	02/28/2008	11:25	0	Total Phosphorus (mg/L)	0.06
G311	03/05/2008	12:50	0	Alkalinity (mg CaCO_3/L)	198
G311	03/05/2008	12:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	683.1
G311	03/05/2008	12:50	0	Dissolved Oxygen (mg/L)	6.26
G311	03/05/2008	12:50	0	Nitrate + Nitrite (mg N/L)	0.01
G311	03/05/2008	12:50	0	pH	7.8
G311	03/05/2008	12:50	0	Sulfate (mg/L)	32.4
G311	03/05/2008	12:50	0	Temperature ($^{\circ}\text{C}$)	23
G311	03/05/2008	12:50	0	Total Phosphorus (mg/L)	0.062
G311	03/13/2008	11:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	774
G311	03/13/2008	11:10	0	Dissolved Oxygen (mg/L)	4.81
G311	03/13/2008	11:10	0	pH	7.6
G311	03/13/2008	11:10	0	Temperature ($^{\circ}\text{C}$)	21.2
G311	03/13/2008	11:10	0	Total Phosphorus (mg/L)	0.06
G311	03/20/2008	13:20	0	Alkalinity (mg CaCO_3/L)	150
G311	03/20/2008	13:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	655
G311	03/20/2008	13:20	0	Dissolved Oxygen (mg/L)	4.76
G311	03/20/2008	13:20	0	Nitrate + Nitrite (mg N/L)	0.02
G311	03/20/2008	13:20	0	pH	7.4
G311	03/20/2008	13:20	0	Sulfate (mg/L)	31.9
G311	03/20/2008	13:20	0	Temperature ($^{\circ}\text{C}$)	23.2
G311	03/20/2008	13:20	0	Total Phosphorus (mg/L)	0.038
G311	03/27/2008	11:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	637.1
G311	03/27/2008	11:10	0	Dissolved Oxygen (mg/L)	5.11
G311	03/27/2008	11:10	0	pH	7.6
G311	03/27/2008	11:10	0	Temperature ($^{\circ}\text{C}$)	20.8
G311	03/27/2008	11:10	0	Total Phosphorus (mg/L)	0.038
G311	04/03/2008	10:25	0	Alkalinity (mg CaCO_3/L)	115
G311	04/03/2008	10:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	448

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G311	04/03/2008	10:25	0	Dissolved Oxygen (mg/L)	3.93
G311	04/03/2008	10:25	0	Nitrate + Nitrite (mg N/L)	0.014
G311	04/03/2008	10:25	0	pH	7.3
G311	04/03/2008	10:25	0	Sulfate (mg/L)	17.4
G311	04/03/2008	10:25	0	Temperature (°C)	24.5
G311	04/03/2008	10:25	0	Total Phosphorus (mg/L)	0.031
G311	04/10/2008	11:05	0	Conductivity (µS/cm)	617.1
G311	04/10/2008	11:05	0	Dissolved Oxygen (mg/L)	4.71
G311	04/10/2008	11:05	0	pH	8
G311	04/10/2008	11:05	0	Temperature (°C)	25.2
G311	04/10/2008	11:05	0	Total Phosphorus (mg/L)	0.052
G311	04/10/2008	11:10	24	Total Phosphorus (mg/L)	0.164
G311	04/17/2008	11:15	0	Alkalinity (mg CaCO ₃ /L)	124
G311	04/17/2008	11:15	0	Conductivity (µS/cm)	513.2
G311	04/17/2008	11:15	0	Dissolved Oxygen (mg/L)	5.58
G311	04/17/2008	11:15	0	Nitrate + Nitrite (mg N/L)	0.014
G311	04/17/2008	11:15	0	pH	7.5
G311	04/17/2008	11:15	0	Sulfate (mg/L)	20.8
G311	04/17/2008	11:15	0	Temperature (°C)	21.2
G311	04/17/2008	11:15	0	Total Phosphorus (mg/L)	0.035
G311	04/24/2008	11:20	0	Conductivity (µS/cm)	533.1
G311	04/24/2008	11:20	0	Dissolved Oxygen (mg/L)	5.41
G311	04/24/2008	11:20	0	pH	7.8
G311	04/24/2008	11:20	0	Temperature (°C)	24.3
G311	04/24/2008	11:20	0	Total Phosphorus (mg/L)	0.05
S319	05/03/2007	12:20	0	Alkalinity (mg CaCO ₃ /L)	224
S319	05/03/2007	12:20	0	Conductivity (µS/cm)	815
S319	05/03/2007	12:20	0	Dissolved Oxygen (mg/L)	9.85
S319	05/03/2007	12:20	0	Nitrate + Nitrite (mg N/L)	<0.006
S319	05/03/2007	12:20	0	pH	8.2
S319	05/03/2007	12:20	0	Sulfate (mg/L)	36.7
S319	05/03/2007	12:20	0	Temperature (°C)	28.2
S319	05/03/2007	12:20	0	Total Phosphorus (mg/L)	0.075
S319	05/10/2007	11:15	0	Conductivity (µS/cm)	933.2
S319	05/10/2007	11:15	0	Dissolved Oxygen (mg/L)	7.25
S319	05/10/2007	11:15	0	pH	7.8
S319	05/10/2007	11:15	0	Temperature (°C)	25.8
S319	05/10/2007	11:15	0	Total Phosphorus (mg/L)	0.168
S319	05/17/2007	12:20	0	Alkalinity (mg CaCO ₃ /L)	159
S319	05/17/2007	12:20	0	Conductivity (µS/cm)	586
S319	05/17/2007	12:20	0	Dissolved Oxygen (mg/L)	4.81
S319	05/17/2007	12:20	0	Nitrate + Nitrite (mg N/L)	0.111
S319	05/17/2007	12:20	0	pH	7.8
S319	05/17/2007	12:20	0	Sulfate (mg/L)	42.3
S319	05/17/2007	12:20	0	Temperature (°C)	26.5
S319	05/17/2007	12:20	0	Total Phosphorus (mg/L)	0.111
S319	05/24/2007	12:40	0	Conductivity (µS/cm)	722.7
S319	05/24/2007	12:40	0	Dissolved Oxygen (mg/L)	6.84

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S319	05/24/2007	12:40	0	pH	7.8
S319	05/24/2007	12:40	0	Temperature (°C)	25.9
S319	05/24/2007	12:40	0	Total Phosphorus (mg/L)	0.113
S319	05/24/2007	12:45	24	Total Phosphorus (mg/L)	0.132
S319	05/31/2007	11:35	0	Alkalinity (mg CaCO ₃ /L)	179
S319	05/31/2007	11:35	0	Conductivity (µS/cm)	820.8
S319	05/31/2007	11:35	0	Dissolved Oxygen (mg/L)	7.03
S319	05/31/2007	11:35	0	Nitrate + Nitrite (mg N/L)	0.109
S319	05/31/2007	11:35	0	pH	8
S319	05/31/2007	11:35	0	Sulfate (mg/L)	54.1
S319	05/31/2007	11:35	0	Temperature (°C)	26.1
S319	05/31/2007	11:35	0	Total Phosphorus (mg/L)	0.091
S319	06/07/2007	13:15	0	Conductivity (µS/cm)	747.9
S319	06/07/2007	13:15	0	Dissolved Oxygen (mg/L)	4.02
S319	06/07/2007	13:15	0	pH	7.4
S319	06/07/2007	13:15	0	Temperature (°C)	27.8
S319	06/07/2007	13:15	0	Total Phosphorus (mg/L)	0.134
S319	06/07/2007	13:20	24	Total Phosphorus (mg/L)	0.18
S319	06/14/2007	12:05	0	Alkalinity (mg CaCO ₃ /L)	184
S319	06/14/2007	12:05	0	Conductivity (µS/cm)	679.1
S319	06/14/2007	12:05	0	Dissolved Oxygen (mg/L)	9.32
S319	06/14/2007	12:05	0	Nitrate + Nitrite (mg N/L)	<0.005
S319	06/14/2007	12:05	0	pH	8
S319	06/14/2007	12:05	0	Sulfate (mg/L)	30.3
S319	06/14/2007	12:05	0	Temperature (°C)	29.5
S319	06/14/2007	12:05	0	Total Phosphorus (mg/L)	0.054
S319	06/14/2007	12:10	24	Total Phosphorus (mg/L)	0.146
S319	06/21/2007	12:35	0	Conductivity (µS/cm)	681
S319	06/21/2007	12:35	0	Dissolved Oxygen (mg/L)	10.7
S319	06/21/2007	12:35	0	pH	8.2
S319	06/21/2007	12:35	0	Temperature (°C)	31.1
S319	06/21/2007	12:35	0	Total Phosphorus (mg/L)	0.106
S319	06/21/2007	12:40	24	Total Phosphorus (mg/L)	0.083
S319	06/25/2007	14:00	0	Total Phosphorus (mg/L)	0.063
S319	06/26/2007	14:25	0	Total Phosphorus (mg/L)	0.078
S319	06/28/2007	14:30	0	Alkalinity (mg CaCO ₃ /L)	176
S319	06/28/2007	14:30	0	Conductivity (µS/cm)	635.4
S319	06/28/2007	14:30	0	Dissolved Oxygen (mg/L)	5.21
S319	06/28/2007	14:30	0	Nitrate + Nitrite (mg N/L)	0.038
S319	06/28/2007	14:30	0	pH	7.4
S319	06/28/2007	14:30	0	Sulfate (mg/L)	26.5
S319	06/28/2007	14:30	0	Temperature (°C)	29.8
S319	06/28/2007	14:30	0	Total Phosphorus (mg/L)	0.059
S319	06/28/2007	14:35	24	Total Phosphorus (mg/L)	0.063
S319	06/29/2007	12:00	0	Total Phosphorus (mg/L)	0.054
S319	07/03/2007	12:00	0	Conductivity (µS/cm)	668
S319	07/03/2007	12:00	0	Dissolved Oxygen (mg/L)	5.3
S319	07/03/2007	12:00	0	pH	7.5

Table 2B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
S319	07/03/2007	12:00	0	Temperature (°C)	30.2
S319	07/03/2007	12:00	0	Total Phosphorus (mg/L)	0.08
S319	07/03/2007	12:05	24	Total Phosphorus (mg/L)	0.066
S319	07/03/2007	15:20	0	Total Phosphorus (mg/L)	0.06
S319	07/05/2007	11:00	0	Total Phosphorus (mg/L)	0.125
S319	07/12/2007	11:20	0	Alkalinity (mg CaCO ₃ /L)	192
S319	07/12/2007	11:20	0	Conductivity (µS/cm)	633
S319	07/12/2007	11:20	0	Dissolved Oxygen (mg/L)	5.64
S319	07/12/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.021
S319	07/12/2007	11:20	0	pH	7.4
S319	07/12/2007	11:20	0	Sulfate (mg/L)	30
S319	07/12/2007	11:20	0	Temperature (°C)	31.5
S319	07/12/2007	11:20	0	Total Phosphorus (mg/L)	0.086
S319	07/12/2007	11:25	24	Total Phosphorus (mg/L)	0.118
S319	07/19/2007	13:00	0	Conductivity (µS/cm)	636
S319	07/19/2007	13:00	0	Dissolved Oxygen (mg/L)	3.1
S319	07/19/2007	13:00	0	pH	7.1
S319	07/19/2007	13:00	0	Temperature (°C)	31.9
S319	07/19/2007	13:00	0	Total Phosphorus (mg/L)	0.064
S319	07/19/2007	13:05	24	Total Phosphorus (mg/L)	0.072
S319	07/19/2007	14:09	0	Total Phosphorus (mg/L)	0.075
S319	07/26/2007	12:38	0	Alkalinity (mg CaCO ₃ /L)	183
S319	07/26/2007	12:38	0	Conductivity (µS/cm)	594.3
S319	07/26/2007	12:38	0	Dissolved Oxygen (mg/L)	4.45
S319	07/26/2007	12:38	0	Nitrate + Nitrite (mg N/L)	0.054
S319	07/26/2007	12:38	0	pH	7.5
S319	07/26/2007	12:38	0	Sulfate (mg/L)	22.6
S319	07/26/2007	12:38	0	Temperature (°C)	30.2
S319	07/26/2007	12:38	0	Total Phosphorus (mg/L)	0.078
S319	07/26/2007	12:45	24	Total Phosphorus (mg/L)	0.103
S319	08/02/2007	12:20	0	Conductivity (µS/cm)	648
S319	08/02/2007	12:20	0	Dissolved Oxygen (mg/L)	4.34
S319	08/02/2007	12:20	0	pH	7.4
S319	08/02/2007	12:20	0	Temperature (°C)	30.4
S319	08/02/2007	12:20	0	Total Phosphorus (mg/L)	0.088
S319	08/02/2007	12:25	24	Total Phosphorus (mg/L)	0.09
S319	08/09/2007	13:15	0	Alkalinity (mg CaCO ₃ /L)	214
S319	08/09/2007	13:15	0	Conductivity (µS/cm)	675.2
S319	08/09/2007	13:15	0	Dissolved Oxygen (mg/L)	6.51
S319	08/09/2007	13:15	0	pH	7.4
S319	08/09/2007	13:15	0	Sulfate (mg/L)	28.5
S319	08/09/2007	13:15	0	Temperature (°C)	32.8
S319	08/09/2007	13:15	0	Total Phosphorus (mg/L)	0.078
S319	08/09/2007	13:20	24	Total Phosphorus (mg/L)	0.096
S319	08/15/2007	13:10	0	Conductivity (µS/cm)	683
S319	08/15/2007	13:10	0	Dissolved Oxygen (mg/L)	5.99
S319	08/15/2007	13:10	0	pH	7.5
S319	08/15/2007	13:10	0	Temperature (°C)	32.3

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S319	08/15/2007	13:10	0	Total Phosphorus (mg/L)	0.065
S319	08/15/2007	13:15	24	Total Phosphorus (mg/L)	0.076
S319	08/22/2007	13:20	0	Alkalinity (mg CaCO ₃ /L)	188
S319	08/22/2007	13:20	0	Conductivity (µS/cm)	641.3
S319	08/22/2007	13:20	0	Dissolved Oxygen (mg/L)	3.86
S319	08/22/2007	13:20	0	Nitrate + Nitrite (mg N/L)	0.223
S319	08/22/2007	13:20	0	pH	7.2
S319	08/22/2007	13:20	0	Sulfate (mg/L)	27.1
S319	08/22/2007	13:20	0	Temperature (°C)	30.4
S319	08/22/2007	13:20	0	Total Phosphorus (mg/L)	0.165
S319	08/22/2007	13:25	24	Total Phosphorus (mg/L)	0.084
S319	08/30/2007	12:00	0	Conductivity (µS/cm)	669.6
S319	08/30/2007	12:00	0	Dissolved Oxygen (mg/L)	4.59
S319	08/30/2007	12:00	0	pH	7.4
S319	08/30/2007	12:00	0	Temperature (°C)	30.7
S319	08/30/2007	12:00	0	Total Phosphorus (mg/L)	0.078
S319	08/30/2007	12:05	24	Total Phosphorus (mg/L)	0.116
S319	09/06/2007	11:50	0	Alkalinity (mg CaCO ₃ /L)	217
S319	09/06/2007	11:50	0	Conductivity (µS/cm)	686
S319	09/06/2007	11:50	0	Dissolved Oxygen (mg/L)	8.33
S319	09/06/2007	11:50	0	Nitrate + Nitrite (mg N/L)	<0.005
S319	09/06/2007	11:50	0	pH	7.6
S319	09/06/2007	11:50	0	Sulfate (mg/L)	29.4
S319	09/06/2007	11:50	0	Temperature (°C)	31.1
S319	09/06/2007	11:50	0	Total Phosphorus (mg/L)	0.074
S319	09/06/2007	11:55	24	Total Phosphorus (mg/L)	0.071
S319	09/13/2007	12:50	0	Conductivity (µS/cm)	1280
S319	09/13/2007	12:50	0	Dissolved Oxygen (mg/L)	5.24
S319	09/13/2007	12:50	0	pH	7.6
S319	09/13/2007	12:50	0	Temperature (°C)	29.7
S319	09/13/2007	12:50	0	Total Phosphorus (mg/L)	0.089
S319	09/13/2007	12:55	24	Total Phosphorus (mg/L)	0.073
S319	09/20/2007	13:00	0	Alkalinity (mg CaCO ₃ /L)	191
S319	09/20/2007	13:00	0	Conductivity (µS/cm)	831.5
S319	09/20/2007	13:00	0	Dissolved Oxygen (mg/L)	5.2
S319	09/20/2007	13:00	0	Nitrate + Nitrite (mg N/L)	0.072
S319	09/20/2007	13:00	0	pH	7.6
S319	09/20/2007	13:00	0	Sulfate (mg/L)	23.4
S319	09/20/2007	13:00	0	Temperature (°C)	29.9
S319	09/20/2007	13:00	0	Total Phosphorus (mg/L)	0.114
S319	09/20/2007	13:05	24	Total Phosphorus (mg/L)	0.083
S319	09/27/2007	13:00	0	Conductivity (µS/cm)	626.7
S319	09/27/2007	13:00	0	Dissolved Oxygen (mg/L)	5.08
S319	09/27/2007	13:00	0	pH	7.3
S319	09/27/2007	13:00	0	Temperature (°C)	27.6
S319	09/27/2007	13:00	0	Total Phosphorus (mg/L)	0.136
S319	09/27/2007	13:05	24	Total Phosphorus (mg/L)	0.088
S319	10/04/2007	14:45	0	Alkalinity (mg CaCO ₃ /L)	192

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S319	10/04/2007	14:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	570.2
S319	10/04/2007	14:45	0	Dissolved Oxygen (mg/L)	12.1
S319	10/04/2007	14:45	0	Nitrate + Nitrite (mg N/L)	0.131
S319	10/04/2007	14:45	0	pH	7.2
S319	10/04/2007	14:45	0	Sulfate (mg/L)	24.6
S319	10/04/2007	14:45	0	Temperature ($^{\circ}\text{C}$)	28.8
S319	10/04/2007	14:45	0	Total Phosphorus (mg/L)	0.147
S319	10/04/2007	14:50	24	Total Phosphorus (mg/L)	0.158
S319	10/11/2007	12:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	645
S319	10/11/2007	12:15	0	Dissolved Oxygen (mg/L)	4.7
S319	10/11/2007	12:15	0	pH	7.4
S319	10/11/2007	12:15	0	Temperature ($^{\circ}\text{C}$)	28.9
S319	10/11/2007	12:15	0	Total Phosphorus (mg/L)	0.104
S319	10/11/2007	12:20	24	Total Phosphorus (mg/L)	0.137
S319	10/17/2007	12:30	0	Alkalinity (mg CaCO_3/L)	199
S319	10/17/2007	12:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	617
S319	10/17/2007	12:30	0	Dissolved Oxygen (mg/L)	4.65
S319	10/17/2007	12:30	0	Nitrate + Nitrite (mg N/L)	0.152
S319	10/17/2007	12:30	0	pH	7.5
S319	10/17/2007	12:30	0	Sulfate (mg/L)	22.7
S319	10/17/2007	12:30	0	Temperature ($^{\circ}\text{C}$)	27.1
S319	10/17/2007	12:30	0	Total Phosphorus (mg/L)	0.085
S319	10/17/2007	12:35	24	Total Phosphorus (mg/L)	0.111
S319	10/25/2007	14:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	616.4
S319	10/25/2007	14:10	0	Dissolved Oxygen (mg/L)	4.35
S319	10/25/2007	14:10	0	pH	7.1
S319	10/25/2007	14:10	0	Temperature ($^{\circ}\text{C}$)	28.3
S319	10/25/2007	14:10	0	Total Phosphorus (mg/L)	0.073
S319	10/25/2007	14:15	24	Total Phosphorus (mg/L)	0.105
S319	11/01/2007	14:00	0	Alkalinity (mg CaCO_3/L)	213
S319	11/01/2007	14:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	670.7
S319	11/01/2007	14:00	0	Dissolved Oxygen (mg/L)	5.06
S319	11/01/2007	14:00	0	Nitrate + Nitrite (mg N/L)	0.162
S319	11/01/2007	14:00	0	pH	7.4
S319	11/01/2007	14:00	0	Sulfate (mg/L)	30
S319	11/01/2007	14:00	0	Temperature ($^{\circ}\text{C}$)	26.2
S319	11/01/2007	14:00	0	Total Phosphorus (mg/L)	0.088
S319	11/01/2007	14:05	24	Total Phosphorus (mg/L)	0.093
S319	11/08/2007	14:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	895.7
S319	11/08/2007	14:10	0	Dissolved Oxygen (mg/L)	4.69
S319	11/08/2007	14:10	0	pH	7.2
S319	11/08/2007	14:10	0	Temperature ($^{\circ}\text{C}$)	23.8
S319	11/08/2007	14:10	0	Total Phosphorus (mg/L)	0.063
S319	11/08/2007	14:15	24	Total Phosphorus (mg/L)	0.072
S319	11/15/2007	12:40	0	Alkalinity (mg CaCO_3/L)	225
S319	11/15/2007	12:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	697.5
S319	11/15/2007	12:40	0	Dissolved Oxygen (mg/L)	6.24
S319	11/15/2007	12:40	0	Nitrate + Nitrite (mg N/L)	0.093

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S319	11/15/2007	12:40	0	pH	7.4
S319	11/15/2007	12:40	0	Sulfate (mg/L)	29.6
S319	11/15/2007	12:40	0	Temperature (°C)	26.7
S319	11/15/2007	12:40	0	Total Phosphorus (mg/L)	0.041
S319	11/15/2007	12:45	24	Total Phosphorus (mg/L)	0.047
S319	11/20/2007	12:45	0	Conductivity (µS/cm)	910
S319	11/20/2007	12:45	0	Dissolved Oxygen (mg/L)	6.15
S319	11/20/2007	12:45	0	pH	7.4
S319	11/20/2007	12:45	0	Temperature (°C)	22.6
S319	11/20/2007	12:45	0	Total Phosphorus (mg/L)	0.056
S319	11/20/2007	12:50	24	Total Phosphorus (mg/L)	0.053
S319	11/29/2007	14:00	0	Alkalinity (mg CaCO ₃ /L)	234
S319	11/29/2007	14:00	0	Conductivity (µS/cm)	720
S319	11/29/2007	14:00	0	Dissolved Oxygen (mg/L)	4.43
S319	11/29/2007	14:00	0	Nitrate + Nitrite (mg N/L)	0.256
S319	11/29/2007	14:00	0	pH	7.4
S319	11/29/2007	14:00	0	Sulfate (mg/L)	29.3
S319	11/29/2007	14:00	0	Temperature (°C)	24.6
S319	11/29/2007	14:00	0	Total Phosphorus (mg/L)	0.053
S319	11/29/2007	14:05	24	Total Phosphorus (mg/L)	0.063
S319	12/05/2007	13:10	0	Conductivity (µS/cm)	630
S319	12/05/2007	13:10	0	Dissolved Oxygen (mg/L)	5.18
S319	12/05/2007	13:10	0	pH	7.5
S319	12/05/2007	13:10	0	Temperature (°C)	24.3
S319	12/05/2007	13:10	0	Total Phosphorus (mg/L)	0.046
S319	12/05/2007	13:15	24	Total Phosphorus (mg/L)	0.065
S319	12/12/2007	13:10	0	Alkalinity (mg CaCO ₃ /L)	244
S319	12/12/2007	13:10	0	Conductivity (µS/cm)	847
S319	12/12/2007	13:10	0	Dissolved Oxygen (mg/L)	6.17
S319	12/12/2007	13:10	0	Nitrate + Nitrite (mg N/L)	0.173
S319	12/12/2007	13:10	0	pH	7.6
S319	12/12/2007	13:10	0	Sulfate (mg/L)	36
S319	12/12/2007	13:10	0	Temperature (°C)	24
S319	12/12/2007	13:10	0	Total Phosphorus (mg/L)	0.052
S319	12/12/2007	13:15	24	Total Phosphorus (mg/L)	0.058
S319	12/20/2007	12:15	0	Conductivity (µS/cm)	662
S319	12/20/2007	12:15	0	Dissolved Oxygen (mg/L)	6.01
S319	12/20/2007	12:15	0	pH	7.4
S319	12/20/2007	12:15	0	Temperature (°C)	21.1
S319	12/20/2007	12:15	0	Total Phosphorus (mg/L)	0.066
S319	12/20/2007	12:20	24	Total Phosphorus (mg/L)	0.165
S319	12/27/2007	11:20	0	Alkalinity (mg CaCO ₃ /L)	226
S319	12/27/2007	11:20	0	Conductivity (µS/cm)	653
S319	12/27/2007	11:20	0	Dissolved Oxygen (mg/L)	5.77
S319	12/27/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.122
S319	12/27/2007	11:20	0	pH	7.3
S319	12/27/2007	11:20	0	Sulfate (mg/L)	27.5
S319	12/27/2007	11:20	0	Temperature (°C)	22.9

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S319	12/27/2007	11:20	0	Total Phosphorus (mg/L)	0.045
S319	12/27/2007	11:25	24	Total Phosphorus (mg/L)	0.061
S319	01/03/2008	14:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	766
S319	01/03/2008	14:20	0	Dissolved Oxygen (mg/L)	7
S319	01/03/2008	14:20	0	pH	7.8
S319	01/03/2008	14:20	0	Temperature ($^{\circ}\text{C}$)	19.5
S319	01/03/2008	14:20	0	Total Phosphorus (mg/L)	0.06
S319	01/03/2008	14:25	24	Total Phosphorus (mg/L)	0.073
S319	01/10/2008	13:15	0	Alkalinity (mg CaCO_3/L)	229
S319	01/10/2008	13:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	740.6
S319	01/10/2008	13:15	0	Dissolved Oxygen (mg/L)	9.65
S319	01/10/2008	13:15	0	Nitrate + Nitrite (mg N/L)	0.091
S319	01/10/2008	13:15	0	pH	7.7
S319	01/10/2008	13:15	0	Sulfate (mg/L)	31
S319	01/10/2008	13:15	0	Temperature ($^{\circ}\text{C}$)	21.3
S319	01/10/2008	13:15	0	Total Phosphorus (mg/L)	0.052
S319	01/10/2008	13:20	24	Total Phosphorus (mg/L)	0.047
S319	01/17/2008	13:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	799.2
S319	01/17/2008	13:45	0	Dissolved Oxygen (mg/L)	7.89
S319	01/17/2008	13:45	0	pH	7.7
S319	01/17/2008	13:45	0	Temperature ($^{\circ}\text{C}$)	21.2
S319	01/17/2008	13:45	0	Total Phosphorus (mg/L)	0.051
S319	01/17/2008	13:50	24	Total Phosphorus (mg/L)	0.043
S319	01/24/2008	13:20	0	Alkalinity (mg CaCO_3/L)	213
S319	01/24/2008	13:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	680.4
S319	01/24/2008	13:20	0	Dissolved Oxygen (mg/L)	7.32
S319	01/24/2008	13:20	0	Nitrate + Nitrite (mg N/L)	0.055
S319	01/24/2008	13:20	0	pH	7.6
S319	01/24/2008	13:20	0	Sulfate (mg/L)	31.4
S319	01/24/2008	13:20	0	Temperature ($^{\circ}\text{C}$)	22.4
S319	01/24/2008	13:20	0	Total Phosphorus (mg/L)	0.083
S319	01/24/2008	13:25	24	Total Phosphorus (mg/L)	0.094
S319	01/31/2008	12:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	652.8
S319	01/31/2008	12:40	0	Dissolved Oxygen (mg/L)	7.44
S319	01/31/2008	12:40	0	pH	7.8
S319	01/31/2008	12:40	0	Temperature ($^{\circ}\text{C}$)	21.6
S319	01/31/2008	12:40	0	Total Phosphorus (mg/L)	0.059
S319	01/31/2008	12:45	24	Total Phosphorus (mg/L)	0.07
S319	02/07/2008	12:10	0	Alkalinity (mg CaCO_3/L)	212
S319	02/07/2008	12:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	724.1
S319	02/07/2008	12:10	0	Dissolved Oxygen (mg/L)	9.9
S319	02/07/2008	12:10	0	Nitrate + Nitrite (mg N/L)	<0.005
S319	02/07/2008	12:10	0	pH	7.7
S319	02/07/2008	12:10	0	Sulfate (mg/L)	30.8
S319	02/07/2008	12:10	0	Temperature ($^{\circ}\text{C}$)	24.7
S319	02/07/2008	12:10	0	Total Phosphorus (mg/L)	0.066
S319	02/07/2008	12:15	24	Total Phosphorus (mg/L)	0.056
S319	02/14/2008	13:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	574.7

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S319	02/14/2008	13:30	0	Dissolved Oxygen (mg/L)	6.03
S319	02/14/2008	13:30	0	pH	7.5
S319	02/14/2008	13:30	0	Temperature (°C)	20.9
S319	02/14/2008	13:30	0	Total Phosphorus (mg/L)	0.195
S319	02/14/2008	13:35	24	Total Phosphorus (mg/L)	0.143
S319	02/21/2008	13:30	0	Alkalinity (mg CaCO ₃ /L)	209
S319	02/21/2008	13:30	0	Conductivity (µS/cm)	708.1
S319	02/21/2008	13:30	0	Dissolved Oxygen (mg/L)	5.89
S319	02/21/2008	13:30	0	Nitrate + Nitrite (mg N/L)	0.083
S319	02/21/2008	13:30	0	pH	7.4
S319	02/21/2008	13:30	0	Sulfate (mg/L)	30.1
S319	02/21/2008	13:30	0	Temperature (°C)	23.5
S319	02/21/2008	13:30	0	Total Phosphorus (mg/L)	0.062
S319	02/21/2008	13:35	24	Total Phosphorus (mg/L)	0.12
S319	02/28/2008	13:10	0	Conductivity (µS/cm)	680.6
S319	02/28/2008	13:10	0	Dissolved Oxygen (mg/L)	7.97
S319	02/28/2008	13:10	0	pH	7.5
S319	02/28/2008	13:10	0	Temperature (°C)	22.6
S319	02/28/2008	13:10	0	Total Phosphorus (mg/L)	0.057
S319	02/28/2008	13:15	24	Total Phosphorus (mg/L)	0.102
S319	03/05/2008	15:05	0	Alkalinity (mg CaCO ₃ /L)	217
S319	03/05/2008	15:05	0	Conductivity (µS/cm)	688.2
S319	03/05/2008	15:05	0	Dissolved Oxygen (mg/L)	8.83
S319	03/05/2008	15:05	0	Nitrate + Nitrite (mg N/L)	0.035
S319	03/05/2008	15:05	0	pH	7.6
S319	03/05/2008	15:05	0	Sulfate (mg/L)	26
S319	03/05/2008	15:05	0	Temperature (°C)	25.9
S319	03/05/2008	15:05	0	Total Phosphorus (mg/L)	0.047
S319	03/05/2008	15:10	24	Total Phosphorus (mg/L)	0.081
S319	03/13/2008	12:45	0	Conductivity (µS/cm)	635
S319	03/13/2008	12:45	0	Dissolved Oxygen (mg/L)	6.39
S319	03/13/2008	12:45	0	pH	7.5
S319	03/13/2008	12:45	0	Temperature (°C)	23.1
S319	03/13/2008	12:45	0	Total Phosphorus (mg/L)	0.087
S319	03/13/2008	12:50	24	Total Phosphorus (mg/L)	0.105
S319	03/20/2008	14:50	0	Alkalinity (mg CaCO ₃ /L)	211
S319	03/20/2008	14:50	0	Conductivity (µS/cm)	645
S319	03/20/2008	14:50	0	Dissolved Oxygen (mg/L)	7.15
S319	03/20/2008	14:50	0	Nitrate + Nitrite (mg N/L)	0.033
S319	03/20/2008	14:50	0	pH	7.7
S319	03/20/2008	14:50	0	Sulfate (mg/L)	27.4
S319	03/20/2008	14:50	0	Temperature (°C)	24.8
S319	03/20/2008	14:50	0	Total Phosphorus (mg/L)	0.052
S319	03/20/2008	14:55	24	Total Phosphorus (mg/L)	0.065
S319	03/27/2008	12:45	0	Conductivity (µS/cm)	572.6
S319	03/27/2008	12:45	0	Dissolved Oxygen (mg/L)	6.03
S319	03/27/2008	12:45	0	pH	7.4
S319	03/27/2008	12:45	0	Temperature (°C)	22.2

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S319	03/27/2008	12:45	0	Total Phosphorus (mg/L)	0.066
S319	03/27/2008	12:50	24	Total Phosphorus (mg/L)	0.081
S319	04/03/2008	12:00	0	Alkalinity (mg CaCO ₃ /L)	199
S319	04/03/2008	12:00	0	Conductivity (µS/cm)	648.5
S319	04/03/2008	12:00	0	Dissolved Oxygen (mg/L)	5.94
S319	04/03/2008	12:00	0	Nitrate + Nitrite (mg N/L)	0.036
S319	04/03/2008	12:00	0	pH	7.6
S319	04/03/2008	12:00	0	Sulfate (mg/L)	27.9
S319	04/03/2008	12:00	0	Temperature (°C)	26
S319	04/03/2008	12:00	0	Total Phosphorus (mg/L)	0.055
S319	04/03/2008	12:05	24	Total Phosphorus (mg/L)	0.057
S319	04/10/2008	13:00	0	Conductivity (µS/cm)	612
S319	04/10/2008	13:00	0	Dissolved Oxygen (mg/L)	6.36
S319	04/10/2008	13:00	0	pH	8.1
S319	04/10/2008	13:00	0	Temperature (°C)	26.5
S319	04/10/2008	13:00	0	Total Phosphorus (mg/L)	0.072
S319	04/10/2008	13:05	24	Total Phosphorus (mg/L)	0.088
S319	04/17/2008	12:50	0	Alkalinity (mg CaCO ₃ /L)	203
S319	04/17/2008	12:50	0	Conductivity (µS/cm)	620.2
S319	04/17/2008	12:50	0	Dissolved Oxygen (mg/L)	9.9
S319	04/17/2008	12:50	0	pH	7.9
S319	04/17/2008	12:50	0	Sulfate (mg/L)	26.6
S319	04/17/2008	12:50	0	Temperature (°C)	24.2
S319	04/17/2008	12:50	0	Total Phosphorus (mg/L)	0.054
S319	04/17/2008	12:55	24	Total Phosphorus (mg/L)	0.061
S319	04/24/2008	12:50	0	Conductivity (µS/cm)	737.6
S319	04/24/2008	12:50	0	Dissolved Oxygen (mg/L)	8.74
S319	04/24/2008	12:50	0	pH	8
S319	04/24/2008	12:50	0	Temperature (°C)	25.4
S319	04/24/2008	12:50	0	Total Phosphorus (mg/L)	0.054
S319	04/24/2008	13:00	24	Total Phosphorus (mg/L)	0.061
S361	05/03/2007	11:50	0	Alkalinity (mg CaCO ₃ /L)	299
S361	05/03/2007	11:50	0	Conductivity (µS/cm)	1047
S361	05/03/2007	11:50	0	Dissolved Oxygen (mg/L)	6.72
S361	05/03/2007	11:50	0	Nitrate + Nitrite (mg N/L)	0.062
S361	05/03/2007	11:50	0	pH	7.8
S361	05/03/2007	11:50	0	Sulfate (mg/L)	15.3
S361	05/03/2007	11:50	0	Temperature (°C)	29.3
S361	05/03/2007	11:50	0	Total Phosphorus (mg/L)	0.025
S361	05/10/2007	11:00	0	Conductivity (µS/cm)	1153
S361	05/10/2007	11:00	0	Dissolved Oxygen (mg/L)	6.15
S361	05/10/2007	11:00	0	pH	7.7
S361	05/10/2007	11:00	0	Temperature (°C)	24.1
S361	05/10/2007	11:00	0	Total Phosphorus (mg/L)	0.034
S361	05/17/2007	11:50	0	Alkalinity (mg CaCO ₃ /L)	301
S361	05/17/2007	11:50	0	Conductivity (µS/cm)	1071
S361	05/17/2007	11:50	0	Dissolved Oxygen (mg/L)	6.91
S361	05/17/2007	11:50	0	Nitrate + Nitrite (mg N/L)	0.068

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S361	05/17/2007	11:50	0	pH	7.8
S361	05/17/2007	11:50	0	Sulfate (mg/L)	14.4
S361	05/17/2007	11:50	0	Temperature (°C)	26.4
S361	05/17/2007	11:50	0	Total Phosphorus (mg/L)	0.026
S361	05/24/2007	11:50	0	Conductivity (µS/cm)	822
S361	05/24/2007	11:50	0	Dissolved Oxygen (mg/L)	7.46
S361	05/24/2007	11:50	0	pH	7.9
S361	05/24/2007	11:50	0	Temperature (°C)	24.8
S361	05/24/2007	11:50	0	Total Phosphorus (mg/L)	0.023
S361	05/24/2007	11:55	24	Total Phosphorus (mg/L)	0.033
S361	05/31/2007	11:10	0	Alkalinity (mg CaCO ₃ /L)	267
S361	05/31/2007	11:10	0	Conductivity (µS/cm)	818.4
S361	05/31/2007	11:10	0	Dissolved Oxygen (mg/L)	7.09
S361	05/31/2007	11:10	0	Nitrate + Nitrite (mg N/L)	0.035
S361	05/31/2007	11:10	0	pH	8
S361	05/31/2007	11:10	0	Sulfate (mg/L)	9.7
S361	05/31/2007	11:10	0	Temperature (°C)	25.7
S361	05/31/2007	11:10	0	Total Phosphorus (mg/L)	0.022
S361	06/07/2007	12:35	0	Conductivity (µS/cm)	1041
S361	06/07/2007	12:35	0	Dissolved Oxygen (mg/L)	1.68
S361	06/07/2007	12:35	0	pH	7.1
S361	06/07/2007	12:35	0	Temperature (°C)	26.5
S361	06/07/2007	12:35	0	Total Phosphorus (mg/L)	0.057
S361	06/07/2007	12:40	24	Total Phosphorus (mg/L)	0.063
S361	06/14/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	282
S361	06/14/2007	11:30	0	Conductivity (µS/cm)	1117
S361	06/14/2007	11:30	0	Dissolved Oxygen (mg/L)	3.87
S361	06/14/2007	11:30	0	Nitrate + Nitrite (mg N/L)	0.039
S361	06/14/2007	11:30	0	pH	7.2
S361	06/14/2007	11:30	0	Sulfate (mg/L)	18.7
S361	06/14/2007	11:30	0	Temperature (°C)	27.5
S361	06/14/2007	11:30	0	Total Phosphorus (mg/L)	0.026
S361	06/14/2007	11:35	24	Total Phosphorus (mg/L)	0.034
S361	06/21/2007	11:40	0	Conductivity (µS/cm)	837
S361	06/21/2007	11:40	0	Dissolved Oxygen (mg/L)	3.1
S361	06/21/2007	11:40	0	pH	7.3
S361	06/21/2007	11:40	0	Temperature (°C)	29.7
S361	06/21/2007	11:40	0	Total Phosphorus (mg/L)	0.066
S361	06/21/2007	11:45	24	Total Phosphorus (mg/L)	0.043
S361	06/28/2007	13:50	0	Alkalinity (mg CaCO ₃ /L)	272
S361	06/28/2007	13:50	0	Conductivity (µS/cm)	1183
S361	06/28/2007	13:50	0	Dissolved Oxygen (mg/L)	4.24
S361	06/28/2007	13:50	0	Nitrate + Nitrite (mg N/L)	0.024
S361	06/28/2007	13:50	0	pH	7.2
S361	06/28/2007	13:50	0	Sulfate (mg/L)	18.5
S361	06/28/2007	13:50	0	Temperature (°C)	27.7
S361	06/28/2007	13:50	0	Total Phosphorus (mg/L)	0.029
S361	06/28/2007	13:55	24	Total Phosphorus (mg/L)	0.045

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S361	07/03/2007	11:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	1227
S361	07/03/2007	11:20	0	Dissolved Oxygen (mg/L)	2.4
S361	07/03/2007	11:20	0	pH	7.2
S361	07/03/2007	11:20	0	Temperature ($^{\circ}\text{C}$)	28.3
S361	07/03/2007	11:20	0	Total Phosphorus (mg/L)	0.033
S361	07/03/2007	11:25	24	Total Phosphorus (mg/L)	0.04
S361	07/12/2007	10:45	0	Alkalinity (mg CaCO_3/L)	241
S361	07/12/2007	10:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	895
S361	07/12/2007	10:45	0	Dissolved Oxygen (mg/L)	2.44
S361	07/12/2007	10:45	0	Nitrate + Nitrite (mg N/L)	0.028
S361	07/12/2007	10:45	0	pH	7.1
S361	07/12/2007	10:45	0	Sulfate (mg/L)	20.5
S361	07/12/2007	10:45	0	Temperature ($^{\circ}\text{C}$)	30
S361	07/12/2007	10:45	0	Total Phosphorus (mg/L)	0.124
S361	07/12/2007	10:50	24	Total Phosphorus (mg/L)	0.082
S361	07/19/2007	12:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	842.7
S361	07/19/2007	12:30	0	Dissolved Oxygen (mg/L)	3.46
S361	07/19/2007	12:30	0	pH	7
S361	07/19/2007	12:30	0	Temperature ($^{\circ}\text{C}$)	31.2
S361	07/19/2007	12:30	0	Total Phosphorus (mg/L)	0.093
S361	07/19/2007	12:35	24	Total Phosphorus (mg/L)	0.1
S361	07/26/2007	12:06	0	Alkalinity (mg CaCO_3/L)	259
S361	07/26/2007	12:06	0	Conductivity ($\mu\text{S}/\text{cm}$)	784.9
S361	07/26/2007	12:06	0	Dissolved Oxygen (mg/L)	2.28
S361	07/26/2007	12:06	0	Nitrate + Nitrite (mg N/L)	0.052
S361	07/26/2007	12:06	0	pH	7.2
S361	07/26/2007	12:06	0	Sulfate (mg/L)	15.2
S361	07/26/2007	12:06	0	Temperature ($^{\circ}\text{C}$)	28.5
S361	07/26/2007	12:06	0	Total Phosphorus (mg/L)	0.034
S361	07/26/2007	12:15	24	Total Phosphorus (mg/L)	0.093
S361	08/02/2007	11:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	1042
S361	08/02/2007	11:45	0	Dissolved Oxygen (mg/L)	2.58
S361	08/02/2007	11:45	0	pH	7.2
S361	08/02/2007	11:45	0	Temperature ($^{\circ}\text{C}$)	28.7
S361	08/02/2007	11:45	0	Total Phosphorus (mg/L)	0.053
S361	08/02/2007	11:50	24	Total Phosphorus (mg/L)	0.092
S361	08/09/2007	12:45	0	Alkalinity (mg CaCO_3/L)	296
S361	08/09/2007	12:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	1065
S361	08/09/2007	12:45	0	Dissolved Oxygen (mg/L)	3.84
S361	08/09/2007	12:45	0	pH	7.1
S361	08/09/2007	12:45	0	Sulfate (mg/L)	25.6
S361	08/09/2007	12:45	0	Temperature ($^{\circ}\text{C}$)	29.5
S361	08/09/2007	12:45	0	Total Phosphorus (mg/L)	0.04
S361	08/09/2007	12:50	24	Total Phosphorus (mg/L)	0.074
S361	08/15/2007	12:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	825
S361	08/15/2007	12:30	0	Dissolved Oxygen (mg/L)	4.07
S361	08/15/2007	12:30	0	pH	7.2
S361	08/15/2007	12:30	0	Temperature ($^{\circ}\text{C}$)	30.7

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S361	08/15/2007	12:30	0	Total Phosphorus (mg/L)	0.025
S361	08/15/2007	12:35	24	Total Phosphorus (mg/L)	0.093
S361	08/22/2007	12:00	0	Alkalinity (mg CaCO ₃ /L)	286
S361	08/22/2007	12:00	0	Conductivity (µS/cm)	1174
S361	08/22/2007	12:00	0	Dissolved Oxygen (mg/L)	2.38
S361	08/22/2007	12:00	0	Nitrate + Nitrite (mg N/L)	0.041
S361	08/22/2007	12:00	0	pH	7
S361	08/22/2007	12:00	0	Sulfate (mg/L)	32.3
S361	08/22/2007	12:00	0	Temperature (°C)	29.3
S361	08/22/2007	12:00	0	Total Phosphorus (mg/L)	0.042
S361	08/22/2007	12:05	24	Total Phosphorus (mg/L)	0.062
S361	08/30/2007	11:25	0	Conductivity (µS/cm)	851.5
S361	08/30/2007	11:25	0	Dissolved Oxygen (mg/L)	3.9
S361	08/30/2007	11:25	0	pH	7.2
S361	08/30/2007	11:25	0	Temperature (°C)	29.4
S361	08/30/2007	11:25	0	Total Phosphorus (mg/L)	0.027
S361	08/30/2007	11:30	24	Total Phosphorus (mg/L)	0.083
S361	09/06/2007	11:20	0	Alkalinity (mg CaCO ₃ /L)	290
S361	09/06/2007	11:20	0	Conductivity (µS/cm)	807
S361	09/06/2007	11:20	0	Dissolved Oxygen (mg/L)	4.97
S361	09/06/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.033
S361	09/06/2007	11:20	0	pH	7.3
S361	09/06/2007	11:20	0	Sulfate (mg/L)	15.6
S361	09/06/2007	11:20	0	Temperature (°C)	29.9
S361	09/06/2007	11:20	0	Total Phosphorus (mg/L)	0.023
S361	09/13/2007	12:10	0	Conductivity (µS/cm)	853.1
S361	09/13/2007	12:10	0	Dissolved Oxygen (mg/L)	2.57
S361	09/13/2007	12:10	0	pH	7.2
S361	09/13/2007	12:10	0	Temperature (°C)	28.9
S361	09/13/2007	12:10	0	Total Phosphorus (mg/L)	0.027
S361	09/13/2007	12:15	24	Total Phosphorus (mg/L)	0.112
S361	09/20/2007	12:30	0	Alkalinity (mg CaCO ₃ /L)	249
S361	09/20/2007	12:30	0	Conductivity (µS/cm)	988.2
S361	09/20/2007	12:30	0	Dissolved Oxygen (mg/L)	2.07
S361	09/20/2007	12:30	0	Nitrate + Nitrite (mg N/L)	0.081
S361	09/20/2007	12:30	0	pH	7.1
S361	09/20/2007	12:30	0	Sulfate (mg/L)	24.3
S361	09/20/2007	12:30	0	Temperature (°C)	28
S361	09/20/2007	12:30	0	Total Phosphorus (mg/L)	0.055
S361	09/20/2007	12:35	24	Total Phosphorus (mg/L)	0.098
S361	09/27/2007	12:25	0	Conductivity (µS/cm)	855.3
S361	09/27/2007	12:25	0	Dissolved Oxygen (mg/L)	2.55
S361	09/27/2007	12:25	0	pH	7.1
S361	09/27/2007	12:25	0	Temperature (°C)	26.9
S361	09/27/2007	12:25	0	Total Phosphorus (mg/L)	0.101
S361	09/27/2007	12:30	24	Total Phosphorus (mg/L)	0.087
S361	10/04/2007	14:05	0	Alkalinity (mg CaCO ₃ /L)	221
S361	10/04/2007	14:05	0	Conductivity (µS/cm)	831.4

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S361	10/04/2007	14:05	0	Dissolved Oxygen (mg/L)	12.7
S361	10/04/2007	14:05	0	Nitrate + Nitrite (mg N/L)	0.108
S361	10/04/2007	14:05	0	pH	7
S361	10/04/2007	14:05	0	Sulfate (mg/L)	18.4
S361	10/04/2007	14:05	0	Temperature (°C)	29.5
S361	10/04/2007	14:05	0	Total Phosphorus (mg/L)	0.158
S361	10/04/2007	14:10	24	Total Phosphorus (mg/L)	0.085
S361	10/11/2007	11:40	0	Conductivity (µS/cm)	1018
S361	10/11/2007	11:40	0	Dissolved Oxygen (mg/L)	3.05
S361	10/11/2007	11:40	0	pH	7.2
S361	10/11/2007	11:40	0	Temperature (°C)	28.6
S361	10/11/2007	11:40	0	Total Phosphorus (mg/L)	0.037
S361	10/11/2007	11:45	24	Total Phosphorus (mg/L)	0.105
S361	10/17/2007	11:55	0	Alkalinity (mg CaCO ₃ /L)	280
S361	10/17/2007	11:55	0	Conductivity (µS/cm)	1070
S361	10/17/2007	11:55	0	Dissolved Oxygen (mg/L)	3.16
S361	10/17/2007	11:55	0	Nitrate + Nitrite (mg N/L)	0.043
S361	10/17/2007	11:55	0	pH	7.2
S361	10/17/2007	11:55	0	Sulfate (mg/L)	26.7
S361	10/17/2007	11:55	0	Temperature (°C)	26.8
S361	10/17/2007	11:55	0	Total Phosphorus (mg/L)	0.047
S361	10/17/2007	12:00	24	Total Phosphorus (mg/L)	0.078
S361	10/25/2007	13:20	0	Conductivity (µS/cm)	900
S361	10/25/2007	13:20	0	Dissolved Oxygen (mg/L)	3.63
S361	10/25/2007	13:20	0	pH	6.8
S361	10/25/2007	13:20	0	Temperature (°C)	26.4
S361	10/25/2007	13:20	0	Total Phosphorus (mg/L)	0.042
S361	10/25/2007	13:25	24	Total Phosphorus (mg/L)	0.077
S361	11/01/2007	13:20	0	Alkalinity (mg CaCO ₃ /L)	291
S361	11/01/2007	13:20	0	Conductivity (µS/cm)	1139
S361	11/01/2007	13:20	0	Dissolved Oxygen (mg/L)	4.95
S361	11/01/2007	13:20	0	Nitrate + Nitrite (mg N/L)	0.097
S361	11/01/2007	13:20	0	pH	7.4
S361	11/01/2007	13:20	0	Sulfate (mg/L)	30.3
S361	11/01/2007	13:20	0	Temperature (°C)	26.2
S361	11/01/2007	13:20	0	Total Phosphorus (mg/L)	0.054
S361	11/01/2007	13:25	24	Total Phosphorus (mg/L)	0.115
S361	11/08/2007	13:20	0	Conductivity (µS/cm)	847.3
S361	11/08/2007	13:20	0	Dissolved Oxygen (mg/L)	2.34
S361	11/08/2007	13:20	0	pH	7
S361	11/08/2007	13:20	0	Temperature (°C)	23.3
S361	11/08/2007	13:20	0	Total Phosphorus (mg/L)	0.035
S361	11/08/2007	13:25	24	Total Phosphorus (mg/L)	0.056
S361	11/15/2007	12:10	0	Alkalinity (mg CaCO ₃ /L)	302
S361	11/15/2007	12:10	0	Conductivity (µS/cm)	1201
S361	11/15/2007	12:10	0	Dissolved Oxygen (mg/L)	3.45
S361	11/15/2007	12:10	0	Nitrate + Nitrite (mg N/L)	0.053
S361	11/15/2007	12:10	0	pH	7.2

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S361	11/15/2007	12:10	0	Sulfate (mg/L)	28.3
S361	11/15/2007	12:10	0	Temperature (°C)	24
S361	11/15/2007	12:10	0	Total Phosphorus (mg/L)	0.047
S361	11/15/2007	12:15	24	Total Phosphorus (mg/L)	0.065
S361	11/20/2007	12:10	0	Conductivity (µS/cm)	1260
S361	11/20/2007	12:10	0	Dissolved Oxygen (mg/L)	3.9
S361	11/20/2007	12:10	0	pH	7.2
S361	11/20/2007	12:10	0	Temperature (°C)	23
S361	11/20/2007	12:10	0	Total Phosphorus (mg/L)	0.042
S361	11/20/2007	12:15	24	Total Phosphorus (mg/L)	0.043
S361	11/29/2007	13:20	0	Alkalinity (mg CaCO ₃ /L)	287
S361	11/29/2007	13:20	0	Conductivity (µS/cm)	790
S361	11/29/2007	13:20	0	Dissolved Oxygen (mg/L)	2.66
S361	11/29/2007	13:20	0	Nitrate + Nitrite (mg N/L)	0.024
S361	11/29/2007	13:20	0	pH	7.1
S361	11/29/2007	13:20	0	Sulfate (mg/L)	14.6
S361	11/29/2007	13:20	0	Temperature (°C)	26.7
S361	11/29/2007	13:20	0	Total Phosphorus (mg/L)	0.028
S361	11/29/2007	13:25	24	Total Phosphorus (mg/L)	0.047
S361	12/05/2007	12:30	0	Conductivity (µS/cm)	825
S361	12/05/2007	12:30	0	Dissolved Oxygen (mg/L)	3.82
S361	12/05/2007	12:30	0	pH	7.3
S361	12/05/2007	12:30	0	Temperature (°C)	22.7
S361	12/05/2007	12:30	0	Total Phosphorus (mg/L)	0.031
S361	12/05/2007	12:35	24	Total Phosphorus (mg/L)	0.051
S361	12/12/2007	12:35	0	Alkalinity (mg CaCO ₃ /L)	300
S361	12/12/2007	12:35	0	Conductivity (µS/cm)	1041
S361	12/12/2007	12:35	0	Dissolved Oxygen (mg/L)	4.43
S361	12/12/2007	12:35	0	Nitrate + Nitrite (mg N/L)	0.055
S361	12/12/2007	12:35	0	pH	7.3
S361	12/12/2007	12:35	0	Sulfate (mg/L)	19.3
S361	12/12/2007	12:35	0	Temperature (°C)	23.9
S361	12/12/2007	12:35	0	Total Phosphorus (mg/L)	0.034
S361	12/12/2007	12:40	24	Total Phosphorus (mg/L)	0.056
S361	12/20/2007	11:40	0	Conductivity (µS/cm)	1250
S361	12/20/2007	11:40	0	Dissolved Oxygen (mg/L)	1.63
S361	12/20/2007	11:40	0	pH	7.1
S361	12/20/2007	11:40	0	Temperature (°C)	21.2
S361	12/20/2007	11:40	0	Total Phosphorus (mg/L)	0.04
S361	12/20/2007	11:45	24	Total Phosphorus (mg/L)	0.098
S361	12/27/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	312
S361	12/27/2007	10:50	0	Conductivity (µS/cm)	917
S361	12/27/2007	10:50	0	Dissolved Oxygen (mg/L)	1.45
S361	12/27/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.022
S361	12/27/2007	10:50	0	pH	7
S361	12/27/2007	10:50	0	Sulfate (mg/L)	14.5
S361	12/27/2007	10:50	0	Temperature (°C)	23.2
S361	12/27/2007	10:50	0	Total Phosphorus (mg/L)	0.107

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S361	12/27/2007	10:55	24	Total Phosphorus (mg/L)	0.025
S361	01/03/2008	13:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	1039
S361	01/03/2008	13:20	0	Dissolved Oxygen (mg/L)	8.32
S361	01/03/2008	13:20	0	pH	7.7
S361	01/03/2008	13:20	0	Temperature ($^{\circ}\text{C}$)	13.6
S361	01/03/2008	13:20	0	Total Phosphorus (mg/L)	0.026
S361	01/03/2008	13:25	24	Total Phosphorus (mg/L)	0.125
S361	01/10/2008	12:35	0	Alkalinity (mg CaCO_3/L)	294
S361	01/10/2008	12:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	1208
S361	01/10/2008	12:35	0	Dissolved Oxygen (mg/L)	2.89
S361	01/10/2008	12:35	0	Nitrate + Nitrite (mg N/L)	0.059
S361	01/10/2008	12:35	0	pH	7.1
S361	01/10/2008	12:35	0	Sulfate (mg/L)	23
S361	01/10/2008	12:35	0	Temperature ($^{\circ}\text{C}$)	22.7
S361	01/10/2008	12:35	0	Total Phosphorus (mg/L)	0.025
S361	01/10/2008	12:40	24	Total Phosphorus (mg/L)	0.068
S361	01/17/2008	13:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	825.3
S361	01/17/2008	13:00	0	Dissolved Oxygen (mg/L)	4.41
S361	01/17/2008	13:00	0	pH	7.4
S361	01/17/2008	13:00	0	Temperature ($^{\circ}\text{C}$)	21.7
S361	01/17/2008	13:00	0	Total Phosphorus (mg/L)	0.034
S361	01/17/2008	13:05	24	Total Phosphorus (mg/L)	0.082
S361	01/24/2008	12:40	0	Alkalinity (mg CaCO_3/L)	286
S361	01/24/2008	12:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	1387
S361	01/24/2008	12:40	0	Dissolved Oxygen (mg/L)	1.41
S361	01/24/2008	12:40	0	Nitrate + Nitrite (mg N/L)	0.025
S361	01/24/2008	12:40	0	pH	7
S361	01/24/2008	12:40	0	Sulfate (mg/L)	19
S361	01/24/2008	12:40	0	Temperature ($^{\circ}\text{C}$)	22.6
S361	01/24/2008	12:40	0	Total Phosphorus (mg/L)	0.03
S361	01/24/2008	12:45	24	Total Phosphorus (mg/L)	0.048
S361	01/31/2008	12:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	941.3
S361	01/31/2008	12:00	0	Dissolved Oxygen (mg/L)	3.23
S361	01/31/2008	12:00	0	pH	7.4
S361	01/31/2008	12:00	0	Temperature ($^{\circ}\text{C}$)	22.9
S361	01/31/2008	12:00	0	Total Phosphorus (mg/L)	0.031
S361	01/31/2008	12:05	24	Total Phosphorus (mg/L)	0.089
S361	02/07/2008	11:35	0	Alkalinity (mg CaCO_3/L)	296
S361	02/07/2008	11:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	844.3
S361	02/07/2008	11:35	0	Dissolved Oxygen (mg/L)	3.32
S361	02/07/2008	11:35	0	Nitrate + Nitrite (mg N/L)	0.024
S361	02/07/2008	11:35	0	pH	7.2
S361	02/07/2008	11:35	0	Sulfate (mg/L)	12
S361	02/07/2008	11:35	0	Temperature ($^{\circ}\text{C}$)	24.9
S361	02/07/2008	11:35	0	Total Phosphorus (mg/L)	0.026
S361	02/07/2008	11:40	24	Total Phosphorus (mg/L)	0.05
S361	02/14/2008	13:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	877.8
S361	02/14/2008	13:00	0	Dissolved Oxygen (mg/L)	3.99

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S361	02/14/2008	13:00	0	pH	7
S361	02/14/2008	13:00	0	Temperature (°C)	20.8
S361	02/14/2008	13:00	0	Total Phosphorus (mg/L)	0.183
S361	02/14/2008	13:05	24	Total Phosphorus (mg/L)	0.073
S361	02/21/2008	12:50	0	Alkalinity (mg CaCO ₃ /L)	284
S361	02/21/2008	12:50	0	Conductivity (µS/cm)	778.1
S361	02/21/2008	12:50	0	Dissolved Oxygen (mg/L)	3.58
S361	02/21/2008	12:50	0	Nitrate + Nitrite (mg N/L)	0.035
S361	02/21/2008	12:50	0	pH	7.3
S361	02/21/2008	12:50	0	Sulfate (mg/L)	10.4
S361	02/21/2008	12:50	0	Temperature (°C)	23.6
S361	02/21/2008	12:50	0	Total Phosphorus (mg/L)	0.021
S361	02/21/2008	12:55	24	Total Phosphorus (mg/L)	0.097
S361	02/28/2008	12:30	0	Conductivity (µS/cm)	1164
S361	02/28/2008	12:30	0	Dissolved Oxygen (mg/L)	6.54
S361	02/28/2008	12:30	0	pH	7.1
S361	02/28/2008	12:30	0	Temperature (°C)	18.2
S361	02/28/2008	12:30	0	Total Phosphorus (mg/L)	0.049
S361	02/28/2008	12:35	24	Total Phosphorus (mg/L)	0.058
S361	03/05/2008	14:15	0	Alkalinity (mg CaCO ₃ /L)	291
S361	03/05/2008	14:15	0	Conductivity (µS/cm)	897
S361	03/05/2008	14:15	0	Dissolved Oxygen (mg/L)	5.08
S361	03/05/2008	14:15	0	Nitrate + Nitrite (mg N/L)	0.061
S361	03/05/2008	14:15	0	pH	7.2
S361	03/05/2008	14:15	0	Sulfate (mg/L)	14.9
S361	03/05/2008	14:15	0	Temperature (°C)	25.9
S361	03/05/2008	14:15	0	Total Phosphorus (mg/L)	0.028
S361	03/05/2008	14:20	24	Total Phosphorus (mg/L)	0.049
S361	03/13/2008	12:10	0	Conductivity (µS/cm)	1231
S361	03/13/2008	12:10	0	Dissolved Oxygen (mg/L)	3.82
S361	03/13/2008	12:10	0	pH	7.2
S361	03/13/2008	12:10	0	Temperature (°C)	21.7
S361	03/13/2008	12:10	0	Total Phosphorus (mg/L)	0.038
S361	03/13/2008	12:15	24	Total Phosphorus (mg/L)	0.059
S361	03/20/2008	14:20	0	Alkalinity (mg CaCO ₃ /L)	288
S361	03/20/2008	14:20	0	Conductivity (µS/cm)	889
S361	03/20/2008	14:20	0	Dissolved Oxygen (mg/L)	5.66
S361	03/20/2008	14:20	0	Nitrate + Nitrite (mg N/L)	0.055
S361	03/20/2008	14:20	0	pH	7.4
S361	03/20/2008	14:20	0	Sulfate (mg/L)	12.6
S361	03/20/2008	14:20	0	Temperature (°C)	24.7
S361	03/20/2008	14:20	0	Total Phosphorus (mg/L)	0.028
S361	03/20/2008	14:25	24	Total Phosphorus (mg/L)	0.043
S361	03/27/2008	12:10	0	Conductivity (µS/cm)	925.1
S361	03/27/2008	12:10	0	Dissolved Oxygen (mg/L)	2.67
S361	03/27/2008	12:10	0	pH	7.1
S361	03/27/2008	12:10	0	Temperature (°C)	21.7
S361	03/27/2008	12:10	0	Total Phosphorus (mg/L)	0.053

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S361	03/27/2008	12:15	24	Total Phosphorus (mg/L)	0.07
S361	04/03/2008	11:20	0	Alkalinity (mg CaCO ₃ /L)	282
S361	04/03/2008	11:20	0	Conductivity (µS/cm)	1071
S361	04/03/2008	11:20	0	Dissolved Oxygen (mg/L)	3.51
S361	04/03/2008	11:20	0	Nitrate + Nitrite (mg N/L)	0.042
S361	04/03/2008	11:20	0	pH	7.3
S361	04/03/2008	11:20	0	Sulfate (mg/L)	16.7
S361	04/03/2008	11:20	0	Temperature (°C)	25.3
S361	04/03/2008	11:20	0	Total Phosphorus (mg/L)	0.03
S361	04/03/2008	11:25	24	Total Phosphorus (mg/L)	0.064
S361	04/10/2008	12:20	0	Conductivity (µS/cm)	994.8
S361	04/10/2008	12:20	0	Dissolved Oxygen (mg/L)	3.58
S361	04/10/2008	12:20	0	pH	7.9
S361	04/10/2008	12:20	0	Temperature (°C)	25.7
S361	04/10/2008	12:20	0	Total Phosphorus (mg/L)	0.048
S361	04/10/2008	12:25	24	Total Phosphorus (mg/L)	0.063
S361	04/17/2008	12:05	0	Alkalinity (mg CaCO ₃ /L)	290
S361	04/17/2008	12:05	0	Conductivity (µS/cm)	789.3
S361	04/17/2008	12:05	0	Dissolved Oxygen (mg/L)	4.32
S361	04/17/2008	12:05	0	Nitrate + Nitrite (mg N/L)	0.038
S361	04/17/2008	12:05	0	pH	7.3
S361	04/17/2008	12:05	0	Sulfate (mg/L)	11.4
S361	04/17/2008	12:05	0	Temperature (°C)	21.4
S361	04/17/2008	12:05	0	Total Phosphorus (mg/L)	0.032
S361	04/17/2008	12:10	24	Total Phosphorus (mg/L)	0.047
S361	04/24/2008	12:15	0	Conductivity (µS/cm)	855.4
S361	04/24/2008	12:15	0	Dissolved Oxygen (mg/L)	4.84
S361	04/24/2008	12:15	0	pH	7.4
S361	04/24/2008	12:15	0	Temperature (°C)	25.2
S361	04/24/2008	12:15	0	Total Phosphorus (mg/L)	0.029
S361	04/24/2008	12:20	24	Total Phosphorus (mg/L)	0.035
S362	05/03/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	246
S362	05/03/2007	11:30	0	Conductivity (µS/cm)	1420
S362	05/03/2007	11:30	0	Dissolved Oxygen (mg/L)	7.99
S362	05/03/2007	11:30	0	Nitrate + Nitrite (mg N/L)	<0.006
S362	05/03/2007	11:30	0	pH	8.4
S362	05/03/2007	11:30	0	Sulfate (mg/L)	59.8
S362	05/03/2007	11:30	0	Temperature (°C)	27.9
S362	05/03/2007	11:30	0	Total Phosphorus (mg/L)	0.03
S362	05/10/2007	10:35	0	Conductivity (µS/cm)	1440
S362	05/10/2007	10:35	0	Dissolved Oxygen (mg/L)	7.28
S362	05/10/2007	10:35	0	pH	8.3
S362	05/10/2007	10:35	0	Temperature (°C)	25.4
S362	05/10/2007	10:35	0	Total Phosphorus (mg/L)	0.03
S362	05/17/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	259
S362	05/17/2007	11:30	0	Conductivity (µS/cm)	1397
S362	05/17/2007	11:30	0	Dissolved Oxygen (mg/L)	7.75
S362	05/17/2007	11:30	0	Nitrate + Nitrite (mg N/L)	0.006

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S362	05/17/2007	11:30	0	pH	8.2
S362	05/17/2007	11:30	0	Sulfate (mg/L)	59.5
S362	05/17/2007	11:30	0	Temperature (°C)	26.4
S362	05/17/2007	11:30	0	Total Phosphorus (mg/L)	0.033
S362	05/24/2007	11:25	0	Conductivity (µS/cm)	1425
S362	05/24/2007	11:25	0	Dissolved Oxygen (mg/L)	7.87
S362	05/24/2007	11:25	0	pH	8.3
S362	05/24/2007	11:25	0	Temperature (°C)	25.8
S362	05/24/2007	11:25	0	Total Phosphorus (mg/L)	0.037
S362	05/31/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	245
S362	05/31/2007	10:40	0	Conductivity (µS/cm)	1432
S362	05/31/2007	10:40	0	Dissolved Oxygen (mg/L)	8.04
S362	05/31/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.007
S362	05/31/2007	10:40	0	pH	8.4
S362	05/31/2007	10:40	0	Sulfate (mg/L)	57.5
S362	05/31/2007	10:40	0	Temperature (°C)	25.9
S362	05/31/2007	10:40	0	Total Phosphorus (mg/L)	0.034
S362	06/07/2007	12:05	0	Conductivity (µS/cm)	1360
S362	06/07/2007	12:05	0	Dissolved Oxygen (mg/L)	7.44
S362	06/07/2007	12:05	0	pH	8.3
S362	06/07/2007	12:05	0	Temperature (°C)	27.1
S362	06/07/2007	12:05	0	Total Phosphorus (mg/L)	0.032
S362	06/14/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	230
S362	06/14/2007	11:00	0	Conductivity (µS/cm)	1339
S362	06/14/2007	11:00	0	Dissolved Oxygen (mg/L)	7.72
S362	06/14/2007	11:00	0	Nitrate + Nitrite (mg N/L)	<0.005
S362	06/14/2007	11:00	0	pH	8.2
S362	06/14/2007	11:00	0	Sulfate (mg/L)	51.6
S362	06/14/2007	11:00	0	Temperature (°C)	29.4
S362	06/14/2007	11:00	0	Total Phosphorus (mg/L)	0.03
S362	06/21/2007	11:15	0	Conductivity (µS/cm)	1310
S362	06/21/2007	11:15	0	Dissolved Oxygen (mg/L)	7.22
S362	06/21/2007	11:15	0	pH	8.2
S362	06/21/2007	11:15	0	Temperature (°C)	29.4
S362	06/21/2007	11:15	0	Total Phosphorus (mg/L)	0.025
S362	06/28/2007	13:15	0	Alkalinity (mg CaCO ₃ /L)	126
S362	06/28/2007	13:15	0	Conductivity (µS/cm)	1010
S362	06/28/2007	13:15	0	Dissolved Oxygen (mg/L)	4.09
S362	06/28/2007	13:15	0	Nitrate + Nitrite (mg N/L)	0.013
S362	06/28/2007	13:15	0	pH	8.1
S362	06/28/2007	13:15	0	Sulfate (mg/L)	22.6
S362	06/28/2007	13:15	0	Temperature (°C)	28.6
S362	06/28/2007	13:15	0	Total Phosphorus (mg/L)	0.028
S362	07/03/2007	11:00	0	Conductivity (µS/cm)	1057
S362	07/03/2007	11:00	0	Dissolved Oxygen (mg/L)	7.2
S362	07/03/2007	11:00	0	pH	8.3
S362	07/03/2007	11:00	0	Temperature (°C)	29.9
S362	07/03/2007	11:00	0	Total Phosphorus (mg/L)	0.028

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S362	07/12/2007	10:20	0	Alkalinity (mg CaCO ₃ /L)	117
S362	07/12/2007	10:20	0	Conductivity (µS/cm)	666
S362	07/12/2007	10:20	0	Dissolved Oxygen (mg/L)	7.58
S362	07/12/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.019
S362	07/12/2007	10:20	0	pH	7.9
S362	07/12/2007	10:20	0	Sulfate (mg/L)	19.7
S362	07/12/2007	10:20	0	Temperature (°C)	32
S362	07/12/2007	10:20	0	Total Phosphorus (mg/L)	0.028
S362	07/12/2007	10:25	24	Total Phosphorus (mg/L)	0.03
S362	07/19/2007	11:45	0	Conductivity (µS/cm)	541.5
S362	07/19/2007	11:45	0	Dissolved Oxygen (mg/L)	3.75
S362	07/19/2007	11:45	0	pH	7.3
S362	07/19/2007	11:45	0	Temperature (°C)	30.5
S362	07/19/2007	11:45	0	Total Phosphorus (mg/L)	0.019
S362	07/19/2007	11:50	24	Total Phosphorus (mg/L)	0.02
S362	07/26/2007	11:35	0	Alkalinity (mg CaCO ₃ /L)	121
S362	07/26/2007	11:35	0	Conductivity (µS/cm)	536.6
S362	07/26/2007	11:35	0	Dissolved Oxygen (mg/L)	5.17
S362	07/26/2007	11:35	0	Nitrate + Nitrite (mg N/L)	0.028
S362	07/26/2007	11:35	0	pH	7.5
S362	07/26/2007	11:35	0	Sulfate (mg/L)	22.5
S362	07/26/2007	11:35	0	Temperature (°C)	29
S362	07/26/2007	11:35	0	Total Phosphorus (mg/L)	0.015
S362	07/26/2007	11:40	24	Total Phosphorus (mg/L)	0.017
S362	08/02/2007	11:10	0	Conductivity (µS/cm)	586
S362	08/02/2007	11:10	0	Dissolved Oxygen (mg/L)	4.38
S362	08/02/2007	11:10	0	pH	7.5
S362	08/02/2007	11:10	0	Temperature (°C)	28.9
S362	08/02/2007	11:10	0	Total Phosphorus (mg/L)	0.015
S362	08/02/2007	11:15	24	Total Phosphorus (mg/L)	0.02
S362	08/09/2007	12:05	0	Alkalinity (mg CaCO ₃ /L)	140
S362	08/09/2007	12:05	0	Conductivity (µS/cm)	647.1
S362	08/09/2007	12:05	0	Dissolved Oxygen (mg/L)	5.25
S362	08/09/2007	12:05	0	pH	7.5
S362	08/09/2007	12:05	0	Sulfate (mg/L)	23.1
S362	08/09/2007	12:05	0	Temperature (°C)	31.5
S362	08/09/2007	12:05	0	Total Phosphorus (mg/L)	0.022
S362	08/09/2007	12:10	24	Total Phosphorus (mg/L)	0.026
S362	08/15/2007	11:55	0	Conductivity (µS/cm)	726
S362	08/15/2007	11:55	0	Dissolved Oxygen (mg/L)	1.14
S362	08/15/2007	11:55	0	pH	7.2
S362	08/15/2007	11:55	0	Temperature (°C)	29.5
S362	08/15/2007	11:55	0	Total Phosphorus (mg/L)	0.027
S362	08/15/2007	12:00	24	Total Phosphorus (mg/L)	0.032
S362	08/22/2007	11:15	0	Alkalinity (mg CaCO ₃ /L)	117
S362	08/22/2007	11:15	0	Conductivity (µS/cm)	569.2
S362	08/22/2007	11:15	0	Dissolved Oxygen (mg/L)	3.35
S362	08/22/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.021

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S362	08/22/2007	11:15	0	pH	7.4
S362	08/22/2007	11:15	0	Sulfate (mg/L)	26.1
S362	08/22/2007	11:15	0	Temperature (°C)	29.7
S362	08/22/2007	11:15	0	Total Phosphorus (mg/L)	0.014
S362	08/22/2007	11:20	24	Total Phosphorus (mg/L)	0.02
S362	08/30/2007	10:55	0	Conductivity (µS/cm)	601.6
S362	08/30/2007	10:55	0	Dissolved Oxygen (mg/L)	4.65
S362	08/30/2007	10:55	0	pH	7.5
S362	08/30/2007	10:55	0	Temperature (°C)	30
S362	08/30/2007	10:55	0	Total Phosphorus (mg/L)	0.017
S362	08/30/2007	11:00	24	Total Phosphorus (mg/L)	0.018
S362	09/06/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	146
S362	09/06/2007	10:50	0	Conductivity (µS/cm)	620
S362	09/06/2007	10:50	0	Dissolved Oxygen (mg/L)	3.26
S362	09/06/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.009
S362	09/06/2007	10:50	0	pH	7.3
S362	09/06/2007	10:50	0	Sulfate (mg/L)	27.9
S362	09/06/2007	10:50	0	Temperature (°C)	29.1
S362	09/06/2007	10:50	0	Total Phosphorus (mg/L)	0.018
S362	09/06/2007	10:55	24	Total Phosphorus (mg/L)	0.029
S362	09/13/2007	11:40	0	Conductivity (µS/cm)	681.1
S362	09/13/2007	11:40	0	Dissolved Oxygen (mg/L)	4.83
S362	09/13/2007	11:40	0	pH	7.6
S362	09/13/2007	11:40	0	Temperature (°C)	28.8
S362	09/13/2007	11:40	0	Total Phosphorus (mg/L)	0.018
S362	09/20/2007	11:55	0	Alkalinity (mg CaCO ₃ /L)	124
S362	09/20/2007	11:55	0	Conductivity (µS/cm)	599.2
S362	09/20/2007	11:55	0	Dissolved Oxygen (mg/L)	4.46
S362	09/20/2007	11:55	0	Nitrate + Nitrite (mg N/L)	0.025
S362	09/20/2007	11:55	0	pH	7.5
S362	09/20/2007	11:55	0	Sulfate (mg/L)	23.5
S362	09/20/2007	11:55	0	Temperature (°C)	27.6
S362	09/20/2007	11:55	0	Total Phosphorus (mg/L)	0.022
S362	09/20/2007	12:00	24	Total Phosphorus (mg/L)	0.028
S362	09/27/2007	11:50	0	Conductivity (µS/cm)	533.8
S362	09/27/2007	11:50	0	Dissolved Oxygen (mg/L)	5.58
S362	09/27/2007	11:50	0	pH	7.5
S362	09/27/2007	11:50	0	Temperature (°C)	26.8
S362	09/27/2007	11:50	0	Total Phosphorus (mg/L)	0.016
S362	09/27/2007	11:55	24	Total Phosphorus (mg/L)	0.017
S362	10/03/2007	16:40	0	Total Phosphorus (mg/L)	0.013
S362	10/04/2007	9:30	0	Alkalinity (mg CaCO ₃ /L)	140
S362	10/04/2007	9:30	0	Conductivity (µS/cm)	510.3
S362	10/04/2007	9:30	0	Dissolved Oxygen (mg/L)	11.5
S362	10/04/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.031
S362	10/04/2007	9:30	0	pH	7.1
S362	10/04/2007	9:30	0	Sulfate (mg/L)	23.4
S362	10/04/2007	9:30	0	Temperature (°C)	28.2

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S362	10/04/2007	9:30	0	Total Phosphorus (mg/L)	0.014
S362	10/04/2007	9:35	24	Total Phosphorus (mg/L)	0.016
S362	10/05/2007	11:30	0	Total Phosphorus (mg/L)	0.019
S362	10/09/2007	11:30	0	Total Phosphorus (mg/L)	0.024
S362	10/10/2007	13:45	0	Total Phosphorus (mg/L)	0.023
S362	10/11/2007	11:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	544.7
S362	10/11/2007	11:00	0	Dissolved Oxygen (mg/L)	2.01
S362	10/11/2007	11:00	0	pH	7.2
S362	10/11/2007	11:00	0	Temperature ($^{\circ}\text{C}$)	27.6
S362	10/11/2007	11:00	0	Total Phosphorus (mg/L)	0.023
S362	10/11/2007	11:05	24	Total Phosphorus (mg/L)	0.019
S362	10/17/2007	11:20	0	Alkalinity (mg CaCO_3/L)	145
S362	10/17/2007	11:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	607
S362	10/17/2007	11:20	0	Dissolved Oxygen (mg/L)	2.4
S362	10/17/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.017
S362	10/17/2007	11:20	0	pH	7.3
S362	10/17/2007	11:20	0	Sulfate (mg/L)	26.5
S362	10/17/2007	11:20	0	Temperature ($^{\circ}\text{C}$)	25.4
S362	10/17/2007	11:20	0	Total Phosphorus (mg/L)	0.018
S362	10/17/2007	11:25	24	Total Phosphorus (mg/L)	0.02
S362	10/25/2007	12:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	576.2
S362	10/25/2007	12:35	0	Dissolved Oxygen (mg/L)	3.11
S362	10/25/2007	12:35	0	pH	7.2
S362	10/25/2007	12:35	0	Temperature ($^{\circ}\text{C}$)	26.6
S362	10/25/2007	12:35	0	Total Phosphorus (mg/L)	0.018
S362	10/25/2007	12:40	24	Total Phosphorus (mg/L)	0.014
S362	11/01/2007	12:30	0	Alkalinity (mg CaCO_3/L)	147
S362	11/01/2007	12:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	552.3
S362	11/01/2007	12:30	0	Dissolved Oxygen (mg/L)	4.87
S362	11/01/2007	12:30	0	Nitrate + Nitrite (mg N/L)	0.034
S362	11/01/2007	12:30	0	pH	7.4
S362	11/01/2007	12:30	0	Sulfate (mg/L)	23.8
S362	11/01/2007	12:30	0	Temperature ($^{\circ}\text{C}$)	25.2
S362	11/01/2007	12:30	0	Total Phosphorus (mg/L)	0.016
S362	11/01/2007	12:35	24	Total Phosphorus (mg/L)	0.016
S362	11/08/2007	12:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	661.7
S362	11/08/2007	12:40	0	Dissolved Oxygen (mg/L)	4.47
S362	11/08/2007	12:40	0	pH	7.3
S362	11/08/2007	12:40	0	Temperature ($^{\circ}\text{C}$)	21.6
S362	11/08/2007	12:40	0	Total Phosphorus (mg/L)	0.02
S362	11/08/2007	12:45	24	Total Phosphorus (mg/L)	0.017
S362	11/15/2007	11:35	0	Alkalinity (mg CaCO_3/L)	130
S362	11/15/2007	11:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	576.7
S362	11/15/2007	11:35	0	Dissolved Oxygen (mg/L)	3.97
S362	11/15/2007	11:35	0	Nitrate + Nitrite (mg N/L)	0.014
S362	11/15/2007	11:35	0	pH	7.4
S362	11/15/2007	11:35	0	Sulfate (mg/L)	24.9
S362	11/15/2007	11:35	0	Temperature ($^{\circ}\text{C}$)	21.8

Table 2B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
S362	11/15/2007	11:35	0	Total Phosphorus (mg/L)	0.014
S362	11/15/2007	11:40	24	Total Phosphorus (mg/L)	0.018
S362	11/20/2007	11:00	0	Conductivity (μ S/cm)	702
S362	11/20/2007	11:00	0	Dissolved Oxygen (mg/L)	7.19
S362	11/20/2007	11:00	0	pH	7.6
S362	11/20/2007	11:00	0	Temperature ($^{\circ}$ C)	21.4
S362	11/20/2007	11:00	0	Total Phosphorus (mg/L)	0.015
S362	11/20/2007	11:05	7	Total Phosphorus (mg/L)	0.014
S362	11/29/2007	12:35	0	Alkalinity (mg CaCO ₃ /L)	196
S362	11/29/2007	12:35	0	Conductivity (μ S/cm)	850
S362	11/29/2007	12:35	0	Dissolved Oxygen (mg/L)	6.15
S362	11/29/2007	12:35	0	Nitrate + Nitrite (mg N/L)	0.104
S362	11/29/2007	12:35	0	pH	7.5
S362	11/29/2007	12:35	0	Sulfate (mg/L)	30.2
S362	11/29/2007	12:35	0	Temperature ($^{\circ}$ C)	24.1
S362	11/29/2007	12:35	0	Total Phosphorus (mg/L)	0.016
S362	11/29/2007	12:40	24	Total Phosphorus (mg/L)	0.021
S362	12/05/2007	12:00	0	Conductivity (μ S/cm)	1003
S362	12/05/2007	12:00	0	Dissolved Oxygen (mg/L)	5.8
S362	12/05/2007	12:00	0	pH	7.6
S362	12/05/2007	12:00	0	Temperature ($^{\circ}$ C)	23.8
S362	12/05/2007	12:00	0	Total Phosphorus (mg/L)	0.017
S362	12/12/2007	11:55	0	Alkalinity (mg CaCO ₃ /L)	236
S362	12/12/2007	11:55	0	Conductivity (μ S/cm)	1118
S362	12/12/2007	11:55	0	Dissolved Oxygen (mg/L)	5.97
S362	12/12/2007	11:55	0	Nitrate + Nitrite (mg N/L)	0.2
S362	12/12/2007	11:55	0	pH	7.7
S362	12/12/2007	11:55	0	Sulfate (mg/L)	48.2
S362	12/12/2007	11:55	0	Temperature ($^{\circ}$ C)	23.9
S362	12/12/2007	11:55	0	Total Phosphorus (mg/L)	0.014
S362	12/20/2007	11:00	0	Conductivity (μ S/cm)	750
S362	12/20/2007	11:00	0	Dissolved Oxygen (mg/L)	7.91
S362	12/20/2007	11:00	0	pH	7.8
S362	12/20/2007	11:00	0	Temperature ($^{\circ}$ C)	19.5
S362	12/20/2007	11:00	0	Total Phosphorus (mg/L)	0.018
S362	12/20/2007	11:05	24	Total Phosphorus (mg/L)	0.023
S362	12/27/2007	10:25	0	Alkalinity (mg CaCO ₃ /L)	150
S362	12/27/2007	10:25	0	Conductivity (μ S/cm)	712
S362	12/27/2007	10:25	0	Dissolved Oxygen (mg/L)	8.07
S362	12/27/2007	10:25	0	Nitrate + Nitrite (mg N/L)	0.025
S362	12/27/2007	10:25	0	pH	8
S362	12/27/2007	10:25	0	Sulfate (mg/L)	19
S362	12/27/2007	10:25	0	Total Phosphorus (mg/L)	0.026
S362	12/27/2007	10:30	24	Total Phosphorus (mg/L)	0.024
S362	01/03/2008	12:45	0	Conductivity (μ S/cm)	765
S362	01/03/2008	12:45	0	Dissolved Oxygen (mg/L)	7.48
S362	01/03/2008	12:45	0	pH	7.9
S362	01/03/2008	12:45	0	Temperature ($^{\circ}$ C)	18.4

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S362	01/03/2008	12:45	0	Total Phosphorus (mg/L)	0.021
S362	01/10/2008	12:05	0	Alkalinity (mg CaCO ₃ /L)	168
S362	01/10/2008	12:05	0	Conductivity (µS/cm)	810.5
S362	01/10/2008	12:05	0	Dissolved Oxygen (mg/L)	8.08
S362	01/10/2008	12:05	0	Nitrate + Nitrite (mg N/L)	0.087
S362	01/10/2008	12:05	0	pH	7.7
S362	01/10/2008	12:05	0	Sulfate (mg/L)	24.1
S362	01/10/2008	12:05	0	Temperature (°C)	19.8
S362	01/10/2008	12:05	0	Total Phosphorus (mg/L)	0.023
S362	01/17/2008	12:15	0	Conductivity (µS/cm)	882.3
S362	01/17/2008	12:15	0	Dissolved Oxygen (mg/L)	7.05
S362	01/17/2008	12:15	0	pH	7.6
S362	01/17/2008	12:15	0	Temperature (°C)	19.4
S362	01/17/2008	12:15	0	Total Phosphorus (mg/L)	0.029
S362	01/24/2008	12:00	0	Alkalinity (mg CaCO ₃ /L)	120
S362	01/24/2008	12:00	0	Conductivity (µS/cm)	683.4
S362	01/24/2008	12:00	0	Dissolved Oxygen (mg/L)	7.12
S362	01/24/2008	12:00	0	Nitrate + Nitrite (mg N/L)	0.019
S362	01/24/2008	12:00	0	pH	7.7
S362	01/24/2008	12:00	0	Sulfate (mg/L)	22.4
S362	01/24/2008	12:00	0	Temperature (°C)	21.2
S362	01/24/2008	12:00	0	Total Phosphorus (mg/L)	0.019
S362	01/31/2008	11:25	0	Conductivity (µS/cm)	745.9
S362	01/31/2008	11:25	0	Dissolved Oxygen (mg/L)	7.48
S362	01/31/2008	11:25	0	pH	7.9
S362	01/31/2008	11:25	0	Temperature (°C)	19.9
S362	01/31/2008	11:25	0	Total Phosphorus (mg/L)	0.018
S362	01/31/2008	11:30	24	Total Phosphorus (mg/L)	0.019
S362	02/07/2008	11:10	0	Alkalinity (mg CaCO ₃ /L)	155
S362	02/07/2008	11:10	0	Conductivity (µS/cm)	815
S362	02/07/2008	11:10	0	Dissolved Oxygen (mg/L)	6.56
S362	02/07/2008	11:10	0	Nitrate + Nitrite (mg N/L)	0.059
S362	02/07/2008	11:10	0	pH	7.5
S362	02/07/2008	11:10	0	Sulfate (mg/L)	27.1
S362	02/07/2008	11:10	0	Temperature (°C)	22.4
S362	02/07/2008	11:10	0	Total Phosphorus (mg/L)	0.03
S362	02/14/2008	12:25	0	Conductivity (µS/cm)	733.6
S362	02/14/2008	12:25	0	Dissolved Oxygen (mg/L)	6.8
S362	02/14/2008	12:25	0	pH	7.7
S362	02/14/2008	12:25	0	Temperature (°C)	19.7
S362	02/14/2008	12:25	0	Total Phosphorus (mg/L)	0.018
S362	02/14/2008	12:30	24	Total Phosphorus (mg/L)	0.02
S362	02/21/2008	12:05	0	Alkalinity (mg CaCO ₃ /L)	147
S362	02/21/2008	12:05	0	Conductivity (µS/cm)	657.2
S362	02/21/2008	12:05	0	Dissolved Oxygen (mg/L)	6.76
S362	02/21/2008	12:05	0	Nitrate + Nitrite (mg N/L)	0.019
S362	02/21/2008	12:05	0	pH	7.7
S362	02/21/2008	12:05	0	Sulfate (mg/L)	17.7

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S362	02/21/2008	12:05	0	Temperature (°C)	22.1
S362	02/21/2008	12:05	0	Total Phosphorus (mg/L)	0.024
S362	02/21/2008	12:10	24	Total Phosphorus (mg/L)	0.027
S362	02/28/2008	12:00	0	Conductivity (µS/cm)	559
S362	02/28/2008	12:00	0	Dissolved Oxygen (mg/L)	7.11
S362	02/28/2008	12:00	0	pH	7.6
S362	02/28/2008	12:00	0	Temperature (°C)	20.2
S362	02/28/2008	12:00	0	Total Phosphorus (mg/L)	0.019
S362	02/28/2008	12:05	24	Total Phosphorus (mg/L)	0.024
S362	03/05/2008	13:40	0	Alkalinity (mg CaCO ₃ /L)	132
S362	03/05/2008	13:40	0	Conductivity (µS/cm)	616.6
S362	03/05/2008	13:40	0	Dissolved Oxygen (mg/L)	6.41
S362	03/05/2008	13:40	0	Nitrate + Nitrite (mg N/L)	0.012
S362	03/05/2008	13:40	0	pH	7.6
S362	03/05/2008	13:40	0	Sulfate (mg/L)	22.4
S362	03/05/2008	13:40	0	Temperature (°C)	23.6
S362	03/05/2008	13:40	0	Total Phosphorus (mg/L)	0.022
S362	03/05/2008	13:45	24	Total Phosphorus (mg/L)	0.023
S362	03/13/2008	11:35	0	Conductivity (µS/cm)	626
S362	03/13/2008	11:35	0	Dissolved Oxygen (mg/L)	6.02
S362	03/13/2008	11:35	0	pH	7.6
S362	03/13/2008	11:35	0	Temperature (°C)	21.3
S362	03/13/2008	11:35	0	Total Phosphorus (mg/L)	0.018
S362	03/13/2008	11:40	24	Total Phosphorus (mg/L)	0.017
S362	03/20/2008	13:50	0	Alkalinity (mg CaCO ₃ /L)	139
S362	03/20/2008	13:50	0	Conductivity (µS/cm)	587
S362	03/20/2008	13:50	0	Dissolved Oxygen (mg/L)	7.63
S362	03/20/2008	13:50	0	Nitrate + Nitrite (mg N/L)	0.012
S362	03/20/2008	13:50	0	pH	7.8
S362	03/20/2008	13:50	0	Sulfate (mg/L)	25.7
S362	03/20/2008	13:50	0	Temperature (°C)	23
S362	03/20/2008	13:50	0	Total Phosphorus (mg/L)	0.016
S362	03/20/2008	13:55	24	Total Phosphorus (mg/L)	0.017
S362	03/27/2008	11:35	0	Conductivity (µS/cm)	585.4
S362	03/27/2008	11:35	0	Dissolved Oxygen (mg/L)	8.87
S362	03/27/2008	11:35	0	pH	7.9
S362	03/27/2008	11:35	0	Temperature (°C)	20.6
S362	03/27/2008	11:35	0	Total Phosphorus (mg/L)	0.013
S362	03/27/2008	11:40	24	Total Phosphorus (mg/L)	0.016
S362	04/03/2008	10:50	0	Alkalinity (mg CaCO ₃ /L)	136
S362	04/03/2008	10:50	0	Conductivity (µS/cm)	550.8
S362	04/03/2008	10:50	0	Dissolved Oxygen (mg/L)	4.88
S362	04/03/2008	10:50	0	Nitrate + Nitrite (mg N/L)	0.011
S362	04/03/2008	10:50	0	pH	7.5
S362	04/03/2008	10:50	0	Sulfate (mg/L)	24.6
S362	04/03/2008	10:50	0	Temperature (°C)	25.6
S362	04/03/2008	10:50	0	Total Phosphorus (mg/L)	0.015
S362	04/03/2008	10:55	24	Total Phosphorus (mg/L)	0.016

Table 2B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
S362	04/10/2008	11:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	720.1
S362	04/10/2008	11:40	0	Dissolved Oxygen (mg/L)	8.26
S362	04/10/2008	11:40	0	pH	8.3
S362	04/10/2008	11:40	0	Temperature ($^{\circ}\text{C}$)	26
S362	04/10/2008	11:40	0	Total Phosphorus (mg/L)	0.018
S362	04/10/2008	11:45	24	Total Phosphorus (mg/L)	0.024
S362	04/17/2008	11:40	0	Alkalinity (mg CaCO_3/L)	153

Table 3A. Summary of annual arithmetic averages and flow-weighted mean concentrations for all parameters other than TP monitored in STA-2.

Parameter	Arithmetic Means			Flow-Weighted Means			
	Inflow		Outflow	Total Inflow		Total Outflow	
	S6	G328	G335	n	Conc.	n	Conc.
Temperature (°C)	26.0	25.9	24.9	-NA-	-NA-	-NA-	-NA-
Dissolved Oxygen (mg/L)	3.6	4.4	4.3	-NA-	-NA-	-NA-	-NA-
Conductivity (µS/cm)	1,103	1,438	1,182	-NA-	-NA-	-NA-	-NA-
pH	7.5	7.6	7.6	-NA-	-NA-	-NA-	-NA-
Turbidity (NTU)	9.2	3.0	1.7	-NA-	-NA-	-NA-	-NA-
Sulfate (mg/L)	54.7	42.3	43.1	19 (50)	57.5	15 (25)	44.9
Alkalinity (mg CaCO ₃ /L)	305	357	305	20 (53)	314	15 (26)	257
Total Nitrogen (mg/L)	3.18	2.88	2.23	18 (48)	3.74	14 (24)	1.97
Nitrate + Nitrite (mg N/L)	0.619	0.534	0.093	20 (50)	0.914	14 (24)	0.061

-NA- : Not Applicable

n: number of samples with flow (total number of samples)

Table 3B. Water quality monitoring data for STA-2.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G328	05/02/2007	11:55	0	Conductivity ($\mu\text{S}/\text{cm}$)	1190
G328	05/02/2007	11:55	0	Dissolved Oxygen (mg/L)	8.14
G328	05/02/2007	11:55	0	pH	8.2
G328	05/02/2007	11:55	0	Temperature ($^{\circ}\text{C}$)	26.3
G328	05/02/2007	11:55	0	Total Phosphorus (mg/L)	0.021
G335	05/02/2007	9:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	1231
G335	05/02/2007	9:20	0	Dissolved Oxygen (mg/L)	5.74
G335	05/02/2007	9:20	0	pH	8.1
G335	05/02/2007	9:20	0	Temperature ($^{\circ}\text{C}$)	25.2
G335	05/02/2007	9:20	0	Total Phosphorus (mg/L)	0.013
S6	05/02/2007	12:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	924
S6	05/02/2007	12:15	0	Dissolved Oxygen (mg/L)	7.65
S6	05/02/2007	12:15	0	pH	8.2
S6	05/02/2007	12:15	0	Temperature ($^{\circ}\text{C}$)	27.2
S6	05/02/2007	12:15	0	Total Phosphorus (mg/L)	0.032
G328	05/09/2007	11:00	0	Alkalinity (mg CaCO_3/L)	259
G328	05/09/2007	11:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	990.8
G328	05/09/2007	11:00	0	Dissolved Oxygen (mg/L)	8.29
G328	05/09/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.246
G328	05/09/2007	11:00	0	pH	8.4
G328	05/09/2007	11:00	0	Sulfate (mg/L)	42.8
G328	05/09/2007	11:00	0	Temperature ($^{\circ}\text{C}$)	25.3
G328	05/09/2007	11:00	0	Total Phosphorus (mg/L)	0.023
G328	05/09/2007	11:00	0	Turbidity (NTU)	4.5
G335	05/09/2007	9:00	0	Alkalinity (mg CaCO_3/L)	337
G335	05/09/2007	9:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1266
G335	05/09/2007	9:00	0	Dissolved Oxygen (mg/L)	4.69
G335	05/09/2007	9:00	0	Nitrate + Nitrite (mg N/L)	0.12
G335	05/09/2007	9:00	0	pH	7.8
G335	05/09/2007	9:00	0	Sulfate (mg/L)	31.6
G335	05/09/2007	9:00	0	Temperature ($^{\circ}\text{C}$)	25.3
G335	05/09/2007	9:00	0	Total Phosphorus (mg/L)	0.012
G335	05/09/2007	9:00	0	Turbidity (NTU)	1.6
S6	05/09/2007	10:30	0	Alkalinity (mg CaCO_3/L)	181
S6	05/09/2007	10:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	713
S6	05/09/2007	10:30	0	Dissolved Oxygen (mg/L)	6.61
S6	05/09/2007	10:30	0	Nitrate + Nitrite (mg N/L)	0.102
S6	05/09/2007	10:35	24	Nitrate + Nitrite (mg N/L)	0.172
S6	05/09/2007	10:30	0	pH	8.1
S6	05/09/2007	10:30	0	Sulfate (mg/L)	39.8
S6	05/09/2007	10:30	0	Temperature ($^{\circ}\text{C}$)	26.9
S6	05/09/2007	10:30	0	Total Phosphorus (mg/L)	0.142
S6	05/09/2007	10:35	24	Total Phosphorus (mg/L)	0.035
S6	05/09/2007	10:30	0	Turbidity (NTU)	4.2

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	05/16/2007	12:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	1143
G328	05/16/2007	12:35	0	Dissolved Oxygen (mg/L)	8.22
G328	05/16/2007	12:35	0	pH	8.1
G328	05/16/2007	12:35	0	Temperature ($^{\circ}\text{C}$)	26.5
G328	05/16/2007	12:35	0	Total Phosphorus (mg/L)	0.021
G335	05/16/2007	9:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	1328
G335	05/16/2007	9:15	0	Dissolved Oxygen (mg/L)	2.73
G335	05/16/2007	9:15	0	pH	7
G335	05/16/2007	9:15	0	Temperature ($^{\circ}\text{C}$)	25.2
G335	05/16/2007	9:15	0	Total Phosphorus (mg/L)	0.013
S6	05/16/2007	13:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	696.5
S6	05/16/2007	13:00	0	Dissolved Oxygen (mg/L)	4.22
S6	05/16/2007	13:00	0	pH	7.6
S6	05/16/2007	13:00	0	Temperature ($^{\circ}\text{C}$)	26.4
S6	05/16/2007	13:00	0	Total Phosphorus (mg/L)	0.035
G328	05/23/2007	11:40	0	Alkalinity (mg CaCO_3/L)	178
G328	05/23/2007	11:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	716
G328	05/23/2007	11:40	0	Dissolved Oxygen (mg/L)	8.72
G328	05/23/2007	11:40	0	Nitrate + Nitrite (mg N/L)	0.253
G328	05/23/2007	11:40	0	pH	8
G328	05/23/2007	11:40	0	Sulfate (mg/L)	43.5
G328	05/23/2007	11:40	0	Temperature ($^{\circ}\text{C}$)	26.2
G328	05/23/2007	11:40	0	Total Phosphorus (mg/L)	0.039
G328	05/23/2007	11:40	0	Turbidity (NTU)	5.2
G335	05/23/2007	9:05	0	Alkalinity (mg CaCO_3/L)	397
G335	05/23/2007	9:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	1504
G335	05/23/2007	9:05	0	Dissolved Oxygen (mg/L)	1.71
G335	05/23/2007	9:05	0	Nitrate + Nitrite (mg N/L)	0.012
G335	05/23/2007	9:05	0	pH	7.4
G335	05/23/2007	9:05	0	Sulfate (mg/L)	29.6
G335	05/23/2007	9:05	0	Temperature ($^{\circ}\text{C}$)	24.5
G335	05/23/2007	9:05	0	Total Phosphorus (mg/L)	0.013
G335	05/23/2007	9:05	0	Turbidity (NTU)	2.6
S6	05/23/2007	11:25	0	Alkalinity (mg CaCO_3/L)	172
S6	05/23/2007	11:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	657.3
S6	05/23/2007	11:25	0	Dissolved Oxygen (mg/L)	3.58
S6	05/23/2007	11:30	24	Nitrate + Nitrite (mg N/L)	0.29
S6	05/23/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.422
S6	05/23/2007	11:25	0	pH	7.7
S6	05/23/2007	11:25	0	Sulfate (mg/L)	44.9
S6	05/23/2007	11:25	0	Temperature ($^{\circ}\text{C}$)	26.3
S6	05/23/2007	11:25	0	Total Phosphorus (mg/L)	0.055
S6	05/23/2007	11:30	24	Total Phosphorus (mg/L)	0.053
S6	05/23/2007	11:25	0	Turbidity (NTU)	2.7
G328	05/30/2007	12:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	880
G328	05/30/2007	12:10	0	Dissolved Oxygen (mg/L)	8.88
G328	05/30/2007	12:10	0	pH	8.2

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	05/30/2007	12:10	0	Temperature (°C)	27
G328	05/30/2007	12:10	0	Total Phosphorus (mg/L)	0.03
G335	05/30/2007	9:10	0	Conductivity (µS/cm)	1587
G335	05/30/2007	9:10	0	Dissolved Oxygen (mg/L)	2.84
G335	05/30/2007	9:10	0	pH	7.3
G335	05/30/2007	9:10	0	Temperature (°C)	24.4
G335	05/30/2007	9:10	0	Total Phosphorus (mg/L)	0.012
S6	05/30/2007	12:30	0	Conductivity (µS/cm)	743
S6	05/30/2007	12:30	0	Dissolved Oxygen (mg/L)	5.88
S6	05/30/2007	12:30	0	pH	7.8
S6	05/30/2007	12:30	0	Temperature (°C)	25.7
S6	05/30/2007	12:30	0	Total Phosphorus (mg/L)	0.049
G328	06/06/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	227
G328	06/06/2007	10:40	0	Conductivity (µS/cm)	889
G328	06/06/2007	10:40	0	Dissolved Oxygen (mg/L)	7.9
G328	06/06/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.326
G328	06/06/2007	10:40	0	pH	8.2
G328	06/06/2007	10:40	0	Sulfate (mg/L)	44.5
G328	06/06/2007	10:40	0	Temperature (°C)	29.1
G328	06/06/2007	10:40	0	Total Phosphorus (mg/L)	0.03
G328	06/06/2007	10:40	0	Turbidity (NTU)	1.8
G335	06/06/2007	9:30	0	Alkalinity (mg CaCO ₃ /L)	414
G335	06/06/2007	9:30	0	Conductivity (µS/cm)	1612
G335	06/06/2007	9:30	0	Dissolved Oxygen (mg/L)	4.98
G335	06/06/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.05
G335	06/06/2007	9:30	0	pH	7.6
G335	06/06/2007	9:30	0	Sulfate (mg/L)	32.2
G335	06/06/2007	9:30	0	Temperature (°C)	28
G335	06/06/2007	9:30	0	Total Phosphorus (mg/L)	0.023
G335	06/06/2007	9:30	0	Turbidity (NTU)	4.2
S6	06/06/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	133
S6	06/06/2007	11:05	0	Conductivity (µS/cm)	1567
S6	06/06/2007	11:05	0	Dissolved Oxygen (mg/L)	6.13
S6	06/06/2007	11:10	24	Nitrate + Nitrite (mg N/L)	0.237
S6	06/06/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.49
S6	06/06/2007	11:05	0	pH	7.9
S6	06/06/2007	11:05	0	Sulfate (mg/L)	40.5
S6	06/06/2007	11:05	0	Temperature (°C)	28.1
S6	06/06/2007	11:05	0	Total Phosphorus (mg/L)	0.135
S6	06/06/2007	11:10	24	Total Phosphorus (mg/L)	0.067
S6	06/06/2007	11:05	0	Turbidity (NTU)	15.2
G328	06/13/2007	13:25	0	Conductivity (µS/cm)	802
G328	06/13/2007	13:25	0	Dissolved Oxygen (mg/L)	8.47
G328	06/13/2007	13:25	0	pH	8.7
G328	06/13/2007	13:25	0	Temperature (°C)	29.6
G328	06/13/2007	13:25	0	Total Phosphorus (mg/L)	0.021
G335	06/13/2007	9:10	0	Conductivity (µS/cm)	954.4
G335	06/13/2007	9:10	0	Dissolved Oxygen (mg/L)	3.95

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G335	06/13/2007	9:10	0	pH	7.8
G335	06/13/2007	9:10	0	Temperature (°C)	27.6
G335	06/13/2007	9:10	0	Total Phosphorus (mg/L)	0.019
G335	06/13/2007	9:15	24	Total Phosphorus (mg/L)	0.022
S6	06/13/2007	13:50	0	Conductivity (µS/cm)	868.5
S6	06/13/2007	13:50	0	Dissolved Oxygen (mg/L)	5.98
S6	06/13/2007	13:55	24	Nitrate + Nitrite (mg N/L)	0.503
S6	06/13/2007	13:50	0	pH	8.3
S6	06/13/2007	13:50	0	Temperature (°C)	28.9
S6	06/13/2007	13:55	24	Total Phosphorus (mg/L)	0.107
S6	06/13/2007	13:50	0	Total Phosphorus (mg/L)	0.101
G328	06/20/2007	12:40	0	Alkalinity (mg CaCO ₃ /L)	339
G328	06/20/2007	12:40	0	Conductivity (µS/cm)	1345
G328	06/20/2007	12:40	0	Dissolved Oxygen (mg/L)	4.59
G328	06/20/2007	12:40	0	Nitrate + Nitrite (mg N/L)	1.144
G328	06/20/2007	12:40	0	pH	7.5
G328	06/20/2007	12:40	0	Sulfate (mg/L)	40.5
G328	06/20/2007	12:40	0	Temperature (°C)	31.6
G328	06/20/2007	12:45	24	Total Phosphorus (mg/L)	0.027
G328	06/20/2007	12:40	0	Total Phosphorus (mg/L)	0.033
G328	06/20/2007	12:40	0	Turbidity (NTU)	3.3
G335	06/20/2007	9:25	0	Alkalinity (mg CaCO ₃ /L)	211
G335	06/20/2007	9:25	0	Conductivity (µS/cm)	1035
G335	06/20/2007	9:25	0	Dissolved Oxygen (mg/L)	3.12
G335	06/20/2007	9:25	0	Nitrate + Nitrite (mg N/L)	0.023
G335	06/20/2007	9:25	0	pH	7.7
G335	06/20/2007	9:25	0	Sulfate (mg/L)	36.3
G335	06/20/2007	9:25	0	Temperature (°C)	28
G335	06/20/2007	9:30	24	Total Phosphorus (mg/L)	0.023
G335	06/20/2007	9:25	0	Total Phosphorus (mg/L)	0.021
G335	06/20/2007	9:25	0	Turbidity (NTU)	1.6
S6	06/20/2007	11:50	0	Alkalinity (mg CaCO ₃ /L)	265
S6	06/20/2007	11:50	0	Conductivity (µS/cm)	957
S6	06/20/2007	11:50	0	Dissolved Oxygen (mg/L)	2.67
S6	06/20/2007	11:50	0	Nitrate + Nitrite (mg N/L)	1.319
S6	06/20/2007	11:55	24	Nitrate + Nitrite (mg N/L)	0.958
S6	06/20/2007	11:50	0	pH	7.4
S6	06/20/2007	11:50	0	Sulfate (mg/L)	67.9
S6	06/20/2007	11:50	0	Temperature (°C)	29.3
S6	06/20/2007	11:50	0	Total Phosphorus (mg/L)	0.115
S6	06/20/2007	11:55	24	Total Phosphorus (mg/L)	0.096
S6	06/20/2007	11:50	0	Turbidity (NTU)	18.6
G328	06/27/2007	12:45	0	Conductivity (µS/cm)	1565
G328	06/27/2007	12:45	0	Dissolved Oxygen (mg/L)	3.86
G328	06/27/2007	12:45	0	pH	7.6
G328	06/27/2007	12:45	0	Temperature (°C)	29.3
G328	06/27/2007	12:45	0	Total Phosphorus (mg/L)	0.021
G335	06/27/2007	9:20	0	Conductivity (µS/cm)	1034

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G335	06/27/2007	9:20	0	Dissolved Oxygen (mg/L)	3.46
G335	06/27/2007	9:20	0	pH	7.5
G335	06/27/2007	9:20	0	Temperature (°C)	29.1
G335	06/27/2007	9:20	0	Total Phosphorus (mg/L)	0.019
G335	06/27/2007	9:25	24	Total Phosphorus (mg/L)	0.03
S6	06/27/2007	13:00	0	Conductivity (µS/cm)	1032
S6	06/27/2007	13:00	0	Dissolved Oxygen (mg/L)	2.28
S6	06/27/2007	13:05	24	Nitrate + Nitrite (mg N/L)	1.173
S6	06/27/2007	13:00	0	pH	7.4
S6	06/27/2007	13:00	0	Temperature (°C)	28.9
S6	06/27/2007	13:05	24	Total Phosphorus (mg/L)	0.061
S6	06/27/2007	13:00	0	Total Phosphorus (mg/L)	0.027
G328	07/03/2007	10:30	0	Alkalinity (mg CaCO ₃ /L)	345
G328	07/03/2007	10:30	0	Conductivity (µS/cm)	1449
G328	07/03/2007	10:30	0	Dissolved Oxygen (mg/L)	3.59
G328	07/03/2007	10:30	0	Nitrate + Nitrite (mg N/L)	1.242
G328	07/03/2007	10:30	0	pH	7.7
G328	07/03/2007	10:30	0	Sulfate (mg/L)	40.5
G328	07/03/2007	10:30	0	Temperature (°C)	29.8
G328	07/03/2007	10:35	24	Total Phosphorus (mg/L)	0.027
G328	07/03/2007	10:30	0	Total Phosphorus (mg/L)	0.022
G328	07/03/2007	10:30	0	Turbidity (NTU)	1.9
G335	07/03/2007	8:20	0	Alkalinity (mg CaCO ₃ /L)	256
G335	07/03/2007	8:20	0	Conductivity (µS/cm)	1032
G335	07/03/2007	8:20	0	Dissolved Oxygen (mg/L)	4.81
G335	07/03/2007	8:20	0	Nitrate + Nitrite (mg N/L)	0.02
G335	07/03/2007	8:20	0	pH	7.7
G335	07/03/2007	8:20	0	Sulfate (mg/L)	51
G335	07/03/2007	8:20	0	Temperature (°C)	29
G335	07/03/2007	8:25	24	Total Phosphorus (mg/L)	0.021
G335	07/03/2007	8:20	0	Total Phosphorus (mg/L)	0.018
G335	07/03/2007	8:20	0	Turbidity (NTU)	1.2
S6	07/03/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	320
S6	07/03/2007	10:50	0	Conductivity (µS/cm)	1145
S6	07/03/2007	10:50	0	Dissolved Oxygen (mg/L)	10.2
S6	07/03/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.824
S6	07/03/2007	10:50	0	pH	8.2
S6	07/03/2007	10:50	0	Sulfate (mg/L)	57.4
S6	07/03/2007	10:50	0	Temperature (°C)	31.3
S6	07/03/2007	10:50	0	Total Phosphorus (mg/L)	0.048
S6	07/03/2007	10:50	0	Turbidity (NTU)	2.7
G328	07/11/2007	14:25	0	Conductivity (µS/cm)	1531
G328	07/11/2007	14:25	0	Dissolved Oxygen (mg/L)	5.3
G328	07/11/2007	14:25	0	pH	7.5
G328	07/11/2007	14:25	0	Temperature (°C)	34.1
G328	07/11/2007	14:30	24	Total Phosphorus (mg/L)	0.029
G328	07/11/2007	14:25	0	Total Phosphorus (mg/L)	0.023
G335	07/11/2007	9:10	0	Conductivity (µS/cm)	906.5

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G335	07/11/2007	9:10	0	Dissolved Oxygen (mg/L)	3.94
G335	07/11/2007	9:10	0	pH	7.2
G335	07/11/2007	9:10	0	Temperature (°C)	28.8
G335	07/11/2007	9:10	0	Total Phosphorus (mg/L)	0.043
G335	07/11/2007	9:15	24	Total Phosphorus (mg/L)	0.056
S6	07/11/2007	15:00	0	Conductivity (µS/cm)	1104
S6	07/11/2007	15:00	0	Dissolved Oxygen (mg/L)	10.8
S6	07/11/2007	15:05	24	Nitrate + Nitrite (mg N/L)	0.316
S6	07/11/2007	15:00	0	pH	7.8
S6	07/11/2007	15:00	0	Temperature (°C)	35.3
S6	07/11/2007	15:05	24	Total Phosphorus (mg/L)	0.087
S6	07/11/2007	15:00	0	Total Phosphorus (mg/L)	0.032
G328	07/18/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	368
G328	07/18/2007	11:40	0	Conductivity (µS/cm)	1418
G328	07/18/2007	11:40	0	Dissolved Oxygen (mg/L)	7.93
G328	07/18/2007	11:40	0	Nitrate + Nitrite (mg N/L)	0.294
G328	07/18/2007	11:40	0	pH	7.5
G328	07/18/2007	11:40	0	Sulfate (mg/L)	43.1
G328	07/18/2007	11:40	0	Temperature (°C)	30
G328	07/18/2007	11:45	24	Total Phosphorus (mg/L)	0.028
G328	07/18/2007	11:40	0	Total Phosphorus (mg/L)	0.018
G328	07/18/2007	11:40	0	Turbidity (NTU)	1.2
G335	07/18/2007	9:45	0	Alkalinity (mg CaCO ₃ /L)	176
G335	07/18/2007	9:45	0	Conductivity (µS/cm)	879.1
G335	07/18/2007	9:45	0	Dissolved Oxygen (mg/L)	1.8
G335	07/18/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.012
G335	07/18/2007	9:45	0	pH	7.7
G335	07/18/2007	9:45	0	Sulfate (mg/L)	53
G335	07/18/2007	9:45	0	Temperature (°C)	29.8
G335	07/18/2007	9:50	24	Total Phosphorus (mg/L)	0.024
G335	07/18/2007	9:45	0	Total Phosphorus (mg/L)	0.019
G335	07/18/2007	9:45	0	Turbidity (NTU)	1.3
S6	07/18/2007	8:35	0	Alkalinity (mg CaCO ₃ /L)	344
S6	07/18/2007	8:35	0	Conductivity (µS/cm)	1145
S6	07/18/2007	8:35	0	Dissolved Oxygen (mg/L)	2.29
S6	07/18/2007	8:35	0	Nitrate + Nitrite (mg N/L)	1.3
S6	07/18/2007	8:40	24	Nitrate + Nitrite (mg N/L)	0.351
S6	07/18/2007	8:35	0	pH	7.2
S6	07/18/2007	8:35	0	Sulfate (mg/L)	58.4
S6	07/18/2007	8:35	0	Temperature (°C)	29
S6	07/18/2007	8:40	24	Total Phosphorus (mg/L)	0.039
S6	07/18/2007	8:35	0	Total Phosphorus (mg/L)	0.021
S6	07/18/2007	8:35	0	Turbidity (NTU)	1.3
G328	07/25/2007	13:15	0	Conductivity (µS/cm)	1557
G328	07/25/2007	13:15	0	Dissolved Oxygen (mg/L)	3.78
G328	07/25/2007	13:15	0	pH	7.8
G328	07/25/2007	13:15	0	Temperature (°C)	29
G328	07/25/2007	13:15	0	Total Phosphorus (mg/L)	0.029

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	07/25/2007	13:20	24	Total Phosphorus (mg/L)	0.04
G335	07/25/2007	9:10	0	Conductivity (μ S/cm)	997
G335	07/25/2007	9:10	0	Dissolved Oxygen (mg/L)	2.73
G335	07/25/2007	9:10	0	pH	7.5
G335	07/25/2007	9:10	0	Temperature ($^{\circ}$ C)	28.5
G335	07/25/2007	9:15	24	Total Phosphorus (mg/L)	0.022
G335	07/25/2007	9:10	0	Total Phosphorus (mg/L)	0.019
S6	07/25/2007	13:35	0	Conductivity (μ S/cm)	1096
S6	07/25/2007	13:35	0	Dissolved Oxygen (mg/L)	3.26
S6	07/25/2007	13:40	24	Nitrate + Nitrite (mg N/L)	0.589
S6	07/25/2007	13:35	0	pH	7.7
S6	07/25/2007	13:35	0	Temperature ($^{\circ}$ C)	29.3
S6	07/25/2007	13:35	0	Total Phosphorus (mg/L)	0.073
S6	07/25/2007	13:40	24	Total Phosphorus (mg/L)	0.055
G328	08/01/2007	11:55	0	Alkalinity (mg CaCO ₃ /L)	418
G328	08/01/2007	11:55	0	Conductivity (μ S/cm)	1345
G328	08/01/2007	11:55	0	Dissolved Oxygen (mg/L)	2.6
G328	08/01/2007	11:55	0	Nitrate + Nitrite (mg N/L)	0.659
G328	08/01/2007	11:55	0	pH	7.8
G328	08/01/2007	11:55	0	Sulfate (mg/L)	37.5
G328	08/01/2007	11:55	0	Temperature ($^{\circ}$ C)	29.2
G328	08/01/2007	11:55	0	Total Phosphorus (mg/L)	0.03
G328	08/01/2007	12:00	24	Total Phosphorus (mg/L)	0.107
G328	08/01/2007	11:55	0	Turbidity (NTU)	3.4
G335	08/01/2007	9:30	0	Alkalinity (mg CaCO ₃ /L)	249
G335	08/01/2007	9:30	0	Conductivity (μ S/cm)	984
G335	08/01/2007	9:30	0	Dissolved Oxygen (mg/L)	4.41
G335	08/01/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.011
G335	08/01/2007	9:30	0	pH	7.5
G335	08/01/2007	9:30	0	Sulfate (mg/L)	40.6
G335	08/01/2007	9:30	0	Temperature ($^{\circ}$ C)	29.2
G335	08/01/2007	9:35	24	Total Phosphorus (mg/L)	0.031
G335	08/01/2007	9:30	0	Total Phosphorus (mg/L)	0.019
G335	08/01/2007	9:30	0	Turbidity (NTU)	2.4
S6	08/01/2007	12:25	0	Alkalinity (mg CaCO ₃ /L)	324
S6	08/01/2007	12:25	0	Conductivity (μ S/cm)	1227
S6	08/01/2007	12:25	0	Dissolved Oxygen (mg/L)	2.21
S6	08/01/2007	12:25	0	Nitrate + Nitrite (mg N/L)	0.602
S6	08/01/2007	12:30	24	Nitrate + Nitrite (mg N/L)	0.706
S6	08/01/2007	12:25	0	pH	7.2
S6	08/01/2007	12:25	0	Sulfate (mg/L)	61.5
S6	08/01/2007	12:25	0	Temperature ($^{\circ}$ C)	30.5
S6	08/01/2007	12:30	24	Total Phosphorus (mg/L)	0.117
S6	08/01/2007	12:25	0	Total Phosphorus (mg/L)	0.242
S6	08/01/2007	12:25	0	Turbidity (NTU)	18.7
G328	08/08/2007	13:40	0	Conductivity (μ S/cm)	1293
G328	08/08/2007	13:40	0	pH	7.1
G328	08/08/2007	13:40	0	Temperature ($^{\circ}$ C)	31.8

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	08/08/2007	13:40	0	Total Phosphorus (mg/L)	0.06
G328	08/08/2007	13:45	24	Total Phosphorus (mg/L)	0.045
G335	08/08/2007	9:20	0	Conductivity (µS/cm)	1041
G335	08/08/2007	9:20	0	pH	7.3
G335	08/08/2007	9:20	0	Temperature (°C)	30.1
G335	08/08/2007	9:20	0	Total Phosphorus (mg/L)	0.017
G335	08/08/2007	9:25	24	Total Phosphorus (mg/L)	0.021
S6	08/08/2007	14:00	0	Conductivity (µS/cm)	1101
S6	08/08/2007	14:05	24	Nitrate + Nitrite (mg N/L)	0.943
S6	08/08/2007	14:00	0	pH	7.2
S6	08/08/2007	14:00	0	Temperature (°C)	30.9
S6	08/08/2007	14:05	24	Total Phosphorus (mg/L)	0.163
S6	08/08/2007	14:00	0	Total Phosphorus (mg/L)	0.148
G328	08/15/2007	13:00	0	Alkalinity (mg CaCO ₃ /L)	380
G328	08/15/2007	13:00	0	Conductivity (µS/cm)	1462
G328	08/15/2007	13:00	0	Dissolved Oxygen (mg/L)	2.59
G328	08/15/2007	13:00	0	Nitrate + Nitrite (mg N/L)	0.53
G328	08/15/2007	13:00	0	pH	7.3
G328	08/15/2007	13:00	0	Sulfate (mg/L)	25.4
G328	08/15/2007	13:00	0	Temperature (°C)	29.6
G328	08/15/2007	13:00	0	Total Phosphorus (mg/L)	0.025
G328	08/15/2007	13:00	0	Turbidity (NTU)	1.1
G335	08/15/2007	8:50	0	Alkalinity (mg CaCO ₃ /L)	290
G335	08/15/2007	8:50	0	Conductivity (µS/cm)	1057
G335	08/15/2007	8:50	0	Dissolved Oxygen (mg/L)	2.24
G335	08/15/2007	8:50	0	pH	7.7
G335	08/15/2007	8:50	0	Sulfate (mg/L)	55.3
G335	08/15/2007	8:50	0	Temperature (°C)	28.4
G335	08/15/2007	8:50	0	Total Phosphorus (mg/L)	0.023
G335	08/15/2007	8:55	24	Total Phosphorus (mg/L)	0.017
G335	08/15/2007	8:50	0	Turbidity (NTU)	1.8
S6	08/15/2007	13:20	0	Alkalinity (mg CaCO ₃ /L)	312
S6	08/15/2007	13:20	0	Conductivity (µS/cm)	1114
S6	08/15/2007	13:20	0	Dissolved Oxygen (mg/L)	2.22
S6	08/15/2007	13:25	24	Nitrate + Nitrite (mg N/L)	0.303
S6	08/15/2007	13:20	0	Nitrate + Nitrite (mg N/L)	0.577
S6	08/15/2007	13:20	0	pH	7.3
S6	08/15/2007	13:20	0	Sulfate (mg/L)	58.5
S6	08/15/2007	13:20	0	Temperature (°C)	30.1
S6	08/15/2007	13:25	24	Total Phosphorus (mg/L)	0.126
S6	08/15/2007	13:20	0	Total Phosphorus (mg/L)	0.12
S6	08/15/2007	13:20	0	Turbidity (NTU)	1.2
G328	08/22/2007	12:55	0	Conductivity (µS/cm)	1641
G328	08/22/2007	12:55	0	Dissolved Oxygen (mg/L)	2.25
G328	08/22/2007	12:55	0	pH	7.4
G328	08/22/2007	12:55	0	Temperature (°C)	29.8
G328	08/22/2007	13:00	7	Total Phosphorus (mg/L)	0.023
G328	08/22/2007	12:55	0	Total Phosphorus (mg/L)	0.018

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G335	08/22/2007	9:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1040
G335	08/22/2007	9:00	0	Dissolved Oxygen (mg/L)	4.74
G335	08/22/2007	9:00	0	pH	7.6
G335	08/22/2007	9:00	0	Temperature ($^{\circ}\text{C}$)	29.1
G335	08/22/2007	9:00	0	Total Phosphorus (mg/L)	0.02
G335	08/22/2007	9:05	24	Total Phosphorus (mg/L)	0.024
S6	08/22/2007	13:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	1304
S6	08/22/2007	13:25	0	Dissolved Oxygen (mg/L)	4.71
S6	08/22/2007	13:30	24	Nitrate + Nitrite (mg N/L)	0.213
S6	08/22/2007	13:25	0	pH	7.5
S6	08/22/2007	13:25	0	Temperature ($^{\circ}\text{C}$)	29.2
S6	08/22/2007	13:30	24	Total Phosphorus (mg/L)	0.14
S6	08/22/2007	13:25	0	Total Phosphorus (mg/L)	0.036
G328	08/29/2007	11:15	0	Alkalinity (mg CaCO_3/L)	402
G328	08/29/2007	11:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	1690
G328	08/29/2007	11:15	0	Dissolved Oxygen (mg/L)	1.51
G328	08/29/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.079
G328	08/29/2007	11:15	0	pH	7.3
G328	08/29/2007	11:15	0	Sulfate (mg/L)	53.1
G328	08/29/2007	11:15	0	Temperature ($^{\circ}\text{C}$)	29.5
G328	08/29/2007	11:15	0	Total Phosphorus (mg/L)	0.018
G328	08/29/2007	11:20	7	Total Phosphorus (mg/L)	0.021
G328	08/29/2007	11:15	0	Turbidity (NTU)	1
G335	08/29/2007	9:20	0	Alkalinity (mg CaCO_3/L)	261
G335	08/29/2007	9:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	995
G335	08/29/2007	9:20	0	Dissolved Oxygen (mg/L)	3.1
G335	08/29/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.007
G335	08/29/2007	9:20	0	pH	7.6
G335	08/29/2007	9:20	0	Sulfate (mg/L)	46.8
G335	08/29/2007	9:20	0	Temperature ($^{\circ}\text{C}$)	28.5
G335	08/29/2007	9:20	0	Total Phosphorus (mg/L)	0.019
G335	08/29/2007	9:25	24	Total Phosphorus (mg/L)	0.02
G335	08/29/2007	9:20	0	Turbidity (NTU)	1.3
S6	08/29/2007	11:40	0	Alkalinity (mg CaCO_3/L)	288
S6	08/29/2007	11:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	1082
S6	08/29/2007	11:40	0	Dissolved Oxygen (mg/L)	2.56
S6	08/29/2007	11:40	0	Nitrate + Nitrite (mg N/L)	0.451
S6	08/29/2007	11:45	24	Nitrate + Nitrite (mg N/L)	0.141
S6	08/29/2007	11:40	0	pH	7.6
S6	08/29/2007	11:40	0	Sulfate (mg/L)	57.1
S6	08/29/2007	11:40	0	Temperature ($^{\circ}\text{C}$)	30.6
S6	08/29/2007	11:45	24	Total Phosphorus (mg/L)	0.077
S6	08/29/2007	11:40	0	Total Phosphorus (mg/L)	0.047
S6	08/29/2007	11:40	0	Turbidity (NTU)	2.8
G328	09/05/2007	13:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1647
G328	09/05/2007	13:00	0	Dissolved Oxygen (mg/L)	1.44
G328	09/05/2007	13:00	0	pH	7.1
G328	09/05/2007	13:00	0	Temperature ($^{\circ}\text{C}$)	29.3

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G328	09/05/2007	13:00	0	Total Phosphorus (mg/L)	0.018
G335	09/05/2007	9:20	0	Conductivity (μ S/cm)	1181
G335	09/05/2007	9:20	0	Dissolved Oxygen (mg/L)	5.49
G335	09/05/2007	9:20	0	pH	7.8
G335	09/05/2007	9:20	0	Temperature ($^{\circ}$ C)	30.4
G335	09/05/2007	9:25	24	Total Phosphorus (mg/L)	0.02
G335	09/05/2007	9:20	0	Total Phosphorus (mg/L)	0.017
S6	09/05/2007	13:20	0	Conductivity (μ S/cm)	1065
S6	09/05/2007	13:20	0	Dissolved Oxygen (mg/L)	5.3
S6	09/05/2007	13:20	0	pH	7.9
S6	09/05/2007	13:20	0	Temperature ($^{\circ}$ C)	30.4
S6	09/05/2007	13:20	0	Total Phosphorus (mg/L)	0.052
G328	09/12/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	377
G328	09/12/2007	11:40	0	Conductivity (μ S/cm)	1716
G328	09/12/2007	11:40	0	Dissolved Oxygen (mg/L)	1.69
G328	09/12/2007	11:40	0	Nitrate + Nitrite (mg N/L)	0.223
G328	09/12/2007	11:40	0	pH	7.9
G328	09/12/2007	11:40	0	Sulfate (mg/L)	52.9
G328	09/12/2007	11:40	0	Temperature ($^{\circ}$ C)	29
G328	09/12/2007	11:40	0	Total Phosphorus (mg/L)	0.02
G328	09/12/2007	11:40	0	Turbidity (NTU)	4.3
G335	09/12/2007	9:15	0	Alkalinity (mg CaCO ₃ /L)	309
G335	09/12/2007	9:15	0	Conductivity (μ S/cm)	1312
G335	09/12/2007	9:15	0	Dissolved Oxygen (mg/L)	3.81
G335	09/12/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.079
G335	09/12/2007	9:15	0	pH	7.6
G335	09/12/2007	9:15	0	Sulfate (mg/L)	36.4
G335	09/12/2007	9:15	0	Temperature ($^{\circ}$ C)	28.2
G335	09/12/2007	9:15	0	Total Phosphorus (mg/L)	0.013
G335	09/12/2007	9:20	24	Total Phosphorus (mg/L)	0.018
G335	09/12/2007	9:15	0	Turbidity (NTU)	1.1
S6	09/12/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	308
S6	09/12/2007	11:05	0	Conductivity (μ S/cm)	1127
S6	09/12/2007	11:05	0	Dissolved Oxygen (mg/L)	1.62
S6	09/12/2007	11:10	24	Nitrate + Nitrite (mg N/L)	0.062
S6	09/12/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.045
S6	09/12/2007	11:05	0	pH	7.4
S6	09/12/2007	11:05	0	Sulfate (mg/L)	49.7
S6	09/12/2007	11:05	0	Temperature ($^{\circ}$ C)	28.2
S6	09/12/2007	11:05	0	Total Phosphorus (mg/L)	0.029
S6	09/12/2007	11:05	0	Turbidity (NTU)	1.5
G328	09/19/2007	13:15	0	Conductivity (μ S/cm)	1998
G328	09/19/2007	13:15	0	Dissolved Oxygen (mg/L)	5.14
G328	09/19/2007	13:15	0	pH	7.9
G328	09/19/2007	13:15	0	Temperature ($^{\circ}$ C)	30.3
G328	09/19/2007	13:15	0	Total Phosphorus (mg/L)	0.02
G335	09/19/2007	9:00	0	Conductivity (μ S/cm)	1039
G335	09/19/2007	9:00	0	Dissolved Oxygen (mg/L)	3.29

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G335	09/19/2007	9:00	0	pH	7.6
G335	09/19/2007	9:00	0	Temperature (°C)	26.8
G335	09/19/2007	9:05	24	Total Phosphorus (mg/L)	0.02
G335	09/19/2007	9:00	0	Total Phosphorus (mg/L)	0.019
S6	09/19/2007	13:30	0	Conductivity (µS/cm)	1381
S6	09/19/2007	13:30	0	Dissolved Oxygen (mg/L)	2.78
S6	09/19/2007	13:35	24	Nitrate + Nitrite (mg N/L)	0.854
S6	09/19/2007	13:30	0	pH	7.5
S6	09/19/2007	13:30	0	Temperature (°C)	28.7
S6	09/19/2007	13:35	24	Total Phosphorus (mg/L)	0.102
S6	09/19/2007	13:30	0	Total Phosphorus (mg/L)	0.085
G328	09/26/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	399
G328	09/26/2007	11:25	0	Conductivity (µS/cm)	1577
G328	09/26/2007	11:25	0	Dissolved Oxygen (mg/L)	2.07
G328	09/26/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.88
G328	09/26/2007	11:25	0	pH	7.2
G328	09/26/2007	11:25	0	Sulfate (mg/L)	24.2
G328	09/26/2007	11:25	0	Temperature (°C)	26.3
G328	09/26/2007	11:25	0	Total Phosphorus (mg/L)	0.03
G328	09/26/2007	11:30	24	Total Phosphorus (mg/L)	0.069
G328	09/26/2007	11:25	0	Turbidity (NTU)	3.8
G335	09/26/2007	9:20	0	Alkalinity (mg CaCO ₃ /L)	275
G335	09/26/2007	9:20	0	Conductivity (µS/cm)	1049
G335	09/26/2007	9:20	0	Dissolved Oxygen (mg/L)	2.6
G335	09/26/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.089
G335	09/26/2007	9:20	0	pH	7.4
G335	09/26/2007	9:20	0	Sulfate (mg/L)	49.2
G335	09/26/2007	9:20	0	Temperature (°C)	26.3
G335	09/26/2007	9:25	24	Total Phosphorus (mg/L)	0.016
G335	09/26/2007	9:20	0	Total Phosphorus (mg/L)	0.015
G335	09/26/2007	9:20	0	Turbidity (NTU)	1.2
S6	09/26/2007	12:15	0	Alkalinity (mg CaCO ₃ /L)	361
S6	09/26/2007	12:15	0	Conductivity (µS/cm)	1238
S6	09/26/2007	12:15	0	Dissolved Oxygen (mg/L)	2
S6	09/26/2007	12:15	0	Nitrate + Nitrite (mg N/L)	0.604
S6	09/26/2007	12:20	24	Nitrate + Nitrite (mg N/L)	0.54
S6	09/26/2007	12:15	0	pH	7.2
S6	09/26/2007	12:15	0	Temperature (°C)	26.9
S6	09/26/2007	12:20	24	Total Phosphorus (mg/L)	0.129
S6	09/26/2007	12:15	0	Turbidity (NTU)	10.9
S6	09/27/2007	10:45	0	Alkalinity (mg CaCO ₃ /L)	360
S6	09/27/2007	10:45	0	Nitrate + Nitrite (mg N/L)	0.553
S6	09/27/2007	10:45	0	Sulfate (mg/L)	71.9
S6	09/27/2007	10:45	0	Total Phosphorus (mg/L)	0.143
S6	09/27/2007	10:45	0	Turbidity (NTU)	4.8
G328	10/03/2007	12:15	0	Conductivity (µS/cm)	1667
G328	10/03/2007	12:15	0	Dissolved Oxygen (mg/L)	1.45
G328	10/03/2007	12:15	0	pH	7.2

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	10/03/2007	12:15	0	Temperature (°C)	27.2
G328	10/03/2007	12:15	0	Total Phosphorus (mg/L)	0.029
G328	10/03/2007	12:20	24	Total Phosphorus (mg/L)	0.033
G335	10/03/2007	9:10	0	Conductivity (µS/cm)	1135
G335	10/03/2007	9:10	0	Dissolved Oxygen (mg/L)	3.08
G335	10/03/2007	9:10	0	pH	7.5
G335	10/03/2007	9:10	0	Temperature (°C)	26.6
G335	10/03/2007	9:15	24	Total Phosphorus (mg/L)	0.018
G335	10/03/2007	9:10	0	Total Phosphorus (mg/L)	0.015
S6	10/03/2007	12:40	0	Conductivity (µS/cm)	1222
S6	10/03/2007	12:40	0	Dissolved Oxygen (mg/L)	2.25
S6	10/03/2007	12:45	24	Nitrate + Nitrite (mg N/L)	0.582
S6	10/03/2007	12:40	0	pH	7.3
S6	10/03/2007	12:40	0	Temperature (°C)	27.1
S6	10/03/2007	12:45	24	Total Phosphorus (mg/L)	0.125
S6	10/03/2007	12:40	0	Total Phosphorus (mg/L)	0.162
G328	10/10/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	435
G328	10/10/2007	11:05	0	Conductivity (µS/cm)	1736
G328	10/10/2007	11:05	0	Dissolved Oxygen (mg/L)	0.64
G328	10/10/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.028
G328	10/10/2007	11:05	0	pH	7.4
G328	10/10/2007	11:05	0	Sulfate (mg/L)	50.5
G328	10/10/2007	11:05	0	Temperature (°C)	27.3
G328	10/10/2007	11:10	24	Total Phosphorus (mg/L)	0.02
G328	10/10/2007	11:05	0	Total Phosphorus (mg/L)	0.018
G328	10/10/2007	11:05	0	Turbidity (NTU)	2.3
G335	10/10/2007	10:10	0	Alkalinity (mg CaCO ₃ /L)	330
G335	10/10/2007	10:10	0	Conductivity (µS/cm)	1197
G335	10/10/2007	10:10	0	Dissolved Oxygen (mg/L)	3.31
G335	10/10/2007	10:10	0	Nitrate + Nitrite (mg N/L)	0.071
G335	10/10/2007	10:10	0	pH	7.5
G335	10/10/2007	10:10	0	Sulfate (mg/L)	64.8
G335	10/10/2007	10:10	0	Temperature (°C)	27.7
G335	10/10/2007	10:10	0	Total Phosphorus (mg/L)	0.017
G335	10/10/2007	10:15	24	Total Phosphorus (mg/L)	0.016
G335	10/10/2007	10:10	0	Turbidity (NTU)	1
S6	10/10/2007	8:55	0	Alkalinity (mg CaCO ₃ /L)	347
S6	10/10/2007	8:55	0	Conductivity (µS/cm)	1253
S6	10/10/2007	8:55	0	Dissolved Oxygen (mg/L)	1.73
S6	10/10/2007	9:00	24	Nitrate + Nitrite (mg N/L)	0.644
S6	10/10/2007	8:55	0	Nitrate + Nitrite (mg N/L)	0.493
S6	10/10/2007	8:55	0	pH	7.2
S6	10/10/2007	8:55	0	Sulfate (mg/L)	76.2
S6	10/10/2007	8:55	0	Temperature (°C)	27.8
S6	10/10/2007	9:00	24	Total Phosphorus (mg/L)	0.122
S6	10/10/2007	8:55	0	Total Phosphorus (mg/L)	0.092
S6	10/10/2007	8:55	0	Turbidity (NTU)	2.6
G328	10/17/2007	14:50	0	Conductivity (µS/cm)	1782

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	10/17/2007	14:50	0	Dissolved Oxygen (mg/L)	4.39
G328	10/17/2007	14:50	0	pH	7.5
G328	10/17/2007	14:50	0	Temperature (°C)	30.6
G328	10/17/2007	14:50	0	Total Phosphorus (mg/L)	0.019
G335	10/17/2007	9:40	0	Conductivity (µS/cm)	1283
G335	10/17/2007	9:40	0	Dissolved Oxygen (mg/L)	3.15
G335	10/17/2007	9:40	0	pH	7.3
G335	10/17/2007	9:40	0	Temperature (°C)	26.1
G335	10/17/2007	9:40	0	Total Phosphorus (mg/L)	0.025
S6	10/17/2007	15:15	0	Conductivity (µS/cm)	1221
S6	10/17/2007	15:15	0	Dissolved Oxygen (mg/L)	2.58
S6	10/17/2007	15:20	24	Nitrate + Nitrite (mg N/L)	0.369
S6	10/17/2007	15:15	0	pH	7.6
S6	10/17/2007	15:15	0	Temperature (°C)	28.8
S6	10/17/2007	15:15	0	Total Phosphorus (mg/L)	0.056
G328	10/24/2007	12:10	0	Alkalinity (mg CaCO ₃ /L)	438
G328	10/24/2007	12:10	0	Conductivity (µS/cm)	1661
G328	10/24/2007	12:10	0	Dissolved Oxygen (mg/L)	2.14
G328	10/24/2007	12:10	0	Nitrate + Nitrite (mg N/L)	0.52
G328	10/24/2007	12:10	0	pH	7.2
G328	10/24/2007	12:10	0	Sulfate (mg/L)	39
G328	10/24/2007	12:10	0	Temperature (°C)	26.8
G328	10/24/2007	12:10	0	Total Phosphorus (mg/L)	0.032
G328	10/24/2007	12:10	0	Turbidity (NTU)	5.3
G335	10/24/2007	9:30	0	Alkalinity (mg CaCO ₃ /L)	316
G335	10/24/2007	9:30	0	Conductivity (µS/cm)	1235
G335	10/24/2007	9:30	0	Dissolved Oxygen (mg/L)	3.08
G335	10/24/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.027
G335	10/24/2007	9:30	0	pH	7.4
G335	10/24/2007	9:30	0	Sulfate (mg/L)	63
G335	10/24/2007	9:30	0	Temperature (°C)	27.2
G335	10/24/2007	9:35	24	Total Phosphorus (mg/L)	0.022
G335	10/24/2007	9:30	0	Total Phosphorus (mg/L)	0.012
G335	10/24/2007	9:30	0	Turbidity (NTU)	0.7
S6	10/24/2007	12:15	0	Alkalinity (mg CaCO ₃ /L)	383
S6	10/24/2007	12:15	0	Conductivity (µS/cm)	1222
S6	10/24/2007	12:15	0	Dissolved Oxygen (mg/L)	3.55
S6	10/24/2007	12:20	24	Nitrate + Nitrite (mg N/L)	1.137
S6	10/24/2007	12:15	0	Nitrate + Nitrite (mg N/L)	0.549
S6	10/24/2007	12:15	0	pH	7.2
S6	10/24/2007	12:15	0	Sulfate (mg/L)	51.1
S6	10/24/2007	12:15	0	Temperature (°C)	26.9
S6	10/24/2007	12:15	0	Total Phosphorus (mg/L)	0.054
S6	10/24/2007	12:20	24	Total Phosphorus (mg/L)	0.083
S6	10/24/2007	12:15	0	Turbidity (NTU)	8.8
G328	10/31/2007	14:00	0	Conductivity (µS/cm)	1951
G328	10/31/2007	14:00	0	pH	7.5
G328	10/31/2007	14:00	0	Temperature (°C)	25.7

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G328	10/31/2007	14:00	0	Total Phosphorus (mg/L)	0.026
G335	10/31/2007	9:30	0	Conductivity (μ S/cm)	1227
G335	10/31/2007	9:30	0	pH	7.6
G335	10/31/2007	9:30	0	Temperature ($^{\circ}$ C)	25.2
G335	10/31/2007	9:35	24	Total Phosphorus (mg/L)	0.014
G335	10/31/2007	9:30	0	Total Phosphorus (mg/L)	0.014
S6	10/31/2007	14:20	0	Conductivity (μ S/cm)	429
S6	10/31/2007	14:25	24	Nitrate + Nitrite (mg N/L)	0.363
S6	10/31/2007	14:20	0	pH	7.6
S6	10/31/2007	14:20	0	Temperature ($^{\circ}$ C)	26.2
S6	10/31/2007	14:25	24	Total Phosphorus (mg/L)	0.057
S6	10/31/2007	14:20	0	Total Phosphorus (mg/L)	0.052
G328	11/07/2007	13:00	0	Alkalinity (mg CaCO ₃ /L)	432
G328	11/07/2007	13:00	0	Conductivity (μ S/cm)	1765
G328	11/07/2007	13:00	0	Dissolved Oxygen (mg/L)	1.69
G328	11/07/2007	13:00	0	Nitrate + Nitrite (mg N/L)	0.011
G328	11/07/2007	13:00	0	pH	7.3
G328	11/07/2007	13:00	0	Sulfate (mg/L)	57.9
G328	11/07/2007	13:00	0	Temperature ($^{\circ}$ C)	25
G328	11/07/2007	13:00	0	Total Phosphorus (mg/L)	0.016
G335	11/07/2007	9:10	0	Alkalinity (mg CaCO ₃ /L)	335
G335	11/07/2007	9:10	0	Conductivity (μ S/cm)	1298
G335	11/07/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.048
G335	11/07/2007	9:10	0	pH	7.6
G335	11/07/2007	9:10	0	Sulfate (mg/L)	42.2
G335	11/07/2007	9:10	0	Temperature ($^{\circ}$ C)	22.7
G335	11/07/2007	9:10	0	Total Phosphorus (mg/L)	0.014
G335	11/07/2007	9:15	24	Total Phosphorus (mg/L)	0.012
S6	11/07/2007	12:40	0	Alkalinity (mg CaCO ₃ /L)	325
S6	11/07/2007	12:40	0	Conductivity (μ S/cm)	1157
S6	11/07/2007	12:45	24	Nitrate + Nitrite (mg N/L)	0.251
S6	11/07/2007	12:40	0	Nitrate + Nitrite (mg N/L)	0.345
S6	11/07/2007	12:40	0	pH	7.8
S6	11/07/2007	12:40	0	Sulfate (mg/L)	57.2
S6	11/07/2007	12:40	0	Temperature ($^{\circ}$ C)	25.5
S6	11/07/2007	12:40	0	Total Phosphorus (mg/L)	0.065
S6	11/07/2007	12:45	24	Total Phosphorus (mg/L)	0.054
S6	11/07/2007	12:40	0	Turbidity (NTU)	3
G328	11/14/2007	13:40	0	Conductivity (μ S/cm)	1715
G328	11/14/2007	13:40	0	Dissolved Oxygen (mg/L)	0.91
G328	11/14/2007	13:40	0	pH	7.4
G328	11/14/2007	13:40	0	Temperature ($^{\circ}$ C)	23.2
G328	11/14/2007	13:40	0	Total Phosphorus (mg/L)	0.019
G335	11/14/2007	8:55	0	Conductivity (μ S/cm)	1301
G335	11/14/2007	8:55	0	Dissolved Oxygen (mg/L)	3.69
G335	11/14/2007	8:55	0	pH	7.4
G335	11/14/2007	8:55	0	Temperature ($^{\circ}$ C)	21.7
G335	11/14/2007	8:55	0	Total Phosphorus (mg/L)	0.012

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
S6	11/14/2007	14:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1142
S6	11/14/2007	14:00	0	Dissolved Oxygen (mg/L)	3.19
S6	11/14/2007	14:00	0	pH	7.5
S6	11/14/2007	14:00	0	Temperature ($^{\circ}\text{C}$)	24.2
S6	11/14/2007	14:00	0	Total Phosphorus (mg/L)	0.036
G328	11/21/2007	11:10	0	Alkalinity (mg CaCO_3/L)	373
G328	11/21/2007	11:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	1312
G328	11/21/2007	11:10	0	Dissolved Oxygen (mg/L)	0.62
G328	11/21/2007	11:10	0	Nitrate + Nitrite (mg N/L)	0.583
G328	11/21/2007	11:10	0	pH	8
G328	11/21/2007	11:10	0	Sulfate (mg/L)	54.2
G328	11/21/2007	11:10	0	Temperature ($^{\circ}\text{C}$)	22.1
G328	11/21/2007	11:10	0	Total Phosphorus (mg/L)	0.039
G335	11/21/2007	9:25	0	Alkalinity (mg CaCO_3/L)	361
G335	11/21/2007	9:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	1313
G335	11/21/2007	9:25	0	Dissolved Oxygen (mg/L)	4.2
G335	11/21/2007	9:25	0	Nitrate + Nitrite (mg N/L)	0.097
G335	11/21/2007	9:25	0	pH	7.4
G335	11/21/2007	9:25	0	Sulfate (mg/L)	37.8
G335	11/21/2007	9:25	0	Temperature ($^{\circ}\text{C}$)	21.6
G335	11/21/2007	9:25	0	Total Phosphorus (mg/L)	0.012
S6	11/21/2007	11:50	0	Alkalinity (mg CaCO_3/L)	326
S6	11/21/2007	11:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	1110
S6	11/21/2007	11:50	0	Dissolved Oxygen (mg/L)	1.09
S6	11/21/2007	11:50	0	Nitrate + Nitrite (mg N/L)	0.141
S6	11/21/2007	11:55	24	Nitrate + Nitrite (mg N/L)	0.145
S6	11/21/2007	11:50	0	pH	7.3
S6	11/21/2007	11:50	0	Sulfate (mg/L)	46.6
S6	11/21/2007	11:50	0	Temperature ($^{\circ}\text{C}$)	22.2
S6	11/21/2007	11:50	0	Total Phosphorus (mg/L)	0.029
S6	11/21/2007	11:50	0	Turbidity (NTU)	10.3
G328	11/28/2007	12:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1367
G328	11/28/2007	12:00	0	Dissolved Oxygen (mg/L)	6.55
G328	11/28/2007	12:00	0	pH	7.8
G328	11/28/2007	12:00	0	Temperature ($^{\circ}\text{C}$)	24.1
G328	11/28/2007	12:00	0	Total Phosphorus (mg/L)	0.023
G335	11/28/2007	9:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	1283
G335	11/28/2007	9:05	0	Dissolved Oxygen (mg/L)	4.73
G335	11/28/2007	9:05	0	pH	7.5
G335	11/28/2007	9:05	0	Temperature ($^{\circ}\text{C}$)	23
G335	11/28/2007	9:05	0	Total Phosphorus (mg/L)	0.012
S6	11/28/2007	12:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	1052
S6	11/28/2007	12:20	0	Dissolved Oxygen (mg/L)	0.74
S6	11/28/2007	12:20	0	pH	7.6
S6	11/28/2007	12:20	0	Temperature ($^{\circ}\text{C}$)	23.4
S6	11/28/2007	12:20	0	Total Phosphorus (mg/L)	0.034
G328	12/05/2007	11:15	0	Alkalinity (mg CaCO_3/L)	372
G328	12/05/2007	11:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	1420

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value
G328	12/05/2007 11:15	0	Dissolved Oxygen (mg/L)	4.23
G328	12/05/2007 11:15	0	Nitrate + Nitrite (mg N/L)	0.334
G328	12/05/2007 11:15	0	pH	7.6
G328	12/05/2007 11:15	0	Sulfate (mg/L)	50.7
G328	12/05/2007 11:15	0	Temperature (°C)	23.2
G328	12/05/2007 11:15	0	Total Phosphorus (mg/L)	0.023
G335	12/05/2007 8:55	0	Alkalinity (mg CaCO ₃ /L)	330
G335	12/05/2007 8:55	0	Conductivity (µS/cm)	1268
G335	12/05/2007 8:55	0	Dissolved Oxygen (mg/L)	4.63
G335	12/05/2007 8:55	0	Nitrate + Nitrite (mg N/L)	0.116
G335	12/05/2007 8:55	0	pH	7.5
G335	12/05/2007 8:55	0	Sulfate (mg/L)	36.3
G335	12/05/2007 8:55	0	Temperature (°C)	23.4
G335	12/05/2007 8:55	0	Total Phosphorus (mg/L)	0.011
S6	12/05/2007 10:45	0	Alkalinity (mg CaCO ₃ /L)	308
S6	12/05/2007 10:45	0	Conductivity (µS/cm)	1059
S6	12/05/2007 10:45	0	Dissolved Oxygen (mg/L)	2.76
S6	12/05/2007 10:45	0	Nitrate + Nitrite (mg N/L)	0.073
S6	12/05/2007 10:45	0	pH	7.4
S6	12/05/2007 10:45	0	Sulfate (mg/L)	42
S6	12/05/2007 10:45	0	Temperature (°C)	23.8
S6	12/05/2007 10:45	0	Total Phosphorus (mg/L)	0.036
S6	12/05/2007 10:45	0	Turbidity (NTU)	5.3
G328	12/12/2007 13:15	0	Conductivity (µS/cm)	1347
G328	12/12/2007 13:15	0	Dissolved Oxygen (mg/L)	7.21
G328	12/12/2007 13:15	0	pH	8
G328	12/12/2007 13:15	0	Temperature (°C)	24.1
G328	12/12/2007 13:15	0	Total Phosphorus (mg/L)	0.022
G335	12/12/2007 9:15	0	Conductivity (µS/cm)	1276
G335	12/12/2007 9:15	0	Dissolved Oxygen (mg/L)	3.92
G335	12/12/2007 9:15	0	pH	7.6
G335	12/12/2007 9:15	0	Temperature (°C)	23
G335	12/12/2007 9:15	0	Total Phosphorus (mg/L)	0.011
S6	12/12/2007 13:35	0	Conductivity (µS/cm)	1021
S6	12/12/2007 13:35	0	Dissolved Oxygen (mg/L)	0.54
S6	12/12/2007 13:35	0	pH	7.4
S6	12/12/2007 13:35	0	Temperature (°C)	23.7
S6	12/12/2007 13:35	0	Total Phosphorus (mg/L)	0.03
G328	12/19/2007 11:15	0	Alkalinity (mg CaCO ₃ /L)	373
G328	12/19/2007 11:15	0	Conductivity (µS/cm)	1311
G328	12/19/2007 11:15	0	Dissolved Oxygen (mg/L)	8.89
G328	12/19/2007 11:15	0	Nitrate + Nitrite (mg N/L)	0.486
G328	12/19/2007 11:15	0	pH	7.9
G328	12/19/2007 11:15	0	Sulfate (mg/L)	47.2
G328	12/19/2007 11:15	0	Temperature (°C)	20.8
G328	12/19/2007 11:15	0	Total Phosphorus (mg/L)	0.022
G335	12/19/2007 9:15	0	Alkalinity (mg CaCO ₃ /L)	342
G335	12/19/2007 9:15	0	Conductivity (µS/cm)	1279

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G335	12/19/2007	9:15	0	Dissolved Oxygen (mg/L)	5
G335	12/19/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.163
G335	12/19/2007	9:15	0	pH	7.5
G335	12/19/2007	9:15	0	Sulfate (mg/L)	34.8
G335	12/19/2007	9:15	0	Temperature (°C)	20.8
G335	12/19/2007	9:20	24	Total Phosphorus (mg/L)	0.012
G335	12/19/2007	9:15	0	Total Phosphorus (mg/L)	0.01
S6	12/19/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	326
S6	12/19/2007	11:25	0	Conductivity (µS/cm)	1159
S6	12/19/2007	11:25	0	Dissolved Oxygen (mg/L)	0.97
S6	12/19/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.086
S6	12/19/2007	11:25	0	pH	7.3
S6	12/19/2007	11:25	0	Sulfate (mg/L)	41.6
S6	12/19/2007	11:25	0	Temperature (°C)	21.5
S6	12/19/2007	11:25	0	Total Phosphorus (mg/L)	0.026
S6	12/19/2007	11:25	0	Turbidity (NTU)	20.4
G328	12/27/2007	14:00	0	Conductivity (µS/cm)	1353
G328	12/27/2007	14:00	0	Dissolved Oxygen (mg/L)	8.72
G328	12/27/2007	14:00	0	pH	7.9
G328	12/27/2007	14:00	0	Temperature (°C)	22.6
G328	12/27/2007	14:00	0	Total Phosphorus (mg/L)	0.016
G335	12/27/2007	9:15	0	Conductivity (µS/cm)	1271
G335	12/27/2007	9:15	0	Dissolved Oxygen (mg/L)	4.33
G335	12/27/2007	9:15	0	pH	7.6
G335	12/27/2007	9:15	0	Temperature (°C)	22
G335	12/27/2007	9:15	0	Total Phosphorus (mg/L)	0.011
S6	12/27/2007	14:20	0	Conductivity (µS/cm)	1085
S6	12/27/2007	14:20	0	Dissolved Oxygen (mg/L)	0.45
S6	12/27/2007	14:25	24	Nitrate + Nitrite (mg N/L)	0.017
S6	12/27/2007	14:20	0	pH	7.2
S6	12/27/2007	14:20	0	Temperature (°C)	23.3
S6	12/27/2007	14:20	0	Total Phosphorus (mg/L)	0.041
G328	01/02/2008	11:55	0	Alkalinity (mg CaCO ₃ /L)	386
G328	01/02/2008	11:55	0	Conductivity (µS/cm)	1359
G328	01/02/2008	11:55	0	Dissolved Oxygen (mg/L)	9.01
G328	01/02/2008	11:55	0	pH	7.9
G328	01/02/2008	11:55	0	Temperature (°C)	21.2
G335	01/02/2008	8:55	0	Alkalinity (mg CaCO ₃ /L)	348
G335	01/02/2008	8:55	0	Conductivity (µS/cm)	1286
G335	01/02/2008	8:55	0	Dissolved Oxygen (mg/L)	5.11
G335	01/02/2008	8:55	0	pH	7.8
G335	01/02/2008	8:55	0	Temperature (°C)	22.1
S6	01/02/2008	11:05	0	Alkalinity (mg CaCO ₃ /L)	320
S6	01/02/2008	11:05	0	Conductivity (µS/cm)	1104
S6	01/02/2008	11:05	0	Dissolved Oxygen (mg/L)	1.25
S6	01/02/2008	11:05	0	pH	7.3
S6	01/02/2008	11:05	0	Temperature (°C)	21.9
S6	01/02/2008	11:05	0	Turbidity (NTU)	9.4

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	01/09/2008	13:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	1354
G328	01/09/2008	13:35	0	Dissolved Oxygen (mg/L)	9.5
G328	01/09/2008	13:35	0	pH	8
G328	01/09/2008	13:35	0	Temperature ($^{\circ}\text{C}$)	19.2
G328	01/09/2008	13:35	0	Total Phosphorus (mg/L)	0.015
G335	01/09/2008	9:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	1266
G335	01/09/2008	9:35	0	Dissolved Oxygen (mg/L)	6.03
G335	01/09/2008	9:35	0	pH	7.4
G335	01/09/2008	9:35	0	Temperature ($^{\circ}\text{C}$)	18.6
G335	01/09/2008	9:35	0	Total Phosphorus (mg/L)	0.01
S6	01/09/2008	14:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1039
S6	01/09/2008	14:00	0	Dissolved Oxygen (mg/L)	1.68
S6	01/09/2008	14:00	0	pH	7.3
S6	01/09/2008	14:00	0	Temperature ($^{\circ}\text{C}$)	21
S6	01/09/2008	14:00	0	Total Phosphorus (mg/L)	0.029
G328	01/16/2008	12:15	0	Alkalinity (mg CaCO_3/L)	383
G328	01/16/2008	12:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	1399
G328	01/16/2008	12:15	0	Dissolved Oxygen (mg/L)	5.85
G328	01/16/2008	12:15	0	Nitrate + Nitrite (mg N/L)	0.318
G328	01/16/2008	12:15	0	pH	7.6
G328	01/16/2008	12:15	0	Sulfate (mg/L)	48.4
G328	01/16/2008	12:15	0	Temperature ($^{\circ}\text{C}$)	20.2
G328	01/16/2008	12:15	0	Total Phosphorus (mg/L)	0.013
G335	01/16/2008	11:15	0	Alkalinity (mg CaCO_3/L)	344
G335	01/16/2008	11:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	1250
G335	01/16/2008	11:15	0	Dissolved Oxygen (mg/L)	4.73
G335	01/16/2008	11:15	0	Nitrate + Nitrite (mg N/L)	0.188
G335	01/16/2008	11:15	0	pH	7.4
G335	01/16/2008	11:15	0	Sulfate (mg/L)	34.6
G335	01/16/2008	11:15	0	Temperature ($^{\circ}\text{C}$)	19.9
G335	01/16/2008	11:15	0	Total Phosphorus (mg/L)	0.009
S6	01/16/2008	9:40	0	Alkalinity (mg CaCO_3/L)	298
S6	01/16/2008	9:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	1003
S6	01/16/2008	9:40	0	Dissolved Oxygen (mg/L)	0.31
S6	01/16/2008	9:40	0	pH	7.1
S6	01/16/2008	9:40	0	Sulfate (mg/L)	40.1
S6	01/16/2008	9:40	0	Temperature ($^{\circ}\text{C}$)	20.7
S6	01/16/2008	9:40	0	Total Phosphorus (mg/L)	0.022
S6	01/16/2008	9:40	0	Turbidity (NTU)	10
G328	01/23/2008	13:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	1733
G328	01/23/2008	13:10	0	Dissolved Oxygen (mg/L)	4.97
G328	01/23/2008	13:10	0	pH	7.7
G328	01/23/2008	13:10	0	Temperature ($^{\circ}\text{C}$)	24.7
G328	01/23/2008	13:10	0	Total Phosphorus (mg/L)	0.015
G335	01/23/2008	9:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	1269
G335	01/23/2008	9:10	0	Dissolved Oxygen (mg/L)	5.24
G335	01/23/2008	9:10	0	pH	7.3
G335	01/23/2008	9:10	0	Temperature ($^{\circ}\text{C}$)	20.9

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G335	01/23/2008	9:10	0	Total Phosphorus (mg/L)	0.01
S6	01/23/2008	13:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	1122
S6	01/23/2008	13:30	0	Dissolved Oxygen (mg/L)	2.35
S6	01/23/2008	13:35	24	Nitrate + Nitrite (mg N/L)	0.106
S6	01/23/2008	13:30	0	pH	7.4
S6	01/23/2008	13:30	0	Temperature ($^{\circ}\text{C}$)	21.8
S6	01/23/2008	13:30	0	Total Phosphorus (mg/L)	0.016
G328	01/30/2008	12:45	0	Alkalinity (mg CaCO_3/L)	354
G328	01/30/2008	12:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	1611
G328	01/30/2008	12:45	0	Dissolved Oxygen (mg/L)	8.86
G328	01/30/2008	12:45	0	Nitrate + Nitrite (mg N/L)	0.345
G328	01/30/2008	12:45	0	pH	7.8
G328	01/30/2008	12:45	0	Sulfate (mg/L)	45.3
G328	01/30/2008	12:45	0	Temperature ($^{\circ}\text{C}$)	20.4
G328	01/30/2008	12:45	0	Total Phosphorus (mg/L)	0.017
G335	01/30/2008	9:00	0	Alkalinity (mg CaCO_3/L)	346
G335	01/30/2008	9:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1255
G335	01/30/2008	9:00	0	Dissolved Oxygen (mg/L)	5.54
G335	01/30/2008	9:00	0	Nitrate + Nitrite (mg N/L)	0.195
G335	01/30/2008	9:00	0	pH	7.8
G335	01/30/2008	9:00	0	Sulfate (mg/L)	34.8
G335	01/30/2008	9:00	0	Temperature ($^{\circ}\text{C}$)	19.6
G335	01/30/2008	9:00	0	Total Phosphorus (mg/L)	0.01
S6	01/30/2008	11:15	0	Alkalinity (mg CaCO_3/L)	310
S6	01/30/2008	11:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	1076
S6	01/30/2008	11:15	0	Dissolved Oxygen (mg/L)	1.75
S6	01/30/2008	11:15	0	Nitrate + Nitrite (mg N/L)	0.174
S6	01/30/2008	11:20	24	Nitrate + Nitrite (mg N/L)	0.198
S6	01/30/2008	11:15	0	pH	7.7
S6	01/30/2008	11:15	0	Sulfate (mg/L)	40.6
S6	01/30/2008	11:15	0	Temperature ($^{\circ}\text{C}$)	21.3
S6	01/30/2008	11:20	24	Total Phosphorus (mg/L)	0.022
S6	01/30/2008	11:15	0	Total Phosphorus (mg/L)	0.02
S6	01/30/2008	11:15	0	Turbidity (NTU)	5.5
G328	02/06/2008	12:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	1367
G328	02/06/2008	12:20	0	Dissolved Oxygen (mg/L)	5.42
G328	02/06/2008	12:20	0	pH	7.7
G328	02/06/2008	12:20	0	Temperature ($^{\circ}\text{C}$)	22.9
G328	02/06/2008	12:20	0	Total Phosphorus (mg/L)	0.015
G335	02/06/2008	9:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	1275
G335	02/06/2008	9:25	0	Dissolved Oxygen (mg/L)	6.07
G335	02/06/2008	9:25	0	pH	7.8
G335	02/06/2008	9:25	0	Temperature ($^{\circ}\text{C}$)	21.9
G335	02/06/2008	9:25	0	Total Phosphorus (mg/L)	0.009
S6	02/06/2008	12:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	1045
S6	02/06/2008	12:30	0	Dissolved Oxygen (mg/L)	1.62
S6	02/06/2008	12:30	0	pH	7.5
S6	02/06/2008	12:30	0	Temperature ($^{\circ}\text{C}$)	23.1

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
S6	02/06/2008	12:30	0	Total Phosphorus (mg/L)	0.026
G328	02/13/2008	12:00	0	Alkalinity (mg CaCO ₃ /L)	361
G328	02/13/2008	12:00	0	Conductivity (µS/cm)	1448
G328	02/13/2008	12:00	0	Dissolved Oxygen (mg/L)	6.45
G328	02/13/2008	12:00	0	Nitrate + Nitrite (mg N/L)	1.695
G328	02/13/2008	12:00	0	pH	7.9
G328	02/13/2008	12:00	0	Sulfate (mg/L)	44.2
G328	02/13/2008	12:00	0	Temperature (°C)	21.1
G335	02/13/2008	9:40	0	Alkalinity (mg CaCO ₃ /L)	333
G335	02/13/2008	9:40	0	Conductivity (µS/cm)	1237
G335	02/13/2008	9:40	0	Dissolved Oxygen (mg/L)	5.95
G335	02/13/2008	9:40	0	Nitrate + Nitrite (mg N/L)	0.23
G335	02/13/2008	9:40	0	pH	7.7
G335	02/13/2008	9:40	0	Sulfate (mg/L)	33.5
G335	02/13/2008	9:40	0	Temperature (°C)	21.4
G335	02/13/2008	9:40	0	Total Phosphorus (mg/L)	0.01
S6	02/13/2008	11:30	0	Alkalinity (mg CaCO ₃ /L)	278
S6	02/13/2008	11:30	0	Conductivity (µS/cm)	963
S6	02/13/2008	11:30	0	Dissolved Oxygen (mg/L)	5.69
S6	02/13/2008	11:30	0	Nitrate + Nitrite (mg N/L)	0.882
S6	02/13/2008	11:30	0	pH	7.7
S6	02/13/2008	11:30	0	Sulfate (mg/L)	34.2
S6	02/13/2008	11:30	0	Temperature (°C)	21.5
S6	02/13/2008	11:30	0	Total Phosphorus (mg/L)	0.09
S6	02/13/2008	11:30	0	Turbidity (NTU)	34.4
G328	02/20/2008	14:15	0	Conductivity (µS/cm)	1749
G328	02/20/2008	14:15	0	Dissolved Oxygen (mg/L)	1.34
G328	02/20/2008	14:15	0	pH	7.1
G328	02/20/2008	14:15	0	Temperature (°C)	23.5
G328	02/20/2008	14:15	0	Total Phosphorus (mg/L)	0.025
G335	02/20/2008	9:30	0	Conductivity (µS/cm)	1145
G335	02/20/2008	9:30	0	Dissolved Oxygen (mg/L)	5.42
G335	02/20/2008	9:30	0	pH	7.7
G335	02/20/2008	9:30	0	Temperature (°C)	23.1
G335	02/20/2008	9:35	24	Total Phosphorus (mg/L)	0.031
G335	02/20/2008	9:30	0	Total Phosphorus (mg/L)	0.026
S6	02/20/2008	15:00	0	Conductivity (µS/cm)	1362
S6	02/20/2008	15:00	0	Dissolved Oxygen (mg/L)	3.96
S6	02/20/2008	15:05	24	Nitrate + Nitrite (mg N/L)	3.251
S6	02/20/2008	15:00	0	pH	7.3
S6	02/20/2008	15:00	0	Temperature (°C)	23.8
S6	02/20/2008	15:05	24	Total Phosphorus (mg/L)	0.131
S6	02/20/2008	15:00	0	Total Phosphorus (mg/L)	0.117
G328	02/27/2008	12:40	0	Alkalinity (mg CaCO ₃ /L)	450
G328	02/27/2008	12:40	0	Conductivity (µS/cm)	1916
G328	02/27/2008	12:40	0	Dissolved Oxygen (mg/L)	3.57
G328	02/27/2008	12:40	0	Nitrate + Nitrite (mg N/L)	0.125
G328	02/27/2008	12:40	0	pH	7.5

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	02/27/2008	12:40	0	Sulfate (mg/L)	40.7
G328	02/27/2008	12:40	0	Temperature (°C)	23.2
G328	02/27/2008	12:40	0	Total Phosphorus (mg/L)	0.034
G335	02/27/2008	9:45	0	Alkalinity (mg CaCO ₃ /L)	337
G335	02/27/2008	9:45	0	Conductivity (µS/cm)	1220
G335	02/27/2008	9:45	0	Dissolved Oxygen (mg/L)	3.91
G335	02/27/2008	9:45	0	Nitrate + Nitrite (mg N/L)	0.37
G335	02/27/2008	9:45	0	pH	7.6
G335	02/27/2008	9:45	0	Sulfate (mg/L)	54.3
G335	02/27/2008	9:45	0	Temperature (°C)	24.7
G335	02/27/2008	9:45	0	Total Phosphorus (mg/L)	0.024
G335	02/27/2008	9:50	24	Total Phosphorus (mg/L)	0.028
S6	02/27/2008	12:20	0	Alkalinity (mg CaCO ₃ /L)	319
S6	02/27/2008	12:20	0	Conductivity (µS/cm)	1235
S6	02/27/2008	12:20	0	Dissolved Oxygen (mg/L)	4.46
S6	02/27/2008	12:25	24	Nitrate + Nitrite (mg N/L)	0.634
S6	02/27/2008	12:20	0	Nitrate + Nitrite (mg N/L)	0.954
S6	02/27/2008	12:20	0	pH	7.4
S6	02/27/2008	12:20	0	Sulfate (mg/L)	57.8
S6	02/27/2008	12:20	0	Temperature (°C)	24.3
S6	02/27/2008	12:25	24	Total Phosphorus (mg/L)	0.093
S6	02/27/2008	12:20	0	Total Phosphorus (mg/L)	0.081
S6	02/27/2008	12:20	0	Turbidity (NTU)	14.4
G328	03/05/2008	13:50	0	Conductivity (µS/cm)	1673
G328	03/05/2008	13:50	0	Dissolved Oxygen (mg/L)	2.27
G328	03/05/2008	13:50	0	pH	7.6
G328	03/05/2008	13:50	0	Temperature (°C)	25.9
G328	03/05/2008	13:50	0	Total Phosphorus (mg/L)	0.045
G335	03/05/2008	10:40	0	Conductivity (µS/cm)	1201
G335	03/05/2008	10:40	0	Dissolved Oxygen (mg/L)	6.24
G335	03/05/2008	10:40	0	pH	7.8
G335	03/05/2008	10:40	0	Temperature (°C)	21.7
G335	03/05/2008	10:45	24	Total Phosphorus (mg/L)	0.028
G335	03/05/2008	10:40	0	Total Phosphorus (mg/L)	0.021
S6	03/05/2008	14:10	0	Conductivity (µS/cm)	1137
S6	03/05/2008	14:10	0	Dissolved Oxygen (mg/L)	4.88
S6	03/05/2008	14:15	24	Nitrate + Nitrite (mg N/L)	0.447
S6	03/05/2008	14:10	0	pH	7.8
S6	03/05/2008	14:10	0	Temperature (°C)	23.2
S6	03/05/2008	14:15	24	Total Phosphorus (mg/L)	0.086
S6	03/05/2008	14:10	0	Total Phosphorus (mg/L)	0.043
G328	03/12/2008	11:50	0	Alkalinity (mg CaCO ₃ /L)	470
G328	03/12/2008	11:50	0	Conductivity (µS/cm)	1736
G328	03/12/2008	11:50	0	Dissolved Oxygen (mg/L)	1.66
G328	03/12/2008	11:50	0	Nitrate + Nitrite (mg N/L)	0.221
G328	03/12/2008	11:50	0	pH	7.4
G328	03/12/2008	11:50	0	Sulfate (mg/L)	39.4
G328	03/12/2008	11:50	0	Temperature (°C)	23.5

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G328	03/12/2008	11:50	0	Total Phosphorus (mg/L)	0.035
G335	03/12/2008	9:30	0	Alkalinity (mg CaCO ₃ /L)	282
G335	03/12/2008	9:30	0	Conductivity (µS/cm)	1118
G335	03/12/2008	9:30	0	Dissolved Oxygen (mg/L)	4.56
G335	03/12/2008	9:30	0	Nitrate + Nitrite (mg N/L)	0.177
G335	03/12/2008	9:30	0	pH	7.6
G335	03/12/2008	9:30	0	Sulfate (mg/L)	47.5
G335	03/12/2008	9:30	0	Temperature (°C)	20.8
G335	03/12/2008	9:30	0	Total Phosphorus (mg/L)	0.017
G335	03/12/2008	9:35	24	Total Phosphorus (mg/L)	0.026
S6	03/12/2008	12:30	0	Alkalinity (mg CaCO ₃ /L)	337
S6	03/12/2008	12:30	0	Conductivity (µS/cm)	1204
S6	03/12/2008	12:30	0	Dissolved Oxygen (mg/L)	4.47
S6	03/12/2008	12:35	24	Nitrate + Nitrite (mg N/L)	1.913
S6	03/12/2008	12:30	0	Nitrate + Nitrite (mg N/L)	0.785
S6	03/12/2008	12:30	0	pH	7.5
S6	03/12/2008	12:30	0	Sulfate (mg/L)	63.1
S6	03/12/2008	12:30	0	Temperature (°C)	22.4
S6	03/12/2008	12:30	0	Total Phosphorus (mg/L)	0.132
S6	03/12/2008	12:35	24	Total Phosphorus (mg/L)	0.1
S6	03/12/2008	12:30	0	Turbidity (NTU)	11.8
G328	03/19/2008	12:50	0	Conductivity (µS/cm)	1429
G328	03/19/2008	12:50	0	Dissolved Oxygen (mg/L)	0.4
G328	03/19/2008	12:50	0	pH	7.2
G328	03/19/2008	12:50	0	Temperature (°C)	23.5
G328	03/19/2008	12:50	0	Total Phosphorus (mg/L)	0.014
G328	03/19/2008	12:55	24	Total Phosphorus (mg/L)	0.032
G335	03/19/2008	8:55	0	Conductivity (µS/cm)	1235
G335	03/19/2008	8:55	0	Dissolved Oxygen (mg/L)	5.11
G335	03/19/2008	8:55	0	pH	7.6
G335	03/19/2008	8:55	0	Temperature (°C)	23
G335	03/19/2008	9:00	24	Total Phosphorus (mg/L)	0.017
G335	03/19/2008	8:55	0	Total Phosphorus (mg/L)	0.019
S6	03/19/2008	13:20	0	Conductivity (µS/cm)	1284
S6	03/19/2008	13:20	0	Dissolved Oxygen (mg/L)	1.9
S6	03/19/2008	13:25	24	Nitrate + Nitrite (mg N/L)	0.79
S6	03/19/2008	13:20	0	pH	7.4
S6	03/19/2008	13:20	0	Temperature (°C)	22.9
S6	03/19/2008	13:20	0	Total Phosphorus (mg/L)	0.053
S6	03/19/2008	13:25	24	Total Phosphorus (mg/L)	0.084
G328	03/26/2008	11:05	0	Alkalinity (mg CaCO ₃ /L)	199
G328	03/26/2008	11:05	0	Conductivity (µS/cm)	785.4
G328	03/26/2008	11:05	0	Dissolved Oxygen (mg/L)	2.45
G328	03/26/2008	11:05	0	Nitrate + Nitrite (mg N/L)	1.824
G328	03/26/2008	11:05	0	pH	7.2
G328	03/26/2008	11:05	0	Sulfate (mg/L)	24.1
G328	03/26/2008	11:05	0	Temperature (°C)	20
G328	03/26/2008	11:05	0	Total Phosphorus (mg/L)	0.234

Table 3B. Continued.

Station	Date and Time Sampled	Sample Type	Parameter (Units)	Value	
G328	03/26/2008	11:10	24	Total Phosphorus (mg/L)	0.245
G335	03/26/2008	9:25	0	Alkalinity (mg CaCO ₃ /L)	244
G335	03/26/2008	9:25	0	Conductivity (µS/cm)	1041
G335	03/26/2008	9:25	0	Dissolved Oxygen (mg/L)	7.47
G335	03/26/2008	9:25	0	Nitrate + Nitrite (mg N/L)	0.023
G335	03/26/2008	9:25	0	pH	7.2
G335	03/26/2008	9:25	0	Sulfate (mg/L)	51.6
G335	03/26/2008	9:25	0	Temperature (°C)	19.7
G335	03/26/2008	9:25	0	Total Phosphorus (mg/L)	0.014
G335	03/26/2008	9:30	24	Total Phosphorus (mg/L)	0.024
S6	03/26/2008	12:45	0	Alkalinity (mg CaCO ₃ /L)	306
S6	03/26/2008	12:45	0	Conductivity (µS/cm)	1153
S6	03/26/2008	12:45	0	Dissolved Oxygen (mg/L)	4.65
S6	03/26/2008	12:50	24	Nitrate + Nitrite (mg N/L)	0.67
S6	03/26/2008	12:45	0	Nitrate + Nitrite (mg N/L)	1.709
S6	03/26/2008	12:45	0	pH	7.2
S6	03/26/2008	12:45	0	Sulfate (mg/L)	39.9
S6	03/26/2008	12:45	0	Temperature (°C)	21.6
S6	03/26/2008	12:45	0	Total Phosphorus (mg/L)	0.118
S6	03/26/2008	12:50	24	Total Phosphorus (mg/L)	0.078
S6	03/26/2008	12:45	0	Turbidity (NTU)	2.6
G328	04/02/2008	13:55	0	Conductivity (µS/cm)	1485
G328	04/02/2008	13:55	0	Dissolved Oxygen (mg/L)	1.86
G328	04/02/2008	13:55	0	pH	7.4
G328	04/02/2008	13:55	0	Temperature (°C)	24.9
G328	04/02/2008	14:00	24	Total Phosphorus (mg/L)	0.086
G328	04/02/2008	13:55	0	Total Phosphorus (mg/L)	0.025
G335	04/02/2008	9:45	0	Conductivity (µS/cm)	1089
G335	04/02/2008	9:45	0	Dissolved Oxygen (mg/L)	5.1
G335	04/02/2008	9:45	0	pH	7.7
G335	04/02/2008	9:45	0	Temperature (°C)	24.5
G335	04/02/2008	9:45	0	Total Phosphorus (mg/L)	0.015
G335	04/02/2008	9:50	24	Total Phosphorus (mg/L)	0.014
S6	04/02/2008	14:35	0	Conductivity (µS/cm)	1098
S6	04/02/2008	14:35	0	Dissolved Oxygen (mg/L)	2.41
S6	04/02/2008	14:40	24	Nitrate + Nitrite (mg N/L)	1.169
S6	04/02/2008	14:35	0	pH	7.6
S6	04/02/2008	14:35	0	Temperature (°C)	23.7
S6	04/02/2008	14:35	0	Total Phosphorus (mg/L)	0.044
S6	04/02/2008	14:40	24	Total Phosphorus (mg/L)	0.086
G328	04/09/2008	12:00	0	Alkalinity (mg CaCO ₃ /L)	184
G328	04/09/2008	12:00	0	Conductivity (µS/cm)	625.4
G328	04/09/2008	12:00	0	Dissolved Oxygen (mg/L)	1.34
G328	04/09/2008	12:00	0	Nitrate + Nitrite (mg N/L)	0.939
G328	04/09/2008	12:00	0	pH	7.8
G328	04/09/2008	12:00	0	Sulfate (mg/L)	15.7
G328	04/09/2008	12:00	0	Temperature (°C)	24.7
G328	04/09/2008	12:05	24	Total Phosphorus (mg/L)	0.158

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G328	04/09/2008	12:00	0	Total Phosphorus (mg/L)	0.13
G335	04/09/2008	10:35	0	Alkalinity (mg CaCO ₃ /L)	196
G335	04/09/2008	10:35	0	Conductivity (µS/cm)	754
G335	04/09/2008	10:35	0	Dissolved Oxygen (mg/L)	2.65
G335	04/09/2008	10:35	0	Nitrate + Nitrite (mg N/L)	0.028
G335	04/09/2008	10:35	0	pH	7.3
G335	04/09/2008	10:35	0	Sulfate (mg/L)	25.4
G335	04/09/2008	10:35	0	Temperature (°C)	23.8
G335	04/09/2008	10:40	24	Total Phosphorus (mg/L)	0.018
G335	04/09/2008	10:35	0	Total Phosphorus (mg/L)	0.017
S6	04/09/2008	9:15	0	Alkalinity (mg CaCO ₃ /L)	359
S6	04/09/2008	9:15	0	Conductivity (µS/cm)	1436
S6	04/09/2008	9:15	0	Dissolved Oxygen (mg/L)	2.22
S6	04/09/2008	9:20	24	Nitrate + Nitrite (mg N/L)	1.107
S6	04/09/2008	9:15	0	Nitrate + Nitrite (mg N/L)	1.684
S6	04/09/2008	9:15	0	pH	7.3
S6	04/09/2008	9:15	0	Sulfate (mg/L)	108
S6	04/09/2008	9:15	0	Temperature (°C)	25
S6	04/09/2008	9:15	0	Total Phosphorus (mg/L)	0.143
S6	04/09/2008	9:20	24	Total Phosphorus (mg/L)	0.104
S6	04/09/2008	9:15	0	Turbidity (NTU)	16.9
G328	04/16/2008	13:40	0	Conductivity (µS/cm)	1426
G328	04/16/2008	13:40	0	Dissolved Oxygen (mg/L)	1.9
G328	04/16/2008	13:40	0	pH	7.4
G328	04/16/2008	13:40	0	Temperature (°C)	23.2
G328	04/16/2008	13:45	24	Total Phosphorus (mg/L)	0.09
G328	04/16/2008	13:40	0	Total Phosphorus (mg/L)	0.017
G335	04/16/2008	9:25	0	Conductivity (µS/cm)	1178
G335	04/16/2008	9:25	0	Dissolved Oxygen (mg/L)	3.55
G335	04/16/2008	9:25	0	pH	7.5
G335	04/16/2008	9:25	0	Temperature (°C)	20.8
G335	04/16/2008	9:30	24	Total Phosphorus (mg/L)	0.018
G335	04/16/2008	9:25	0	Total Phosphorus (mg/L)	0.016
S6	04/16/2008	14:15	0	Conductivity (µS/cm)	1311
S6	04/16/2008	14:15	0	Dissolved Oxygen (mg/L)	6.25
S6	04/16/2008	14:20	24	Nitrate + Nitrite (mg N/L)	0.856
S6	04/16/2008	14:15	0	pH	7.6
S6	04/16/2008	14:15	0	Temperature (°C)	24.9
S6	04/16/2008	14:15	0	Total Phosphorus (mg/L)	0.079
S6	04/16/2008	14:20	24	Total Phosphorus (mg/L)	0.085
G328	04/23/2008	13:05	0	Alkalinity (mg CaCO ₃ /L)	390
G328	04/23/2008	13:05	0	Conductivity (µS/cm)	1459
G328	04/23/2008	13:05	0	Nitrate + Nitrite (mg N/L)	0.039
G328	04/23/2008	13:05	0	pH	7.4
G328	04/23/2008	13:05	0	Sulfate (mg/L)	51.1
G328	04/23/2008	13:05	0	Temperature (°C)	26.7
G328	04/23/2008	13:05	0	Total Phosphorus (mg/L)	0.03
G335	04/23/2008	10:00	0	Alkalinity (mg CaCO ₃ /L)	316

Table 3B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G335	04/23/2008	10:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1181
G335	04/23/2008	10:00	0	Dissolved Oxygen (mg/L)	6.11
G335	04/23/2008	10:00	0	Nitrate + Nitrite (mg N/L)	0.084
G335	04/23/2008	10:00	0	pH	7.8
G335	04/23/2008	10:00	0	Sulfate (mg/L)	55.1
G335	04/23/2008	10:00	0	Temperature ($^{\circ}\text{C}$)	24.4
G335	04/23/2008	10:05	24	Total Phosphorus (mg/L)	0.016
G335	04/23/2008	10:00	0	Total Phosphorus (mg/L)	0.02
S6	04/23/2008	12:30	0	Alkalinity (mg CaCO_3/L)	336
S6	04/23/2008	12:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	1223
S6	04/23/2008	12:30	0	Dissolved Oxygen (mg/L)	8.28
S6	04/23/2008	12:35	24	Nitrate + Nitrite (mg N/L)	0.407
S6	04/23/2008	12:30	0	Nitrate + Nitrite (mg N/L)	0.307
S6	04/23/2008	12:30	0	pH	7.8
S6	04/23/2008	12:30	0	Sulfate (mg/L)	61.8
S6	04/23/2008	12:30	0	Temperature ($^{\circ}\text{C}$)	26.5
S6	04/23/2008	12:35	24	Total Phosphorus (mg/L)	0.082
S6	04/23/2008	12:30	0	Total Phosphorus (mg/L)	0.14
S6	04/23/2008	12:30	0	Turbidity (NTU)	7.9
G328	04/30/2008	12:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	1423
G328	04/30/2008	12:25	0	Dissolved Oxygen (mg/L)	0.59
G328	04/30/2008	12:25	0	pH	7.5
G328	04/30/2008	12:25	0	Temperature ($^{\circ}\text{C}$)	25.2
G328	04/30/2008	12:25	0	Total Phosphorus (mg/L)	0.015
G335	04/30/2008	8:55	0	Conductivity ($\mu\text{S}/\text{cm}$)	1223
G335	04/30/2008	8:55	0	Dissolved Oxygen (mg/L)	5.39
G335	04/30/2008	8:55	0	pH	7.8
G335	04/30/2008	8:55	0	Temperature ($^{\circ}\text{C}$)	25.2
G335	04/30/2008	8:55	0	Total Phosphorus (mg/L)	0.017
S6	04/30/2008	12:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	1261
S6	04/30/2008	12:45	0	Dissolved Oxygen (mg/L)	5.93
S6	04/30/2008	12:45	0	pH	8
S6	04/30/2008	12:45	0	Temperature ($^{\circ}\text{C}$)	26
S6	04/30/2008	12:45	0	Total Phosphorus (mg/L)	0.037

Table 4A. Summary of annual arithmetic averages and flow-weighted mean concentrations for all parameters other than TP monitored in STA-3/4.

Parameter	Arithmetic Means								Flow-Weighted Means			
	Inflow		Outflow						Total Inflow		Total Outflow	
	G370	G372	G376B	G376E	G379B	G379D	G381B	G381E	n	Conc.	n	Conc.
Temperature (°C)	25.4	25.9	24.9	25.2	25.2	25.0	25.7	26.0	-NA-	-NA-	-NA-	-NA-
Dissolved Oxygen (mg/L)	5.5	6.1	3.4	3.6	4.4	4.8	5.5	5.2	-NA-	-NA-	-NA-	-NA-
Conductivity (µS/cm)	1,021	897	940	938	748	745	847	832	-NA-	-NA-	-NA-	-NA-
pH	7.7	7.8	7.6	7.7	7.9	7.9	7.9	7.7	-NA-	-NA-	-NA-	-NA-
Turbidity (NTU)	2.7	3.3	1.3	2.6	2.1	1.6	2.2	2.5	-NA-	-NA-	-NA-	-NA-
Unionized Ammonia (mg/L)	0.003	0.003	0.003	0.005	0.004	0.007	0.004	0.003	8 (49)	0.003	41 (154)	0.001
Total Dissolved Phosphorus (mg/L)	0.030	0.016	0.010	0.013	0.012	0.011	0.013	0.012	29 (99)	0.028	91 (285)	0.010
Sulfate (mg/L)	54.0	51.1	44.2	42.3	33.5	34.0	46.6	45.1	8 (52)	60.0	42 (156)	47.2
Alkalinity (mg CaCO ₃ /L)	295	251	250	258	151	149	179	189	8 (52)	307	42 (156)	229
Dissolved Chloride (mg/L)	126	107	126	127	121	123	131	122	8 (52)	108	42 (156)	105
Total Nitrogen (mg/L)	2.51	3.03	2.27	2.55	2.31	2.29	2.59	2.50	8 (52)	3.67	38 (139)	2.40
Total Dissolved Nitrogen (mg/L)	2.37	2.86	2.22	2.44	2.19	2.19	2.45	2.38	8 (52)	3.45	38 (139)	2.34
Nitrate + Nitrite (mg N/L)	0.449	0.979	0.074	0.107	0.033	0.021	0.128	0.177	8 (52)	1.281	38 (139)	0.481

-NA- : Not Applicable

n: number of samples with flow (total number of samples)

Table 4B. Water quality monitoring data for STA-3/4.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	05/07/2007	9:00	0	Conductivity (µS/cm)	640
G370	05/07/2007	9:00	0	Dissolved Oxygen (mg/L)	6.42
G370	05/07/2007	9:00	0	pH	8.2
G370	05/07/2007	9:00	0	Temperature (°C)	27.1
G370	05/07/2007	9:00	0	Total Dissolved Phosphorus (mg/L)	0.022
G370	05/07/2007	9:00	0	Total Phosphorus (mg/L)	0.037
G370	05/14/2007	9:05	0	Alkalinity (mg CaCO ₃ /L)	145
G370	05/14/2007	9:05	0	Ammonia (mg N/L)	0.017
G370	05/14/2007	9:05	0	Conductivity (µS/cm)	580
G370	05/14/2007	9:05	0	Dissolved Chloride (mg/L)	66.5
G370	05/14/2007	9:05	0	Dissolved Oxygen (mg/L)	7.68
G370	05/14/2007	9:05	0	Nitrate + Nitrite (mg N/L)	0.007
G370	05/14/2007	9:05	0	pH	8.3
G370	05/14/2007	9:05	0	Sulfate (mg/L)	41
G370	05/14/2007	9:05	0	Temperature (°C)	26.2
G370	05/14/2007	9:05	0	Total Dissolved Phosphorus (mg/L)	0.029
G370	05/14/2007	9:05	0	Total Phosphorus (mg/L)	0.04
G370	05/14/2007	9:05	0	Turbidity (NTU)	1.3
G370	05/21/2007	9:10	0	Conductivity (µS/cm)	519
G370	05/21/2007	9:10	0	Dissolved Oxygen (mg/L)	7.52
G370	05/21/2007	9:10	0	pH	8.4
G370	05/21/2007	9:10	0	Temperature (°C)	26.8
G370	05/21/2007	9:10	0	Total Dissolved Phosphorus (mg/L)	0.041
G370	05/21/2007	9:10	0	Total Phosphorus (mg/L)	0.053
G370	05/21/2007	9:15	24	Total Phosphorus (mg/L)	0.058
G370	05/29/2007	9:00	0	Alkalinity (mg CaCO ₃ /L)	136
G370	05/29/2007	9:00	0	Ammonia (mg N/L)	0.032
G370	05/29/2007	9:00	0	Conductivity (µS/cm)	573
G370	05/29/2007	9:00	0	Dissolved Chloride (mg/L)	66.4
G370	05/29/2007	9:00	0	Dissolved Oxygen (mg/L)	7.49
G370	05/29/2007	9:00	0	Nitrate + Nitrite (mg N/L)	0.025
G370	05/29/2007	9:00	0	pH	8.3
G370	05/29/2007	9:00	0	Sulfate (mg/L)	42.5
G370	05/29/2007	9:00	0	Temperature (°C)	26.6
G370	05/29/2007	9:00	0	Total Dissolved Phosphorus (mg/L)	0.03
G370	05/29/2007	9:00	0	Total Phosphorus (mg/L)	0.04
G370	05/29/2007	9:00	0	Turbidity (NTU)	1.2
G370	06/04/2007	9:05	0	Conductivity (µS/cm)	617
G370	06/04/2007	9:05	0	Dissolved Oxygen (mg/L)	7.32
G370	06/04/2007	9:05	0	pH	8
G370	06/04/2007	9:05	0	Temperature (°C)	26.1
G370	06/04/2007	9:05	0	Total Dissolved Phosphorus (mg/L)	0.027
G370	06/04/2007	9:05	0	Total Phosphorus (mg/L)	0.037
G370	06/11/2007	9:15	0	Alkalinity (mg CaCO ₃ /L)	313

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	06/11/2007	9:15	0	Ammonia (mg N/L)	0.02
G370	06/11/2007	9:15	0	Conductivity (μ S/cm)	1201
G370	06/11/2007	9:15	0	Dissolved Chloride (mg/L)	161
G370	06/11/2007	9:15	0	Nitrate + Nitrite (mg N/L)	1.19
G370	06/11/2007	9:15	0	pH	8
G370	06/11/2007	9:15	0	Sulfate (mg/L)	73.9
G370	06/11/2007	9:15	0	Temperature ($^{\circ}$ C)	28.7
G370	06/11/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.008
G370	06/11/2007	9:15	0	Total Phosphorus (mg/L)	0.024
G370	06/11/2007	9:15	0	Turbidity (NTU)	1.4
G370	06/11/2007	9:20	24	Total Phosphorus (mg/L)	0.032
G370	06/18/2007	9:50	0	Conductivity (μ S/cm)	1037
G370	06/18/2007	9:50	0	Dissolved Oxygen (mg/L)	3.89
G370	06/18/2007	9:50	0	pH	7.3
G370	06/18/2007	9:50	0	Temperature ($^{\circ}$ C)	27.8
G370	06/18/2007	9:50	0	Total Dissolved Phosphorus (mg/L)	0.027
G370	06/18/2007	9:50	0	Total Phosphorus (mg/L)	0.046
G370	06/18/2007	9:55	24	Total Phosphorus (mg/L)	0.053
G370	06/25/2007	8:50	0	Alkalinity (mg CaCO ₃ /L)	327
G370	06/25/2007	8:50	0	Ammonia (mg N/L)	0.016
G370	06/25/2007	8:50	0	Conductivity (μ S/cm)	1098
G370	06/25/2007	8:50	0	Dissolved Chloride (mg/L)	126
G370	06/25/2007	8:50	0	Dissolved Oxygen (mg/L)	8.71
G370	06/25/2007	8:50	0	Nitrate + Nitrite (mg N/L)	0.466
G370	06/25/2007	8:50	0	pH	7.8
G370	06/25/2007	8:50	0	Sulfate (mg/L)	68.9
G370	06/25/2007	8:50	0	Temperature ($^{\circ}$ C)	30.1
G370	06/25/2007	8:50	0	Total Dissolved Phosphorus (mg/L)	0.011
G370	06/25/2007	8:50	0	Total Phosphorus (mg/L)	0.038
G370	06/25/2007	8:50	0	Turbidity (NTU)	1.8
G370	06/25/2007	8:55	24	Total Phosphorus (mg/L)	0.075
G370	07/02/2007	9:50	0	Conductivity (μ S/cm)	1083
G370	07/02/2007	9:50	0	Dissolved Oxygen (mg/L)	4.81
G370	07/02/2007	9:50	0	pH	7.9
G370	07/02/2007	9:50	0	Temperature ($^{\circ}$ C)	29.3
G370	07/02/2007	9:50	0	Total Dissolved Phosphorus (mg/L)	0.016
G370	07/02/2007	9:50	0	Total Phosphorus (mg/L)	0.034
G370	07/09/2007	9:55	0	Alkalinity (mg CaCO ₃ /L)	330
G370	07/09/2007	9:55	0	Ammonia (mg N/L)	0.112
G370	07/09/2007	9:55	0	Conductivity (μ S/cm)	1099
G370	07/09/2007	9:55	0	Dissolved Chloride (mg/L)	129
G370	07/09/2007	9:55	0	Dissolved Oxygen (mg/L)	5.3
G370	07/09/2007	9:55	0	Nitrate + Nitrite (mg N/L)	0.484
G370	07/09/2007	9:55	0	pH	7.5
G370	07/09/2007	9:55	0	Sulfate (mg/L)	59.6
G370	07/09/2007	9:55	0	Temperature ($^{\circ}$ C)	29.9
G370	07/09/2007	9:55	0	Total Dissolved Phosphorus (mg/L)	0.03

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	07/09/2007	9:55	0	Total Phosphorus (mg/L)	0.047
G370	07/09/2007	9:55	0	Turbidity (NTU)	1.6
G370	07/09/2007	10:00	24	Total Phosphorus (mg/L)	0.052
G370	07/16/2007	8:50	0	Conductivity (μ S/cm)	1133
G370	07/16/2007	8:50	0	Dissolved Oxygen (mg/L)	4.03
G370	07/16/2007	8:50	0	pH	7.3
G370	07/16/2007	8:50	0	Temperature ($^{\circ}$ C)	28.9
G370	07/16/2007	8:50	0	Total Dissolved Phosphorus (mg/L)	0.022
G370	07/16/2007	8:50	0	Total Phosphorus (mg/L)	0.039
G370	07/16/2007	8:55	24	Total Phosphorus (mg/L)	0.06
G370	07/23/2007	9:45	0	Alkalinity (mg CaCO ₃ /L)	339
G370	07/23/2007	9:45	0	Ammonia (mg N/L)	0.029
G370	07/23/2007	9:45	0	Conductivity (μ S/cm)	1132
G370	07/23/2007	9:45	0	Dissolved Chloride (mg/L)	129
G370	07/23/2007	9:45	0	Dissolved Oxygen (mg/L)	6.27
G370	07/23/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.42
G370	07/23/2007	9:45	0	pH	7.6
G370	07/23/2007	9:45	0	Sulfate (mg/L)	61.5
G370	07/23/2007	9:45	0	Temperature ($^{\circ}$ C)	29.1
G370	07/23/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.009
G370	07/23/2007	9:45	0	Total Phosphorus (mg/L)	0.085
G370	07/23/2007	9:45	0	Turbidity (NTU)	3.4
G370	07/23/2007	9:50	24	Total Phosphorus (mg/L)	0.044
G370	07/30/2007	8:40	0	Conductivity (μ S/cm)	1112
G370	07/30/2007	8:40	0	Dissolved Oxygen (mg/L)	3.59
G370	07/30/2007	8:40	0	pH	7.4
G370	07/30/2007	8:40	0	Temperature ($^{\circ}$ C)	29.5
G370	07/30/2007	8:40	0	Total Dissolved Phosphorus (mg/L)	0.029
G370	07/30/2007	8:40	0	Total Phosphorus (mg/L)	0.058
G370	07/30/2007	8:45	24	Total Phosphorus (mg/L)	0.061
G370	08/06/2007	8:45	0	Alkalinity (mg CaCO ₃ /L)	325
G370	08/06/2007	8:45	0	Ammonia (mg N/L)	0.286
G370	08/06/2007	8:45	0	Conductivity (μ S/cm)	1135
G370	08/06/2007	8:45	0	Dissolved Chloride (mg/L)	122
G370	08/06/2007	8:45	0	Dissolved Oxygen (mg/L)	3.57
G370	08/06/2007	8:45	0	Nitrate + Nitrite (mg N/L)	0.746
G370	08/06/2007	8:45	0	pH	7.3
G370	08/06/2007	8:45	0	Sulfate (mg/L)	88.8
G370	08/06/2007	8:45	0	Temperature ($^{\circ}$ C)	29.7
G370	08/06/2007	8:45	0	Total Dissolved Phosphorus (mg/L)	0.065
G370	08/06/2007	8:45	0	Total Phosphorus (mg/L)	0.098
G370	08/06/2007	8:45	0	Turbidity (NTU)	3.5
G370	08/06/2007	8:50	24	Total Phosphorus (mg/L)	0.098
G370	08/13/2007	9:05	0	Conductivity (μ S/cm)	1166
G370	08/13/2007	9:05	0	Dissolved Oxygen (mg/L)	4.49
G370	08/13/2007	9:05	0	pH	7.4
G370	08/13/2007	9:05	0	Temperature ($^{\circ}$ C)	30
G370	08/13/2007	9:05	0	Total Dissolved Phosphorus (mg/L)	0.023

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	08/13/2007	9:05	0	Total Phosphorus (mg/L)	0.056
G370	08/13/2007	9:10	24	Total Phosphorus (mg/L)	0.098
G370	08/20/2007	9:00	0	Alkalinity (mg CaCO ₃ /L)	343
G370	08/20/2007	9:00	0	Ammonia (mg N/L)	0.085
G370	08/20/2007	9:00	0	Conductivity (μS/cm)	1136
G370	08/20/2007	9:00	0	Dissolved Chloride (mg/L)	132
G370	08/20/2007	9:00	0	Dissolved Oxygen (mg/L)	6.39
G370	08/20/2007	9:00	0	Nitrate + Nitrite (mg N/L)	0.174
G370	08/20/2007	9:00	0	pH	7.8
G370	08/20/2007	9:00	0	Sulfate (mg/L)	69.5
G370	08/20/2007	9:00	0	Temperature (°C)	30.3
G370	08/20/2007	9:00	0	Total Dissolved Phosphorus (mg/L)	0.018
G370	08/20/2007	9:00	0	Total Phosphorus (mg/L)	0.05
G370	08/20/2007	9:00	0	Turbidity (NTU)	3.4
G370	08/27/2007	8:50	0	Conductivity (μS/cm)	1189
G370	08/27/2007	8:50	0	Dissolved Oxygen (mg/L)	3.11
G370	08/27/2007	8:50	0	pH	7.4
G370	08/27/2007	8:50	0	Temperature (°C)	28.7
G370	08/27/2007	8:50	0	Total Dissolved Phosphorus (mg/L)	0.04
G370	08/27/2007	8:50	0	Total Phosphorus (mg/L)	0.073
G370	08/27/2007	8:55	24	Total Phosphorus (mg/L)	0.045
G370	09/04/2007	9:10	0	Alkalinity (mg CaCO ₃ /L)	317
G370	09/04/2007	9:10	0	Ammonia (mg N/L)	0.111
G370	09/04/2007	9:10	0	Conductivity (μS/cm)	1087
G370	09/04/2007	9:10	0	Dissolved Chloride (mg/L)	118
G370	09/04/2007	9:10	0	Dissolved Oxygen (mg/L)	5.7
G370	09/04/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.171
G370	09/04/2007	9:10	0	pH	8
G370	09/04/2007	9:10	0	Sulfate (mg/L)	85.8
G370	09/04/2007	9:10	0	Temperature (°C)	30.1
G370	09/04/2007	9:10	0	Total Dissolved Phosphorus (mg/L)	0.019
G370	09/04/2007	9:10	0	Total Phosphorus (mg/L)	0.049
G370	09/04/2007	9:10	0	Turbidity (NTU)	2.7
G370	09/04/2007	9:15	24	Total Phosphorus (mg/L)	0.105
G370	09/10/2007	9:05	0	Conductivity (μS/cm)	1085
G370	09/10/2007	9:05	0	Dissolved Oxygen (mg/L)	12.3
G370	09/10/2007	9:05	0	pH	7.9
G370	09/10/2007	9:05	0	Temperature (°C)	29.4
G370	09/10/2007	9:05	0	Total Dissolved Phosphorus (mg/L)	0.016
G370	09/10/2007	9:05	0	Total Phosphorus (mg/L)	0.061
G370	09/17/2007	9:05	0	Alkalinity (mg CaCO ₃ /L)	304
G370	09/17/2007	9:05	0	Ammonia (mg N/L)	0.062
G370	09/17/2007	9:05	0	Conductivity (μS/cm)	1054
G370	09/17/2007	9:05	0	Dissolved Chloride (mg/L)	106
G370	09/17/2007	9:05	0	Dissolved Oxygen (mg/L)	1.49
G370	09/17/2007	9:05	0	Nitrate + Nitrite (mg N/L)	0.719
G370	09/17/2007	9:05	0	pH	7.4
G370	09/17/2007	9:05	0	Sulfate (mg/L)	82.7

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	09/17/2007	9:05	0	Temperature (°C)	29.2
G370	09/17/2007	9:05	0	Total Dissolved Phosphorus (mg/L)	0.114
G370	09/17/2007	9:05	0	Total Phosphorus (mg/L)	0.131
G370	09/17/2007	9:05	0	Turbidity (NTU)	2.7
G370	09/17/2007	9:10	24	Total Phosphorus (mg/L)	0.138
G370	09/24/2007	9:30	0	Conductivity (µS/cm)	1015
G370	09/24/2007	9:30	0	Dissolved Oxygen (mg/L)	2.49
G370	09/24/2007	9:30	0	pH	7.2
G370	09/24/2007	9:30	0	Temperature (°C)	27.2
G370	09/24/2007	9:30	0	Total Dissolved Phosphorus (mg/L)	0.042
G370	09/24/2007	9:30	0	Total Phosphorus (mg/L)	0.067
G370	09/24/2007	9:35	24	Total Phosphorus (mg/L)	0.117
G370	10/01/2007	9:10	0	Alkalinity (mg CaCO ₃ /L)	375
G370	10/01/2007	9:10	0	Ammonia (mg N/L)	0.281
G370	10/01/2007	9:10	0	Conductivity (µS/cm)	1190
G370	10/01/2007	9:10	0	Dissolved Chloride (mg/L)	133
G370	10/01/2007	9:10	0	Dissolved Oxygen (mg/L)	10.1
G370	10/01/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.588
G370	10/01/2007	9:10	0	pH	7.3
G370	10/01/2007	9:10	0	Sulfate (mg/L)	57
G370	10/01/2007	9:10	0	Temperature (°C)	26.9
G370	10/01/2007	9:10	0	Total Dissolved Phosphorus (mg/L)	0.031
G370	10/01/2007	9:10	0	Total Phosphorus (mg/L)	0.048
G370	10/01/2007	9:10	0	Turbidity (NTU)	7.4
G370	10/01/2007	9:15	24	Total Phosphorus (mg/L)	0.099
G370	10/08/2007	9:05	0	Conductivity (µS/cm)	1238
G370	10/08/2007	9:05	0	Dissolved Oxygen (mg/L)	3.62
G370	10/08/2007	9:05	0	pH	7.4
G370	10/08/2007	9:05	0	Temperature (°C)	28.1
G370	10/08/2007	9:05	0	Total Dissolved Phosphorus (mg/L)	0.077
G370	10/08/2007	9:05	0	Total Phosphorus (mg/L)	0.087
G370	10/08/2007	9:10	24	Total Phosphorus (mg/L)	0.138
G370	10/15/2007	9:20	0	Alkalinity (mg CaCO ₃ /L)	366
G370	10/15/2007	9:20	0	Ammonia (mg N/L)	0.093
G370	10/15/2007	9:20	0	Conductivity (µS/cm)	1261
G370	10/15/2007	9:20	0	Dissolved Chloride (mg/L)	142
G370	10/15/2007	9:20	0	Dissolved Oxygen (mg/L)	3.08
G370	10/15/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.664
G370	10/15/2007	9:20	0	Sulfate (mg/L)	71.5
G370	10/15/2007	9:20	0	Temperature (°C)	27.4
G370	10/15/2007	9:20	0	Total Dissolved Phosphorus (mg/L)	0.043
G370	10/15/2007	9:20	0	Total Phosphorus (mg/L)	0.066
G370	10/15/2007	9:20	0	Turbidity (NTU)	2.8
G370	10/15/2007	9:25	24	Total Phosphorus (mg/L)	0.116
G370	10/22/2007	9:30	0	Conductivity (µS/cm)	1201
G370	10/22/2007	9:30	0	Dissolved Oxygen (mg/L)	2.86
G370	10/22/2007	9:30	0	pH	7.3
G370	10/22/2007	9:30	0	Temperature (°C)	27.3

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	10/22/2007	9:30	0	Total Dissolved Phosphorus (mg/L)	0.082
G370	10/22/2007	9:30	0	Total Phosphorus (mg/L)	0.104
G370	10/22/2007	9:35	24	Total Phosphorus (mg/L)	0.116
G370	10/29/2007	9:15	0	Alkalinity (mg CaCO ₃ /L)	367
G370	10/29/2007	9:15	0	Ammonia (mg N/L)	0.212
G370	10/29/2007	9:15	0	Conductivity (µS/cm)	1219
G370	10/29/2007	9:15	0	Dissolved Chloride (mg/L)	136
G370	10/29/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.498
G370	10/29/2007	9:15	0	pH	7
G370	10/29/2007	9:15	0	Sulfate (mg/L)	70.9
G370	10/29/2007	9:15	0	Temperature (°C)	26.2
G370	10/29/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.062
G370	10/29/2007	9:15	0	Total Phosphorus (mg/L)	0.07
G370	10/29/2007	9:15	0	Turbidity (NTU)	3.4
G370	10/29/2007	9:20	24	Total Phosphorus (mg/L)	0.073
G370	11/05/2007	9:40	0	Conductivity (µS/cm)	1153
G370	11/05/2007	9:40	0	Dissolved Oxygen (mg/L)	5.01
G370	11/05/2007	9:40	0	pH	8.3
G370	11/05/2007	9:40	0	Temperature (°C)	24.3
G370	11/05/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.056
G370	11/05/2007	9:40	0	Total Phosphorus (mg/L)	0.07
G370	11/05/2007	9:45	24	Total Phosphorus (mg/L)	0.077
G370	11/13/2007	9:15	0	Alkalinity (mg CaCO ₃ /L)	283
G370	11/13/2007	9:15	0	Conductivity (µS/cm)	1047
G370	11/13/2007	9:15	0	Dissolved Chloride (mg/L)	136
G370	11/13/2007	9:15	0	Dissolved Oxygen (mg/L)	3
G370	11/13/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.022
G370	11/13/2007	9:15	0	pH	7.5
G370	11/13/2007	9:15	0	Sulfate (mg/L)	52.2
G370	11/13/2007	9:15	0	Temperature (°C)	21.2
G370	11/13/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.015
G370	11/13/2007	9:15	0	Total Phosphorus (mg/L)	0.022
G370	11/13/2007	9:15	0	Turbidity (NTU)	3.1
G370	11/19/2007	9:45	0	Conductivity (µS/cm)	1051
G370	11/19/2007	9:45	0	Dissolved Oxygen (mg/L)	4.25
G370	11/19/2007	9:45	0	pH	7.5
G370	11/19/2007	9:45	0	Temperature (°C)	21.1
G370	11/19/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.013
G370	11/19/2007	9:45	0	Total Phosphorus (mg/L)	0.027
G370	11/26/2007	9:15	0	Alkalinity (mg CaCO ₃ /L)	278
G370	11/26/2007	9:15	0	Ammonia (mg N/L)	0.037
G370	11/26/2007	9:15	0	Conductivity (µS/cm)	1045
G370	11/26/2007	9:15	0	Dissolved Chloride (mg/L)	143
G370	11/26/2007	9:15	0	Dissolved Oxygen (mg/L)	3.12
G370	11/26/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.012
G370	11/26/2007	9:15	0	pH	7.2
G370	11/26/2007	9:15	0	Sulfate (mg/L)	43.7
G370	11/26/2007	9:15	0	Temperature (°C)	22

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	11/26/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.013
G370	11/26/2007	9:15	0	Total Phosphorus (mg/L)	0.023
G370	11/26/2007	9:15	0	Turbidity (NTU)	1.4
G370	12/03/2007	9:15	0	Conductivity (μ S/cm)	1056
G370	12/03/2007	9:15	0	Dissolved Oxygen (mg/L)	5.04
G370	12/03/2007	9:15	0	pH	7.6
G370	12/03/2007	9:15	0	Temperature ($^{\circ}$ C)	24.2
G370	12/03/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.012
G370	12/03/2007	9:15	0	Total Phosphorus (mg/L)	0.034
G370	12/10/2007	8:50	0	Alkalinity (mg CaCO ₃ /L)	240
G370	12/10/2007	8:50	0	Ammonia (mg N/L)	0.035
G370	12/10/2007	8:50	0	Conductivity (μ S/cm)	948
G370	12/10/2007	8:50	0	Dissolved Chloride (mg/L)	137
G370	12/10/2007	8:50	0	Dissolved Oxygen (mg/L)	4.1
G370	12/10/2007	8:50	0	Nitrate + Nitrite (mg N/L)	0.017
G370	12/10/2007	8:50	0	pH	7.3
G370	12/10/2007	8:50	0	Sulfate (mg/L)	31.7
G370	12/10/2007	8:50	0	Temperature ($^{\circ}$ C)	22.5
G370	12/10/2007	8:50	0	Total Dissolved Phosphorus (mg/L)	0.009
G370	12/10/2007	8:50	0	Total Phosphorus (mg/L)	0.018
G370	12/10/2007	8:50	0	Turbidity (NTU)	1.1
G370	12/17/2007	9:45	0	Conductivity (μ S/cm)	939.5
G370	12/17/2007	9:45	0	Dissolved Oxygen (mg/L)	4.01
G370	12/17/2007	9:45	0	pH	7.4
G370	12/17/2007	9:45	0	Temperature ($^{\circ}$ C)	21.1
G370	12/17/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.015
G370	12/17/2007	9:45	0	Total Phosphorus (mg/L)	0.02
G370	12/26/2007	8:55	0	Alkalinity (mg CaCO ₃ /L)	256
G370	12/26/2007	8:55	0	Ammonia (mg N/L)	0.051
G370	12/26/2007	8:55	0	Conductivity (μ S/cm)	945
G370	12/26/2007	8:55	0	Dissolved Chloride (mg/L)	140
G370	12/26/2007	8:55	0	Dissolved Oxygen (mg/L)	6.17
G370	12/26/2007	8:55	0	Nitrate + Nitrite (mg N/L)	0.067
G370	12/26/2007	8:55	0	pH	7.8
G370	12/26/2007	8:55	0	Sulfate (mg/L)	28.5
G370	12/26/2007	8:55	0	Temperature ($^{\circ}$ C)	21.1
G370	12/26/2007	8:55	0	Total Dissolved Phosphorus (mg/L)	0.014
G370	12/26/2007	8:55	0	Total Phosphorus (mg/L)	0.023
G370	12/26/2007	8:55	0	Turbidity (NTU)	1.6
G370	12/31/2007	9:10	0	Conductivity (μ S/cm)	964.5
G370	12/31/2007	9:10	0	Dissolved Oxygen (mg/L)	6.45
G370	12/31/2007	9:10	0	pH	7.9
G370	12/31/2007	9:10	0	Temperature ($^{\circ}$ C)	22.8
G370	12/31/2007	9:10	0	Total Dissolved Phosphorus (mg/L)	0.025
G370	12/31/2007	9:10	0	Total Phosphorus (mg/L)	0.024
G370	01/07/2008	10:05	0	Alkalinity (mg CaCO ₃ /L)	261
G370	01/07/2008	10:05	0	Ammonia (mg N/L)	0.075
G370	01/07/2008	10:05	0	Conductivity (μ S/cm)	981.7

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	01/07/2008	10:05	0	Dissolved Chloride (mg/L)	143
G370	01/07/2008	10:05	0	Dissolved Oxygen (mg/L)	6.79
G370	01/07/2008	10:05	0	Nitrate + Nitrite (mg N/L)	0.07
G370	01/07/2008	10:05	0	pH	8.2
G370	01/07/2008	10:05	0	Sulfate (mg/L)	27.2
G370	01/07/2008	10:05	0	Temperature (°C)	18.9
G370	01/07/2008	10:05	0	Total Phosphorus (mg/L)	0.029
G370	01/07/2008	10:05	0	Turbidity (NTU)	2.8
G370	01/14/2008	10:30	0	Conductivity (µS/cm)	1045
G370	01/14/2008	10:30	0	Dissolved Oxygen (mg/L)	3.78
G370	01/14/2008	10:30	0	pH	7.5
G370	01/14/2008	10:30	0	Temperature (°C)	20.3
G370	01/14/2008	10:30	0	Total Dissolved Phosphorus (mg/L)	0.018
G370	01/14/2008	10:30	0	Total Phosphorus (mg/L)	0.031
G370	01/22/2008	10:00	0	Alkalinity (mg CaCO ₃ /L)	271
G370	01/22/2008	10:00	0	Ammonia (mg N/L)	0.069
G370	01/22/2008	10:00	0	Conductivity (µS/cm)	994.3
G370	01/22/2008	10:00	0	Dissolved Chloride (mg/L)	144
G370	01/22/2008	10:00	0	Dissolved Oxygen (mg/L)	5.55
G370	01/22/2008	10:00	0	Nitrate + Nitrite (mg N/L)	0.046
G370	01/22/2008	10:00	0	pH	7.8
G370	01/22/2008	10:00	0	Sulfate (mg/L)	19.8
G370	01/22/2008	10:00	0	Temperature (°C)	19.7
G370	01/22/2008	10:00	0	Total Dissolved Phosphorus (mg/L)	0.015
G370	01/22/2008	10:00	0	Total Phosphorus (mg/L)	0.023
G370	01/22/2008	10:00	0	Turbidity (NTU)	3.3
G370	01/28/2008	9:05	0	Conductivity (µS/cm)	971.3
G370	01/28/2008	9:05	0	pH	8
G370	01/28/2008	9:05	0	Temperature (°C)	18.9
G370	01/28/2008	9:05	0	Total Dissolved Phosphorus (mg/L)	0.013
G370	01/28/2008	9:05	0	Total Phosphorus (mg/L)	0.022
G370	02/04/2008	9:30	0	Alkalinity (mg CaCO ₃ /L)	267
G370	02/04/2008	9:30	0	Ammonia (mg N/L)	0.06
G370	02/04/2008	9:30	0	Conductivity (µS/cm)	913.4
G370	02/04/2008	9:30	0	Dissolved Chloride (mg/L)	135
G370	02/04/2008	9:30	0	Dissolved Oxygen (mg/L)	6.63
G370	02/04/2008	9:30	0	Nitrate + Nitrite (mg N/L)	0.018
G370	02/04/2008	9:30	0	pH	8
G370	02/04/2008	9:30	0	Sulfate (mg/L)	19.1
G370	02/04/2008	9:30	0	Temperature (°C)	22.1
G370	02/04/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.012
G370	02/04/2008	9:30	0	Total Phosphorus (mg/L)	0.031
G370	02/04/2008	9:30	0	Turbidity (NTU)	2.6
G370	02/11/2008	9:10	0	Dissolved Oxygen (mg/L)	4.67
G370	02/11/2008	9:10	0	pH	7.6
G370	02/11/2008	9:10	0	Temperature (°C)	22.1
G370	02/11/2008	9:10	0	Total Dissolved Phosphorus (mg/L)	0.022
G370	02/11/2008	9:10	0	Total Phosphorus (mg/L)	0.032

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	02/19/2008	9:30	0	Alkalinity (mg CaCO ₃ /L)	313
G370	02/19/2008	9:30	0	Ammonia (mg N/L)	0.432
G370	02/19/2008	9:30	0	Conductivity (μS/cm)	1089
G370	02/19/2008	9:30	0	Dissolved Chloride (mg/L)	118
G370	02/19/2008	9:30	0	Dissolved Oxygen (mg/L)	4.53
G370	02/19/2008	9:30	0	Nitrate + Nitrite (mg N/L)	2.763
G370	02/19/2008	9:30	0	pH	7.5
G370	02/19/2008	9:30	0	Sulfate (mg/L)	78.6
G370	02/19/2008	9:30	0	Temperature (°C)	22.7
G370	02/19/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.071
G370	02/19/2008	9:30	0	Total Phosphorus (mg/L)	0.077
G370	02/19/2008	9:30	0	Turbidity (NTU)	2.4
G370	02/19/2008	9:35	24	Total Phosphorus (mg/L)	0.218
G370	02/25/2008	9:40	0	Conductivity (μS/cm)	1156
G370	02/25/2008	9:40	0	Dissolved Oxygen (mg/L)	5.37
G370	02/25/2008	9:40	0	pH	7.6
G370	02/25/2008	9:40	0	Temperature (°C)	24.4
G370	02/25/2008	9:40	0	Total Dissolved Phosphorus (mg/L)	0.034
G370	02/25/2008	9:40	0	Total Phosphorus (mg/L)	0.045
G370	03/03/2008	9:50	0	Alkalinity (mg CaCO ₃ /L)	346
G370	03/03/2008	9:50	0	Ammonia (mg N/L)	0.028
G370	03/03/2008	9:50	0	Conductivity (μS/cm)	1139
G370	03/03/2008	9:50	0	Dissolved Chloride (mg/L)	132
G370	03/03/2008	9:50	0	Dissolved Oxygen (mg/L)	9.54
G370	03/03/2008	9:50	0	Nitrate + Nitrite (mg N/L)	0.924
G370	03/03/2008	9:50	0	pH	8.2
G370	03/03/2008	9:50	0	Sulfate (mg/L)	74.2
G370	03/03/2008	9:50	0	Temperature (°C)	21.8
G370	03/03/2008	9:50	0	Total Phosphorus (mg/L)	0.037
G370	03/03/2008	9:50	0	Turbidity (NTU)	3.2
G370	03/03/2008	10:00	24	Total Phosphorus (mg/L)	0.068
G370	03/10/2008	9:30	0	Conductivity (μS/cm)	709.6
G370	03/10/2008	9:30	0	Dissolved Oxygen (mg/L)	2.88
G370	03/10/2008	9:30	0	pH	7.3
G370	03/10/2008	9:30	0	Temperature (°C)	20.1
G370	03/10/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.054
G370	03/10/2008	9:30	0	Total Phosphorus (mg/L)	0.087
G370	03/10/2008	9:35	24	Total Phosphorus (mg/L)	0.13
G370	03/17/2008	9:10	0	Alkalinity (mg CaCO ₃ /L)	327
G370	03/17/2008	9:10	0	Ammonia (mg N/L)	0.103
G370	03/17/2008	9:10	0	Conductivity (μS/cm)	1084
G370	03/17/2008	9:10	0	Dissolved Chloride (mg/L)	126
G370	03/17/2008	9:10	0	Dissolved Oxygen (mg/L)	6.43
G370	03/17/2008	9:10	0	Nitrate + Nitrite (mg N/L)	0.752
G370	03/17/2008	9:10	0	pH	7.8
G370	03/17/2008	9:10	0	Sulfate (mg/L)	57.8
G370	03/17/2008	9:10	0	Temperature (°C)	24.7
G370	03/17/2008	9:10	0	Total Dissolved Phosphorus (mg/L)	0.045

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	03/17/2008	9:10	0	Total Phosphorus (mg/L)	0.058
G370	03/17/2008	9:10	0	Turbidity (NTU)	3.4
G370	03/17/2008	9:15	24	Total Phosphorus (mg/L)	0.097
G370	03/24/2008	9:10	0	Conductivity (μ S/cm)	1208
G370	03/24/2008	9:10	0	Dissolved Oxygen (mg/L)	6.39
G370	03/24/2008	9:10	0	pH	7.7
G370	03/24/2008	9:10	0	Temperature ($^{\circ}$ C)	23
G370	03/24/2008	9:10	0	Total Dissolved Phosphorus (mg/L)	0.023
G370	03/24/2008	9:10	0	Total Phosphorus (mg/L)	0.039
G370	03/24/2008	9:15	24	Total Phosphorus (mg/L)	0.054
G370	03/31/2008	9:15	0	Alkalinity (mg CaCO ₃ /L)	322
G370	03/31/2008	9:15	0	Ammonia (mg N/L)	0.011
G370	03/31/2008	9:15	0	Conductivity (μ S/cm)	1040
G370	03/31/2008	9:15	0	Dissolved Chloride (mg/L)	134
G370	03/31/2008	9:15	0	Dissolved Oxygen (mg/L)	9.26
G370	03/31/2008	9:15	0	Nitrate + Nitrite (mg N/L)	0.085
G370	03/31/2008	9:15	0	pH	8
G370	03/31/2008	9:15	0	Sulfate (mg/L)	34.3
G370	03/31/2008	9:15	0	Temperature ($^{\circ}$ C)	24.7
G370	03/31/2008	9:15	0	Total Dissolved Phosphorus (mg/L)	0.014
G370	03/31/2008	9:15	0	Total Phosphorus (mg/L)	0.051
G370	03/31/2008	9:15	0	Turbidity (NTU)	4.6
G370	03/31/2008	9:20	24	Total Phosphorus (mg/L)	0.051
G370	04/07/2008	9:30	0	Conductivity (μ S/cm)	1095
G370	04/07/2008	9:30	0	Dissolved Oxygen (mg/L)	6.36
G370	04/07/2008	9:30	0	pH	7.7
G370	04/07/2008	9:30	0	Temperature ($^{\circ}$ C)	24.9
G370	04/07/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.018
G370	04/07/2008	9:30	0	Total Phosphorus (mg/L)	0.048
G370	04/07/2008	9:35	24	Total Phosphorus (mg/L)	0.083
G370	04/14/2008	9:30	0	Alkalinity (mg CaCO ₃ /L)	282
G370	04/14/2008	9:30	0	Ammonia (mg N/L)	0.117
G370	04/14/2008	9:30	0	Conductivity (μ S/cm)	955.6
G370	04/14/2008	9:30	0	Dissolved Chloride (mg/L)	115
G370	04/14/2008	9:30	0	Dissolved Oxygen (mg/L)	4.32
G370	04/14/2008	9:30	0	Nitrate + Nitrite (mg N/L)	0.727
G370	04/14/2008	9:30	0	pH	7.8
G370	04/14/2008	9:30	0	Sulfate (mg/L)	37.6
G370	04/14/2008	9:30	0	Temperature ($^{\circ}$ C)	25.3
G370	04/14/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.023
G370	04/14/2008	9:30	0	Total Phosphorus (mg/L)	0.041
G370	04/14/2008	9:30	0	Turbidity (NTU)	2.4
G370	04/14/2008	9:35	24	Total Phosphorus (mg/L)	0.097
G370	04/21/2008	9:50	0	Conductivity (μ S/cm)	902.4
G370	04/21/2008	9:50	0	Dissolved Oxygen (mg/L)	6.38
G370	04/21/2008	9:50	0	pH	7.8
G370	04/21/2008	9:50	0	Temperature ($^{\circ}$ C)	22.8
G370	04/21/2008	9:50	0	Total Dissolved Phosphorus (mg/L)	0.008

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G370	04/21/2008	9:50	0	Total Phosphorus (mg/L)	0.024
G370	04/28/2008	9:00	0	Alkalinity (mg CaCO ₃ /L)	228
G370	04/28/2008	9:00	0	Ammonia (mg N/L)	0.01
G370	04/28/2008	9:00	0	Conductivity (μS/cm)	837.3
G370	04/28/2008	9:00	0	Dissolved Chloride (mg/L)	113
G370	04/28/2008	9:00	0	Dissolved Oxygen (mg/L)	5.22
G370	04/28/2008	9:00	0	Nitrate + Nitrite (mg N/L)	0.007
G370	04/28/2008	9:00	0	pH	7.7
G370	04/28/2008	9:00	0	Sulfate (mg/L)	26.8
G370	04/28/2008	9:00	0	Temperature (°C)	25
G370	04/28/2008	9:00	0	Total Dissolved Phosphorus (mg/L)	0.009
G370	04/28/2008	9:00	0	Total Phosphorus (mg/L)	0.018
G370	04/28/2008	9:00	0	Turbidity (NTU)	2
G372	05/07/2007	10:40	0	Conductivity (μS/cm)	518
G372	05/07/2007	10:40	0	Dissolved Oxygen (mg/L)	7.04
G372	05/07/2007	10:40	0	pH	8.2
G372	05/07/2007	10:40	0	Temperature (°C)	26.9
G372	05/07/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.02
G372	05/07/2007	10:40	0	Total Phosphorus (mg/L)	0.037
G372	05/14/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	119
G372	05/14/2007	10:50	0	Ammonia (mg N/L)	0.043
G372	05/14/2007	10:50	0	Conductivity (μS/cm)	498
G372	05/14/2007	10:50	0	Dissolved Chloride (mg/L)	57.1
G372	05/14/2007	10:50	0	Dissolved Oxygen (mg/L)	4.37
G372	05/14/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.073
G372	05/14/2007	10:50	0	pH	7.9
G372	05/14/2007	10:50	0	Sulfate (mg/L)	41.4
G372	05/14/2007	10:50	0	Temperature (°C)	25.4
G372	05/14/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.033
G372	05/14/2007	10:50	0	Total Phosphorus (mg/L)	0.05
G372	05/14/2007	10:50	0	Turbidity (NTU)	8.6
G372	05/21/2007	11:20	0	Conductivity (μS/cm)	505
G372	05/21/2007	11:20	0	Dissolved Oxygen (mg/L)	7.94
G372	05/21/2007	11:20	0	pH	8.4
G372	05/21/2007	11:20	0	Temperature (°C)	26.7
G372	05/21/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.021
G372	05/21/2007	11:20	0	Total Phosphorus (mg/L)	0.046
G372	05/21/2007	11:23	24	Total Phosphorus (mg/L)	0.054
G372	05/29/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	110
G372	05/29/2007	11:40	0	Ammonia (mg N/L)	0.016
G372	05/29/2007	11:40	0	Conductivity (μS/cm)	503
G372	05/29/2007	11:40	0	Dissolved Chloride (mg/L)	60.6
G372	05/29/2007	11:40	0	Dissolved Oxygen (mg/L)	8.12
G372	05/29/2007	11:40	0	Nitrate + Nitrite (mg N/L)	0.018
G372	05/29/2007	11:40	0	pH	8.5
G372	05/29/2007	11:40	0	Sulfate (mg/L)	44.6
G372	05/29/2007	11:40	0	Temperature (°C)	25.9
G372	05/29/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.018

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	05/29/2007	11:40	0	Total Phosphorus (mg/L)	0.037
G372	05/29/2007	11:40	0	Turbidity (NTU)	3.6
G372	06/04/2007	12:20	0	Conductivity (μ S/cm)	499
G372	06/04/2007	12:20	0	Dissolved Oxygen (mg/L)	9.9
G372	06/04/2007	12:20	0	pH	8.6
G372	06/04/2007	12:20	0	Temperature ($^{\circ}$ C)	27.8
G372	06/04/2007	12:20	0	Total Dissolved Phosphorus (mg/L)	0.014
G372	06/04/2007	12:20	0	Total Phosphorus (mg/L)	0.03
G372	06/11/2007	12:00	0	Alkalinity (mg CaCO ₃ /L)	198
G372	06/11/2007	12:00	0	Ammonia (mg N/L)	0.024
G372	06/11/2007	12:00	0	Conductivity (μ S/cm)	722.4
G372	06/11/2007	12:00	0	Dissolved Chloride (mg/L)	71.8
G372	06/11/2007	12:00	0	Nitrate + Nitrite (mg N/L)	2.716
G372	06/11/2007	12:00	0	pH	7.7
G372	06/11/2007	12:00	0	Sulfate (mg/L)	60.4
G372	06/11/2007	12:00	0	Temperature ($^{\circ}$ C)	29.3
G372	06/11/2007	12:00	0	Total Dissolved Phosphorus (mg/L)	0.015
G372	06/11/2007	12:00	0	Total Phosphorus (mg/L)	0.034
G372	06/11/2007	12:00	0	Turbidity (NTU)	3.2
G372	06/11/2007	12:05	24	Total Phosphorus (mg/L)	0.048
G372	06/18/2007	12:20	0	Conductivity (μ S/cm)	819.7
G372	06/18/2007	12:20	0	Dissolved Oxygen (mg/L)	1.3
G372	06/18/2007	12:20	0	pH	7.1
G372	06/18/2007	12:20	0	Temperature ($^{\circ}$ C)	28.3
G372	06/18/2007	12:20	0	Total Dissolved Phosphorus (mg/L)	0.015
G372	06/18/2007	12:20	0	Total Phosphorus (mg/L)	0.086
G372	06/18/2007	12:25	24	Total Phosphorus (mg/L)	0.063
G372	06/25/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	230
G372	06/25/2007	11:40	0	Ammonia (mg N/L)	0.025
G372	06/25/2007	11:40	0	Conductivity (μ S/cm)	832.6
G372	06/25/2007	11:40	0	Dissolved Chloride (mg/L)	93.7
G372	06/25/2007	11:40	0	Dissolved Oxygen (mg/L)	14
G372	06/25/2007	11:40	0	Nitrate + Nitrite (mg N/L)	1.918
G372	06/25/2007	11:40	0	pH	8.3
G372	06/25/2007	11:40	0	Sulfate (mg/L)	54.4
G372	06/25/2007	11:40	0	Temperature ($^{\circ}$ C)	31.7
G372	06/25/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.016
G372	06/25/2007	11:40	0	Total Phosphorus (mg/L)	0.102
G372	06/25/2007	11:40	0	Turbidity (NTU)	3.8
G372	06/25/2007	11:45	24	Total Phosphorus (mg/L)	0.1
G372	07/02/2007	12:00	0	Conductivity (μ S/cm)	907
G372	07/02/2007	12:00	0	Dissolved Oxygen (mg/L)	9.04
G372	07/02/2007	12:00	0	pH	8.3
G372	07/02/2007	12:00	0	Temperature ($^{\circ}$ C)	31
G372	07/02/2007	12:00	0	Total Dissolved Phosphorus (mg/L)	0.013
G372	07/02/2007	12:00	0	Total Phosphorus (mg/L)	0.06
G372	07/09/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	242
G372	07/09/2007	11:40	0	Ammonia (mg N/L)	0.071

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	07/09/2007	11:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	898
G372	07/09/2007	11:40	0	Dissolved Chloride (mg/L)	106
G372	07/09/2007	11:40	0	Dissolved Oxygen (mg/L)	3.7
G372	07/09/2007	11:40	0	Nitrate + Nitrite (mg N/L)	2.218
G372	07/09/2007	11:40	0	pH	7.4
G372	07/09/2007	11:40	0	Sulfate (mg/L)	56.2
G372	07/09/2007	11:40	0	Temperature ($^{\circ}\text{C}$)	29.6
G372	07/09/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.017
G372	07/09/2007	11:40	0	Total Phosphorus (mg/L)	0.038
G372	07/09/2007	11:40	0	Turbidity (NTU)	2.7
G372	07/09/2007	11:45	24	Total Phosphorus (mg/L)	0.041
G372	07/16/2007	10:55	0	Conductivity ($\mu\text{S}/\text{cm}$)	893
G372	07/16/2007	10:55	0	Dissolved Oxygen (mg/L)	3.79
G372	07/16/2007	10:55	0	pH	7.2
G372	07/16/2007	10:55	0	Temperature ($^{\circ}\text{C}$)	30.2
G372	07/16/2007	10:55	0	Total Dissolved Phosphorus (mg/L)	0.01
G372	07/16/2007	10:55	0	Total Phosphorus (mg/L)	0.037
G372	07/16/2007	11:00	24	Total Phosphorus (mg/L)	0.044
G372	07/23/2007	12:25	0	Alkalinity (mg CaCO_3/L)	258
G372	07/23/2007	12:25	0	Ammonia (mg N/L)	0.022
G372	07/23/2007	12:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	918
G372	07/23/2007	12:25	0	Dissolved Chloride (mg/L)	101
G372	07/23/2007	12:25	0	Dissolved Oxygen (mg/L)	6.33
G372	07/23/2007	12:25	0	Nitrate + Nitrite (mg N/L)	1.586
G372	07/23/2007	12:25	0	pH	7.4
G372	07/23/2007	12:25	0	Sulfate (mg/L)	52.2
G372	07/23/2007	12:25	0	Temperature ($^{\circ}\text{C}$)	30
G372	07/23/2007	12:25	0	Total Dissolved Phosphorus (mg/L)	0.01
G372	07/23/2007	12:25	0	Total Phosphorus (mg/L)	0.03
G372	07/23/2007	12:25	0	Turbidity (NTU)	2.9
G372	07/23/2007	12:40	24	Total Phosphorus (mg/L)	0.057
G372	07/30/2007	10:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	1063
G372	07/30/2007	10:45	0	Dissolved Oxygen (mg/L)	4.3
G372	07/30/2007	10:45	0	pH	7.4
G372	07/30/2007	10:45	0	Temperature ($^{\circ}\text{C}$)	29.9
G372	07/30/2007	10:45	0	Total Dissolved Phosphorus (mg/L)	0.01
G372	07/30/2007	10:45	0	Total Phosphorus (mg/L)	0.039
G372	07/30/2007	10:50	24	Total Phosphorus (mg/L)	0.051
G372	08/06/2007	11:20	0	Alkalinity (mg CaCO_3/L)	277
G372	08/06/2007	11:20	0	Ammonia (mg N/L)	0.056
G372	08/06/2007	11:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	930
G372	08/06/2007	11:20	0	Dissolved Chloride (mg/L)	87.4
G372	08/06/2007	11:20	0	Dissolved Oxygen (mg/L)	5.62
G372	08/06/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.91
G372	08/06/2007	11:20	0	pH	7.5
G372	08/06/2007	11:20	0	Sulfate (mg/L)	72.2
G372	08/06/2007	11:20	0	Temperature ($^{\circ}\text{C}$)	31.5
G372	08/06/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.019

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	08/06/2007	11:20	0	Total Phosphorus (mg/L)	0.069
G372	08/06/2007	11:20	0	Turbidity (NTU)	4.5
G372	08/06/2007	11:25	24	Total Phosphorus (mg/L)	0.058
G372	08/13/2007	10:45	0	Conductivity (μ S/cm)	900
G372	08/13/2007	10:45	0	Dissolved Oxygen (mg/L)	3
G372	08/13/2007	10:45	0	pH	7.4
G372	08/13/2007	10:45	0	Temperature ($^{\circ}$ C)	31
G372	08/13/2007	10:45	0	Total Dissolved Phosphorus (mg/L)	0.009
G372	08/13/2007	10:45	0	Total Phosphorus (mg/L)	0.037
G372	08/13/2007	10:50	24	Total Phosphorus (mg/L)	0.07
G372	08/20/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	271
G372	08/20/2007	11:25	0	Ammonia (mg N/L)	0.041
G372	08/20/2007	11:25	0	Conductivity (μ S/cm)	888.7
G372	08/20/2007	11:25	0	Dissolved Chloride (mg/L)	88.2
G372	08/20/2007	11:25	0	Dissolved Oxygen (mg/L)	6.38
G372	08/20/2007	11:25	0	Nitrate + Nitrite (mg N/L)	1.709
G372	08/20/2007	11:25	0	pH	7.8
G372	08/20/2007	11:25	0	Sulfate (mg/L)	60.7
G372	08/20/2007	11:25	0	Temperature ($^{\circ}$ C)	30.4
G372	08/20/2007	11:25	0	Total Phosphorus (mg/L)	0.025
G372	08/20/2007	11:25	0	Turbidity (NTU)	2.1
G372	08/20/2007	11:30	24	Total Phosphorus (mg/L)	0.047
G372	08/27/2007	11:10	0	Conductivity (μ S/cm)	882
G372	08/27/2007	11:10	0	Dissolved Oxygen (mg/L)	3.78
G372	08/27/2007	11:10	0	pH	7.6
G372	08/27/2007	11:10	0	Temperature ($^{\circ}$ C)	29.7
G372	08/27/2007	11:10	0	Total Dissolved Phosphorus (mg/L)	0.01
G372	08/27/2007	11:10	0	Total Phosphorus (mg/L)	0.031
G372	08/27/2007	11:15	24	Total Phosphorus (mg/L)	0.031
G372	09/04/2007	11:20	0	Alkalinity (mg CaCO ₃ /L)	235
G372	09/04/2007	11:20	0	Ammonia (mg N/L)	0.029
G372	09/04/2007	11:20	0	Conductivity (μ S/cm)	806.4
G372	09/04/2007	11:20	0	Dissolved Chloride (mg/L)	96.4
G372	09/04/2007	11:20	0	Dissolved Oxygen (mg/L)	6.57
G372	09/04/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.48
G372	09/04/2007	11:20	0	pH	7.9
G372	09/04/2007	11:20	0	Sulfate (mg/L)	32.6
G372	09/04/2007	11:20	0	Temperature ($^{\circ}$ C)	31.4
G372	09/04/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.012
G372	09/04/2007	11:20	0	Total Phosphorus (mg/L)	0.034
G372	09/04/2007	11:20	0	Turbidity (NTU)	2.2
G372	09/04/2007	11:25	24	Total Phosphorus (mg/L)	0.032
G372	09/10/2007	11:00	0	Conductivity (μ S/cm)	805
G372	09/10/2007	11:00	0	Dissolved Oxygen (mg/L)	12.3
G372	09/10/2007	11:00	0	pH	7.7
G372	09/10/2007	11:00	0	Temperature ($^{\circ}$ C)	29.5
G372	09/10/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.016
G372	09/10/2007	11:00	0	Total Phosphorus (mg/L)	0.033

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	09/17/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	260
G372	09/17/2007	11:40	0	Ammonia (mg N/L)	0.041
G372	09/17/2007	11:40	0	Conductivity (µS/cm)	884
G372	09/17/2007	11:40	0	Dissolved Chloride (mg/L)	86.3
G372	09/17/2007	11:40	0	Dissolved Oxygen (mg/L)	2.5
G372	09/17/2007	11:40	0	Nitrate + Nitrite (mg N/L)	0.547
G372	09/17/2007	11:40	0	pH	7.6
G372	09/17/2007	11:40	0	Sulfate (mg/L)	62.6
G372	09/17/2007	11:40	0	Temperature (°C)	29.7
G372	09/17/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.024
G372	09/17/2007	11:40	0	Total Phosphorus (mg/L)	0.051
G372	09/17/2007	11:40	0	Turbidity (NTU)	5.7
G372	09/17/2007	11:45	24	Total Phosphorus (mg/L)	0.045
G372	09/24/2007	11:30	0	Conductivity (µS/cm)	992.7
G372	09/24/2007	11:30	0	Dissolved Oxygen (mg/L)	3.35
G372	09/24/2007	11:30	0	pH	7.3
G372	09/24/2007	11:30	0	Temperature (°C)	27.9
G372	09/24/2007	11:30	0	Total Dissolved Phosphorus (mg/L)	0.02
G372	09/24/2007	11:30	0	Total Phosphorus (mg/L)	0.046
G372	09/24/2007	11:35	24	Total Phosphorus (mg/L)	0.055
G372	10/01/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	287
G372	10/01/2007	11:25	0	Ammonia (mg N/L)	0.077
G372	10/01/2007	11:25	0	Conductivity (µS/cm)	886.2
G372	10/01/2007	11:25	0	Dissolved Chloride (mg/L)	68.2
G372	10/01/2007	11:25	0	Dissolved Oxygen (mg/L)	11
G372	10/01/2007	11:25	0	Nitrate + Nitrite (mg N/L)	1.164
G372	10/01/2007	11:25	0	pH	7.6
G372	10/01/2007	11:25	0	Sulfate (mg/L)	42
G372	10/01/2007	11:25	0	Temperature (°C)	27.9
G372	10/01/2007	11:25	0	Total Dissolved Phosphorus (mg/L)	0.026
G372	10/01/2007	11:25	0	Total Phosphorus (mg/L)	0.066
G372	10/01/2007	11:25	0	Turbidity (NTU)	11.2
G372	10/01/2007	11:30	24	Total Phosphorus (mg/L)	0.062
G372	10/08/2007	11:05	0	Conductivity (µS/cm)	955
G372	10/08/2007	11:05	0	Dissolved Oxygen (mg/L)	3.12
G372	10/08/2007	11:05	0	pH	7.3
G372	10/08/2007	11:05	0	Temperature (°C)	28.6
G372	10/08/2007	11:05	0	Total Dissolved Phosphorus (mg/L)	0.038
G372	10/08/2007	11:05	0	Total Phosphorus (mg/L)	0.051
G372	10/08/2007	11:10	24	Total Phosphorus (mg/L)	0.07
G372	10/15/2007	12:00	0	Alkalinity (mg CaCO ₃ /L)	298
G372	10/15/2007	12:00	0	Ammonia (mg N/L)	0.061
G372	10/15/2007	12:00	0	Conductivity (µS/cm)	996
G372	10/15/2007	12:00	0	Dissolved Chloride (mg/L)	98.8
G372	10/15/2007	12:00	0	Dissolved Oxygen (mg/L)	5.52
G372	10/15/2007	12:00	0	Nitrate + Nitrite (mg N/L)	0.686
G372	10/15/2007	12:00	0	Sulfate (mg/L)	67.2
G372	10/15/2007	12:00	0	Temperature (°C)	27.8

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	10/15/2007	12:00	0	Total Dissolved Phosphorus (mg/L)	0.011
G372	10/15/2007	12:00	0	Total Phosphorus (mg/L)	0.048
G372	10/15/2007	12:00	0	Turbidity (NTU)	3.8
G372	10/22/2007	11:30	0	Conductivity (μ S/cm)	1117
G372	10/22/2007	11:30	0	Dissolved Oxygen (mg/L)	3.84
G372	10/22/2007	11:30	0	pH	7.3
G372	10/22/2007	11:30	0	Temperature ($^{\circ}$ C)	27.5
G372	10/22/2007	11:30	0	Total Dissolved Phosphorus (mg/L)	0.014
G372	10/22/2007	11:30	0	Total Phosphorus (mg/L)	0.046
G372	10/22/2007	11:35	24	Total Phosphorus (mg/L)	0.049
G372	10/29/2007	11:15	0	Alkalinity (mg CaCO ₃ /L)	295
G372	10/29/2007	11:15	0	Ammonia (mg N/L)	0.087
G372	10/29/2007	11:15	0	Conductivity (μ S/cm)	1073
G372	10/29/2007	11:15	0	Dissolved Chloride (mg/L)	132
G372	10/29/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.494
G372	10/29/2007	11:15	0	pH	7.6
G372	10/29/2007	11:15	0	Sulfate (mg/L)	54.8
G372	10/29/2007	11:15	0	Temperature ($^{\circ}$ C)	26.6
G372	10/29/2007	11:15	0	Total Dissolved Phosphorus (mg/L)	0.032
G372	10/29/2007	11:15	0	Total Phosphorus (mg/L)	0.044
G372	10/29/2007	11:15	0	Turbidity (NTU)	3
G372	10/29/2007	11:20	24	Total Phosphorus (mg/L)	0.063
G372	11/05/2007	11:50	0	Conductivity (μ S/cm)	773.1
G372	11/05/2007	11:50	0	Dissolved Oxygen (mg/L)	4.34
G372	11/05/2007	11:50	0	pH	8.3
G372	11/05/2007	11:50	0	Temperature ($^{\circ}$ C)	25.5
G372	11/05/2007	11:50	0	Total Dissolved Phosphorus (mg/L)	0.024
G372	11/05/2007	11:50	0	Total Phosphorus (mg/L)	0.034
G372	11/05/2007	11:55	24	Total Phosphorus (mg/L)	0.072
G372	11/13/2007	12:10	0	Alkalinity (mg CaCO ₃ /L)	242
G372	11/13/2007	12:10	0	Ammonia (mg N/L)	0.057
G372	11/13/2007	12:10	0	Conductivity (μ S/cm)	871
G372	11/13/2007	12:10	0	Dissolved Chloride (mg/L)	110
G372	11/13/2007	12:10	0	Dissolved Oxygen (mg/L)	5.35
G372	11/13/2007	12:10	0	Nitrate + Nitrite (mg N/L)	0.181
G372	11/13/2007	12:10	0	pH	7.8
G372	11/13/2007	12:10	0	Sulfate (mg/L)	41.8
G372	11/13/2007	12:10	0	Temperature ($^{\circ}$ C)	22.8
G372	11/13/2007	12:10	0	Total Dissolved Phosphorus (mg/L)	0.012
G372	11/13/2007	12:10	0	Total Phosphorus (mg/L)	0.021
G372	11/13/2007	12:10	0	Turbidity (NTU)	2.3
G372	11/19/2007	12:10	0	Conductivity (μ S/cm)	860.8
G372	11/19/2007	12:10	0	Dissolved Oxygen (mg/L)	6.04
G372	11/19/2007	12:10	0	pH	7.7
G372	11/19/2007	12:10	0	Temperature ($^{\circ}$ C)	22.1
G372	11/19/2007	12:10	0	Total Dissolved Phosphorus (mg/L)	0.01
G372	11/19/2007	12:10	0	Total Phosphorus (mg/L)	0.019
G372	11/26/2007	11:55	0	Alkalinity (mg CaCO ₃ /L)	252

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	11/26/2007	11:55	0	Ammonia (mg N/L)	0.067
G372	11/26/2007	11:55	0	Conductivity (µS/cm)	908
G372	11/26/2007	11:55	0	Dissolved Chloride (mg/L)	111
G372	11/26/2007	11:55	0	Dissolved Oxygen (mg/L)	5.86
G372	11/26/2007	11:55	0	Nitrate + Nitrite (mg N/L)	0.11
G372	11/26/2007	11:55	0	pH	7.7
G372	11/26/2007	11:55	0	Sulfate (mg/L)	45
G372	11/26/2007	11:55	0	Temperature (°C)	22.8
G372	11/26/2007	11:55	0	Total Dissolved Phosphorus (mg/L)	0.015
G372	11/26/2007	11:55	0	Total Phosphorus (mg/L)	0.018
G372	11/26/2007	11:55	0	Turbidity (NTU)	1.2
G372	12/03/2007	11:20	0	Conductivity (µS/cm)	981.2
G372	12/03/2007	11:20	0	Dissolved Oxygen (mg/L)	5.1
G372	12/03/2007	11:20	0	pH	7.6
G372	12/03/2007	11:20	0	Temperature (°C)	23.9
G372	12/03/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.013
G372	12/03/2007	11:20	0	Total Phosphorus (mg/L)	0.023
G372	12/10/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	261
G372	12/10/2007	10:40	0	Ammonia (mg N/L)	0.071
G372	12/10/2007	10:40	0	Conductivity (µS/cm)	988
G372	12/10/2007	10:40	0	Dissolved Chloride (mg/L)	133
G372	12/10/2007	10:40	0	Dissolved Oxygen (mg/L)	4.91
G372	12/10/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.073
G372	12/10/2007	10:40	0	pH	7.6
G372	12/10/2007	10:40	0	Sulfate (mg/L)	42
G372	12/10/2007	10:40	0	Temperature (°C)	23
G372	12/10/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.014
G372	12/10/2007	10:40	0	Total Phosphorus (mg/L)	0.019
G372	12/10/2007	10:40	0	Turbidity (NTU)	2
G372	12/17/2007	11:35	0	Conductivity (µS/cm)	950.1
G372	12/17/2007	11:35	0	Dissolved Oxygen (mg/L)	5.77
G372	12/17/2007	11:35	0	pH	7.7
G372	12/17/2007	11:35	0	Temperature (°C)	22.1
G372	12/17/2007	11:35	0	Total Dissolved Phosphorus (mg/L)	0.018
G372	12/17/2007	11:35	0	Total Phosphorus (mg/L)	0.023
G372	12/26/2007	11:10	0	Alkalinity (mg CaCO ₃ /L)	256
G372	12/26/2007	11:10	0	Ammonia (mg N/L)	0.065
G372	12/26/2007	11:10	0	Conductivity (µS/cm)	933
G372	12/26/2007	11:10	0	Dissolved Chloride (mg/L)	131
G372	12/26/2007	11:10	0	Dissolved Oxygen (mg/L)	6.11
G372	12/26/2007	11:10	0	Nitrate + Nitrite (mg N/L)	0.117
G372	12/26/2007	11:10	0	pH	7.8
G372	12/26/2007	11:10	0	Sulfate (mg/L)	33.4
G372	12/26/2007	11:10	0	Temperature (°C)	21.9
G372	12/26/2007	11:10	0	Total Dissolved Phosphorus (mg/L)	0.013
G372	12/26/2007	11:10	0	Total Phosphorus (mg/L)	0.021
G372	12/26/2007	11:10	0	Turbidity (NTU)	1.9
G372	12/31/2007	11:45	0	Conductivity (µS/cm)	947.7

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	12/31/2007	11:45	0	Dissolved Oxygen (mg/L)	5.92
G372	12/31/2007	11:45	0	pH	7.8
G372	12/31/2007	11:45	0	Temperature (°C)	23.6
G372	12/31/2007	11:45	0	Total Dissolved Phosphorus (mg/L)	0.013
G372	12/31/2007	11:45	0	Total Phosphorus (mg/L)	0.019
G372	01/07/2008	12:25	0	Alkalinity (mg CaCO ₃ /L)	254
G372	01/07/2008	12:25	0	Ammonia (mg N/L)	0.065
G372	01/07/2008	12:25	0	Conductivity (µS/cm)	916.2
G372	01/07/2008	12:25	0	Dissolved Chloride (mg/L)	126
G372	01/07/2008	12:25	0	Dissolved Oxygen (mg/L)	7.79
G372	01/07/2008	12:25	0	Nitrate + Nitrite (mg N/L)	0.152
G372	01/07/2008	12:25	0	pH	8.4
G372	01/07/2008	12:25	0	Sulfate (mg/L)	31.5
G372	01/07/2008	12:25	0	Temperature (°C)	19.1
G372	01/07/2008	12:25	0	Total Phosphorus (mg/L)	0.021
G372	01/07/2008	12:25	0	Turbidity (NTU)	1.1
G372	01/14/2008	12:30	0	Conductivity (µS/cm)	909.2
G372	01/14/2008	12:30	0	Dissolved Oxygen (mg/L)	7.32
G372	01/14/2008	12:30	0	pH	7.9
G372	01/14/2008	12:30	0	Temperature (°C)	20.7
G372	01/14/2008	12:30	0	Total Dissolved Phosphorus (mg/L)	0.009
G372	01/14/2008	12:30	0	Total Phosphorus (mg/L)	0.019
G372	01/22/2008	12:40	0	Alkalinity (mg CaCO ₃ /L)	254
G372	01/22/2008	12:40	0	Ammonia (mg N/L)	0.071
G372	01/22/2008	12:40	0	Conductivity (µS/cm)	912.4
G372	01/22/2008	12:40	0	Dissolved Chloride (mg/L)	124
G372	01/22/2008	12:40	0	Dissolved Oxygen (mg/L)	6.64
G372	01/22/2008	12:40	0	Nitrate + Nitrite (mg N/L)	0.139
G372	01/22/2008	12:40	0	pH	7.9
G372	01/22/2008	12:40	0	Sulfate (mg/L)	28.2
G372	01/22/2008	12:40	0	Temperature (°C)	20.5
G372	01/22/2008	12:40	0	Total Dissolved Phosphorus (mg/L)	0.013
G372	01/22/2008	12:40	0	Total Phosphorus (mg/L)	0.018
G372	01/22/2008	12:40	0	Turbidity (NTU)	1.2
G372	01/28/2008	11:10	0	Conductivity (µS/cm)	918.2
G372	01/28/2008	11:10	0	pH	7.9
G372	01/28/2008	11:10	0	Temperature (°C)	19.5
G372	01/28/2008	11:10	0	Total Dissolved Phosphorus (mg/L)	0.01
G372	01/28/2008	11:10	0	Total Phosphorus (mg/L)	0.018
G372	02/04/2008	11:35	0	Alkalinity (mg CaCO ₃ /L)	252
G372	02/04/2008	11:35	0	Ammonia (mg N/L)	0.053
G372	02/04/2008	11:35	0	Conductivity (µS/cm)	886.6
G372	02/04/2008	11:35	0	Dissolved Chloride (mg/L)	130
G372	02/04/2008	11:35	0	Dissolved Oxygen (mg/L)	7.01
G372	02/04/2008	11:35	0	Nitrate + Nitrite (mg N/L)	0.122
G372	02/04/2008	11:35	0	pH	8.3
G372	02/04/2008	11:35	0	Sulfate (mg/L)	25.2
G372	02/04/2008	11:35	0	Temperature (°C)	21.7

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	02/04/2008	11:35	0	Total Dissolved Phosphorus (mg/L)	0.01
G372	02/04/2008	11:35	0	Total Phosphorus (mg/L)	0.015
G372	02/04/2008	11:35	0	Turbidity (NTU)	1
G372	02/11/2008	11:00	0	Dissolved Oxygen (mg/L)	6.4
G372	02/11/2008	11:00	0	pH	8
G372	02/11/2008	11:00	0	Temperature (°C)	21.5
G372	02/11/2008	11:00	0	Total Phosphorus (mg/L)	0.017
G372	02/19/2008	11:45	0	Alkalinity (mg CaCO ₃ /L)	276
G372	02/19/2008	11:45	0	Ammonia (mg N/L)	0.364
G372	02/19/2008	11:45	0	Conductivity (µS/cm)	1076
G372	02/19/2008	11:45	0	Dissolved Chloride (mg/L)	132
G372	02/19/2008	11:45	0	Dissolved Oxygen (mg/L)	4.63
G372	02/19/2008	11:45	0	Nitrate + Nitrite (mg N/L)	3.87
G372	02/19/2008	11:45	0	pH	7.5
G372	02/19/2008	11:45	0	Sulfate (mg/L)	66.1
G372	02/19/2008	11:45	0	Temperature (°C)	23
G372	02/19/2008	11:45	0	Total Dissolved Phosphorus (mg/L)	0.038
G372	02/19/2008	11:45	0	Total Phosphorus (mg/L)	0.049
G372	02/19/2008	11:45	0	Turbidity (NTU)	4.4
G372	02/19/2008	11:50	24	Total Phosphorus (mg/L)	0.591
G372	02/25/2008	11:50	0	Conductivity (µS/cm)	1092
G372	02/25/2008	11:50	0	Dissolved Oxygen (mg/L)	5.77
G372	02/25/2008	11:50	0	pH	7.6
G372	02/25/2008	11:50	0	Temperature (°C)	25.4
G372	02/25/2008	11:50	0	Total Dissolved Phosphorus (mg/L)	0.03
G372	02/25/2008	11:50	0	Total Phosphorus (mg/L)	0.057
G372	02/25/2008	11:55	24	Total Phosphorus (mg/L)	0.066
G372	03/03/2008	11:40	0	Alkalinity (mg CaCO ₃ /L)	298
G372	03/03/2008	11:40	0	Ammonia (mg N/L)	0.05
G372	03/03/2008	11:40	0	Conductivity (µS/cm)	1068
G372	03/03/2008	11:40	0	Dissolved Chloride (mg/L)	137
G372	03/03/2008	11:40	0	Dissolved Oxygen (mg/L)	6.92
G372	03/03/2008	11:40	0	Nitrate + Nitrite (mg N/L)	0.859
G372	03/03/2008	11:40	0	pH	7.9
G372	03/03/2008	11:40	0	Sulfate (mg/L)	57.9
G372	03/03/2008	11:40	0	Temperature (°C)	22.5
G372	03/03/2008	11:40	0	Total Dissolved Phosphorus (mg/L)	0.018
G372	03/03/2008	11:40	0	Total Phosphorus (mg/L)	0.033
G372	03/03/2008	11:40	0	Turbidity (NTU)	2.2
G372	03/03/2008	11:45	24	Total Phosphorus (mg/L)	0.112
G372	03/10/2008	11:45	0	Conductivity (µS/cm)	905.3
G372	03/10/2008	11:45	0	Dissolved Oxygen (mg/L)	3.63
G372	03/10/2008	11:45	0	pH	7.2
G372	03/10/2008	11:45	0	Temperature (°C)	21.1
G372	03/10/2008	11:45	0	Total Dissolved Phosphorus (mg/L)	0.031
G372	03/10/2008	11:45	0	Total Phosphorus (mg/L)	0.083
G372	03/10/2008	11:50	24	Total Phosphorus (mg/L)	0.085
G372	03/17/2008	11:40	0	Alkalinity (mg CaCO ₃ /L)	284

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	03/17/2008	11:40	0	Ammonia (mg N/L)	0.054
G372	03/17/2008	11:40	0	Conductivity (μ S/cm)	1057
G372	03/17/2008	11:40	0	Dissolved Chloride (mg/L)	127
G372	03/17/2008	11:40	0	Dissolved Oxygen (mg/L)	7.81
G372	03/17/2008	11:40	0	Nitrate + Nitrite (mg N/L)	1.287
G372	03/17/2008	11:40	0	pH	7.8
G372	03/17/2008	11:40	0	Sulfate (mg/L)	76.6
G372	03/17/2008	11:40	0	Temperature ($^{\circ}$ C)	25.1
G372	03/17/2008	11:40	0	Total Dissolved Phosphorus (mg/L)	0.013
G372	03/17/2008	11:40	0	Total Phosphorus (mg/L)	0.038
G372	03/17/2008	11:40	0	Turbidity (NTU)	2.8
G372	03/17/2008	11:45	24	Total Phosphorus (mg/L)	0.087
G372	03/24/2008	11:25	0	Conductivity (μ S/cm)	1195
G372	03/24/2008	11:25	0	Dissolved Oxygen (mg/L)	5.53
G372	03/24/2008	11:25	0	pH	7.8
G372	03/24/2008	11:25	0	Temperature ($^{\circ}$ C)	23
G372	03/24/2008	11:25	0	Total Dissolved Phosphorus (mg/L)	0.014
G372	03/24/2008	11:25	0	Total Phosphorus (mg/L)	0.035
G372	03/24/2008	11:30	24	Total Phosphorus (mg/L)	0.059
G372	03/31/2008	12:00	0	Alkalinity (mg CaCO ₃ /L)	297
G372	03/31/2008	12:00	0	Ammonia (mg N/L)	0.037
G372	03/31/2008	12:00	0	Conductivity (μ S/cm)	1118
G372	03/31/2008	12:00	0	Dissolved Chloride (mg/L)	151
G372	03/31/2008	12:00	0	Dissolved Oxygen (mg/L)	10.1
G372	03/31/2008	12:00	0	Nitrate + Nitrite (mg N/L)	0.448
G372	03/31/2008	12:00	0	pH	8
G372	03/31/2008	12:00	0	Sulfate (mg/L)	70.2
G372	03/31/2008	12:00	0	Temperature ($^{\circ}$ C)	24
G372	03/31/2008	12:00	0	Total Dissolved Phosphorus (mg/L)	0.009
G372	03/31/2008	12:00	0	Total Phosphorus (mg/L)	0.041
G372	03/31/2008	12:00	0	Turbidity (NTU)	3.5
G372	03/31/2008	12:05	24	Total Phosphorus (mg/L)	0.044
G372	04/07/2008	11:35	0	Conductivity (μ S/cm)	1045
G372	04/07/2008	11:35	0	Dissolved Oxygen (mg/L)	5.7
G372	04/07/2008	11:35	0	pH	7.7
G372	04/07/2008	11:35	0	Temperature ($^{\circ}$ C)	24.5
G372	04/07/2008	11:35	0	Total Dissolved Phosphorus (mg/L)	0.008
G372	04/07/2008	11:35	0	Total Phosphorus (mg/L)	0.055
G372	04/07/2008	11:40	24	Total Phosphorus (mg/L)	0.069
G372	04/14/2008	11:40	0	Alkalinity (mg CaCO ₃ /L)	293
G372	04/14/2008	11:40	0	Ammonia (mg N/L)	0.137
G372	04/14/2008	11:40	0	Conductivity (μ S/cm)	1074
G372	04/14/2008	11:40	0	Dissolved Chloride (mg/L)	123
G372	04/14/2008	11:40	0	Dissolved Oxygen (mg/L)	5.71
G372	04/14/2008	11:40	0	Nitrate + Nitrite (mg N/L)	3.388
G372	04/14/2008	11:40	0	pH	7.9
G372	04/14/2008	11:40	0	Sulfate (mg/L)	67.9
G372	04/14/2008	11:40	0	Temperature ($^{\circ}$ C)	25.9

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G372	04/14/2008	11:40	0	Total Dissolved Phosphorus (mg/L)	0.013
G372	04/14/2008	11:40	0	Total Phosphorus (mg/L)	0.034
G372	04/14/2008	11:40	0	Turbidity (NTU)	2.7
G372	04/14/2008	11:45	24	Total Phosphorus (mg/L)	0.078
G372	04/21/2008	11:55	0	Conductivity (μ S/cm)	812.8
G372	04/21/2008	11:55	0	Dissolved Oxygen (mg/L)	5.98
G372	04/21/2008	11:55	0	pH	8
G372	04/21/2008	11:55	0	Temperature ($^{\circ}$ C)	24.9
G372	04/21/2008	11:55	0	Total Dissolved Phosphorus (mg/L)	0.006
G372	04/21/2008	11:55	0	Total Phosphorus (mg/L)	0.022
G372	04/28/2008	11:20	0	Alkalinity (mg CaCO ₃ /L)	224
G372	04/28/2008	11:20	0	Ammonia (mg N/L)	0.059
G372	04/28/2008	11:20	0	Conductivity (μ S/cm)	835.3
G372	04/28/2008	11:20	0	Dissolved Chloride (mg/L)	104
G372	04/28/2008	11:20	0	Dissolved Oxygen (mg/L)	5.6
G372	04/28/2008	11:20	0	Nitrate + Nitrite (mg N/L)	0.18
G372	04/28/2008	11:20	0	pH	7.8
G372	04/28/2008	11:20	0	Sulfate (mg/L)	42.1
G372	04/28/2008	11:20	0	Temperature ($^{\circ}$ C)	25.2
G372	04/28/2008	11:20	0	Total Dissolved Phosphorus (mg/L)	0.009
G372	04/28/2008	11:20	0	Total Phosphorus (mg/L)	0.017
G372	04/28/2008	11:20	0	Turbidity (NTU)	2.4
G376B	05/07/2007	9:15	0	Conductivity (μ S/cm)	1104
G376B	05/07/2007	9:15	0	Dissolved Oxygen (mg/L)	2.17
G376B	05/07/2007	9:15	0	pH	7.8
G376B	05/07/2007	9:15	0	Temperature ($^{\circ}$ C)	27.1
G376B	05/07/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.017
G376B	05/07/2007	9:15	0	Total Phosphorus (mg/L)	0.042
G376B	05/14/2007	10:00	0	Alkalinity (mg CaCO ₃ /L)	226
G376B	05/14/2007	10:00	0	Ammonia (mg N/L)	0.103
G376B	05/14/2007	10:00	0	Conductivity (μ S/cm)	1017
G376B	05/14/2007	10:00	0	Dissolved Chloride (mg/L)	169
G376B	05/14/2007	10:00	0	Dissolved Oxygen (mg/L)	3.54
G376B	05/14/2007	10:00	0	Nitrate + Nitrite (mg N/L)	0.098
G376B	05/14/2007	10:00	0	pH	7.8
G376B	05/14/2007	10:00	0	Sulfate (mg/L)	15.3
G376B	05/14/2007	10:00	0	Temperature ($^{\circ}$ C)	26.9
G376B	05/14/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.015
G376B	05/14/2007	10:00	0	Total Phosphorus (mg/L)	0.033
G376B	05/14/2007	10:00	0	Turbidity (NTU)	2.8
G376B	05/21/2007	9:20	0	Conductivity (μ S/cm)	978.1
G376B	05/21/2007	9:20	0	Dissolved Oxygen (mg/L)	4.06
G376B	05/21/2007	9:20	0	pH	7.8
G376B	05/21/2007	9:20	0	Temperature ($^{\circ}$ C)	26.3
G376B	05/21/2007	9:20	0	Total Dissolved Phosphorus (mg/L)	0.015
G376B	05/21/2007	9:20	0	Total Phosphorus (mg/L)	0.031
G376B	05/29/2007	9:15	0	Alkalinity (mg CaCO ₃ /L)	227
G376B	05/29/2007	9:15	0	Ammonia (mg N/L)	0.129

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	05/29/2007	9:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	1046
G376B	05/29/2007	9:15	0	Dissolved Chloride (mg/L)	179
G376B	05/29/2007	9:15	0	Dissolved Oxygen (mg/L)	4.36
G376B	05/29/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.097
G376B	05/29/2007	9:15	0	pH	7.8
G376B	05/29/2007	9:15	0	Sulfate (mg/L)	15
G376B	05/29/2007	9:15	0	Temperature ($^{\circ}\text{C}$)	25.8
G376B	05/29/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.014
G376B	05/29/2007	9:15	0	Total Phosphorus (mg/L)	0.033
G376B	05/29/2007	9:15	0	Turbidity (NTU)	3.8
G376B	06/04/2007	9:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	996.4
G376B	06/04/2007	9:45	0	Dissolved Oxygen (mg/L)	5.11
G376B	06/04/2007	9:45	0	pH	7.8
G376B	06/04/2007	9:45	0	Temperature ($^{\circ}\text{C}$)	26.8
G376B	06/04/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.014
G376B	06/04/2007	9:45	0	Total Phosphorus (mg/L)	0.039
G376B	06/11/2007	9:45	0	Alkalinity (mg CaCO_3/L)	234
G376B	06/11/2007	9:45	0	Ammonia (mg N/L)	0.073
G376B	06/11/2007	9:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	941.3
G376B	06/11/2007	9:45	0	Dissolved Chloride (mg/L)	145
G376B	06/11/2007	9:45	0	Dissolved Oxygen (mg/L)	3.76
G376B	06/11/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.123
G376B	06/11/2007	9:45	0	pH	7.7
G376B	06/11/2007	9:45	0	Sulfate (mg/L)	23.1
G376B	06/11/2007	9:45	0	Temperature ($^{\circ}\text{C}$)	27.7
G376B	06/11/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.011
G376B	06/11/2007	9:45	0	Total Phosphorus (mg/L)	0.03
G376B	06/11/2007	9:45	0	Turbidity (NTU)	3.5
G376B	06/18/2007	10:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	951
G376B	06/18/2007	10:15	0	Dissolved Oxygen (mg/L)	2.15
G376B	06/18/2007	10:15	0	pH	7.4
G376B	06/18/2007	10:15	0	Temperature ($^{\circ}\text{C}$)	27.8
G376B	06/18/2007	10:15	0	Total Dissolved Phosphorus (mg/L)	0.011
G376B	06/18/2007	10:15	0	Total Phosphorus (mg/L)	0.025
G376B	06/25/2007	9:15	0	Alkalinity (mg CaCO_3/L)	301
G376B	06/25/2007	9:15	0	Ammonia (mg N/L)	0.103
G376B	06/25/2007	9:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	1027
G376B	06/25/2007	9:15	0	Dissolved Chloride (mg/L)	132
G376B	06/25/2007	9:15	0	Dissolved Oxygen (mg/L)	1.32
G376B	06/25/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.031
G376B	06/25/2007	9:15	0	pH	7.5
G376B	06/25/2007	9:15	0	Sulfate (mg/L)	53.6
G376B	06/25/2007	9:15	0	Temperature ($^{\circ}\text{C}$)	26.8
G376B	06/25/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.01
G376B	06/25/2007	9:15	0	Total Phosphorus (mg/L)	0.021
G376B	06/25/2007	9:15	0	Turbidity (NTU)	2.5
G376B	06/25/2007	9:20	24	Total Phosphorus (mg/L)	0.026
G376B	07/02/2007	9:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	1031

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	07/02/2007	9:20	0	Dissolved Oxygen (mg/L)	2.34
G376B	07/02/2007	9:20	0	pH	7.7
G376B	07/02/2007	9:20	0	Temperature (°C)	28.9
G376B	07/02/2007	9:20	0	Total Dissolved Phosphorus (mg/L)	0.01
G376B	07/02/2007	9:20	0	Total Phosphorus (mg/L)	0.024
G376B	07/02/2007	9:25	24	Total Phosphorus (mg/L)	0.023
G376B	07/09/2007	9:10	0	Alkalinity (mg CaCO ₃ /L)	252
G376B	07/09/2007	9:10	0	Ammonia (mg N/L)	0.071
G376B	07/09/2007	9:10	0	Conductivity (µS/cm)	965.7
G376B	07/09/2007	9:10	0	Dissolved Chloride (mg/L)	123
G376B	07/09/2007	9:10	0	Dissolved Oxygen (mg/L)	1.16
G376B	07/09/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.062
G376B	07/09/2007	9:10	0	pH	7.5
G376B	07/09/2007	9:10	0	Sulfate (mg/L)	55
G376B	07/09/2007	9:10	0	Temperature (°C)	28.4
G376B	07/09/2007	9:10	0	Total Dissolved Phosphorus (mg/L)	0.012
G376B	07/09/2007	9:10	0	Total Phosphorus (mg/L)	0.021
G376B	07/09/2007	9:10	0	Turbidity (NTU)	0.9
G376B	07/09/2007	9:15	24	Total Phosphorus (mg/L)	0.024
G376B	07/16/2007	9:35	0	Conductivity (µS/cm)	914.2
G376B	07/16/2007	9:35	0	Dissolved Oxygen (mg/L)	1.72
G376B	07/16/2007	9:35	0	pH	7.5
G376B	07/16/2007	9:35	0	Temperature (°C)	29.2
G376B	07/16/2007	9:35	0	Total Dissolved Phosphorus (mg/L)	0.012
G376B	07/16/2007	9:35	0	Total Phosphorus (mg/L)	0.022
G376B	07/16/2007	9:40	24	Total Phosphorus (mg/L)	0.031
G376B	07/23/2007	9:05	0	Alkalinity (mg CaCO ₃ /L)	250
G376B	07/23/2007	9:05	0	Ammonia (mg N/L)	0.09
G376B	07/23/2007	9:05	0	Conductivity (µS/cm)	903
G376B	07/23/2007	9:05	0	Dissolved Chloride (mg/L)	116
G376B	07/23/2007	9:05	0	Dissolved Oxygen (mg/L)	1.78
G376B	07/23/2007	9:05	0	Nitrate + Nitrite (mg N/L)	0.023
G376B	07/23/2007	9:05	0	pH	7.4
G376B	07/23/2007	9:05	0	Sulfate (mg/L)	45.9
G376B	07/23/2007	9:05	0	Temperature (°C)	27.2
G376B	07/23/2007	9:05	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	07/23/2007	9:05	0	Total Phosphorus (mg/L)	0.014
G376B	07/23/2007	9:05	0	Turbidity (NTU)	1
G376B	07/23/2007	9:10	24	Total Phosphorus (mg/L)	0.02
G376B	07/30/2007	9:55	0	Conductivity (µS/cm)	847.8
G376B	07/30/2007	9:55	0	Dissolved Oxygen (mg/L)	1.09
G376B	07/30/2007	9:55	0	pH	7.3
G376B	07/30/2007	9:55	0	Temperature (°C)	29
G376B	07/30/2007	9:55	0	Total Dissolved Phosphorus (mg/L)	0.011
G376B	07/30/2007	9:55	0	Total Phosphorus (mg/L)	0.023
G376B	07/30/2007	10:00	24	Total Phosphorus (mg/L)	0.019
G376B	08/06/2007	9:30	0	Alkalinity (mg CaCO ₃ /L)	276
G376B	08/06/2007	9:30	0	Ammonia (mg N/L)	0.034

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	08/06/2007	9:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	927
G376B	08/06/2007	9:30	0	Dissolved Chloride (mg/L)	102
G376B	08/06/2007	9:30	0	Dissolved Oxygen (mg/L)	1.05
G376B	08/06/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.014
G376B	08/06/2007	9:30	0	pH	7.4
G376B	08/06/2007	9:30	0	Sulfate (mg/L)	55.6
G376B	08/06/2007	9:30	0	Temperature ($^{\circ}\text{C}$)	22.5
G376B	08/06/2007	9:30	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	08/06/2007	9:30	0	Total Phosphorus (mg/L)	0.01
G376B	08/06/2007	9:30	0	Turbidity (NTU)	0.7
G376B	08/06/2007	9:35	24	Total Phosphorus (mg/L)	0.014
G376B	08/13/2007	8:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	850
G376B	08/13/2007	8:50	0	Dissolved Oxygen (mg/L)	2.3
G376B	08/13/2007	8:50	0	pH	7.4
G376B	08/13/2007	8:50	0	Temperature ($^{\circ}\text{C}$)	30
G376B	08/13/2007	8:50	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	08/13/2007	8:50	0	Total Phosphorus (mg/L)	0.016
G376B	08/13/2007	8:55	24	Total Phosphorus (mg/L)	0.023
G376B	08/20/2007	9:15	0	Alkalinity (mg CaCO_3/L)	232
G376B	08/20/2007	9:15	0	Ammonia (mg N/L)	0.119
G376B	08/20/2007	9:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	843.4
G376B	08/20/2007	9:15	0	Dissolved Chloride (mg/L)	102
G376B	08/20/2007	9:15	0	Dissolved Oxygen (mg/L)	3.42
G376B	08/20/2007	9:15	0	Nitrate + Nitrite (mg N/L)	0.044
G376B	08/20/2007	9:15	0	pH	7.7
G376B	08/20/2007	9:15	0	Sulfate (mg/L)	46
G376B	08/20/2007	9:15	0	Temperature ($^{\circ}\text{C}$)	29.6
G376B	08/20/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.007
G376B	08/20/2007	9:15	0	Total Phosphorus (mg/L)	0.015
G376B	08/20/2007	9:15	0	Turbidity (NTU)	1.2
G376B	08/20/2007	9:20	24	Total Phosphorus (mg/L)	0.019
G376B	08/27/2007	9:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	840.6
G376B	08/27/2007	9:20	0	Dissolved Oxygen (mg/L)	2.23
G376B	08/27/2007	9:20	0	pH	7.6
G376B	08/27/2007	9:20	0	Temperature ($^{\circ}\text{C}$)	28.8
G376B	08/27/2007	9:20	0	Total Dissolved Phosphorus (mg/L)	0.009
G376B	08/27/2007	9:20	0	Total Phosphorus (mg/L)	0.018
G376B	09/04/2007	9:00	0	Alkalinity (mg CaCO_3/L)	202
G376B	09/04/2007	9:00	0	Ammonia (mg N/L)	0.126
G376B	09/04/2007	9:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	799.8
G376B	09/04/2007	9:00	0	Dissolved Chloride (mg/L)	104
G376B	09/04/2007	9:00	0	Dissolved Oxygen (mg/L)	1.13
G376B	09/04/2007	9:00	0	Nitrate + Nitrite (mg N/L)	0.108
G376B	09/04/2007	9:00	0	pH	7.6
G376B	09/04/2007	9:00	0	Sulfate (mg/L)	41
G376B	09/04/2007	9:00	0	Temperature ($^{\circ}\text{C}$)	29.4
G376B	09/04/2007	9:00	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	09/04/2007	9:00	0	Total Phosphorus (mg/L)	0.018

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	09/04/2007	9:00	0	Turbidity (NTU)	1.3
G376B	09/10/2007	8:50	0	Conductivity (μ S/cm)	781
G376B	09/10/2007	8:50	0	Dissolved Oxygen (mg/L)	2.08
G376B	09/10/2007	8:50	0	pH	7.5
G376B	09/10/2007	8:50	0	Temperature ($^{\circ}$ C)	28.5
G376B	09/10/2007	8:50	0	Total Dissolved Phosphorus (mg/L)	0.01
G376B	09/10/2007	8:50	0	Total Phosphorus (mg/L)	0.024
G376B	09/17/2007	9:45	0	Alkalinity (mg CaCO ₃ /L)	206
G376B	09/17/2007	9:45	0	Ammonia (mg N/L)	0.1
G376B	09/17/2007	9:45	0	Conductivity (μ S/cm)	815
G376B	09/17/2007	9:45	0	Dissolved Chloride (mg/L)	106
G376B	09/17/2007	9:45	0	Dissolved Oxygen (mg/L)	1.24
G376B	09/17/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.006
G376B	09/17/2007	9:45	0	pH	7.4
G376B	09/17/2007	9:45	0	Sulfate (mg/L)	42.4
G376B	09/17/2007	9:45	0	Temperature ($^{\circ}$ C)	28.4
G376B	09/17/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.009
G376B	09/17/2007	9:45	0	Total Phosphorus (mg/L)	0.019
G376B	09/17/2007	9:45	0	Turbidity (NTU)	0.9
G376B	09/17/2007	9:50	24	Total Phosphorus (mg/L)	0.021
G376B	09/24/2007	9:00	0	Conductivity (μ S/cm)	784
G376B	09/24/2007	9:00	0	Dissolved Oxygen (mg/L)	1.15
G376B	09/24/2007	9:00	0	pH	7.3
G376B	09/24/2007	9:00	0	Temperature ($^{\circ}$ C)	25.8
G376B	09/24/2007	9:00	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	09/24/2007	9:00	0	Total Phosphorus (mg/L)	0.015
G376B	09/24/2007	9:05	24	Total Phosphorus (mg/L)	0.02
G376B	10/01/2007	9:20	0	Alkalinity (mg CaCO ₃ /L)	263
G376B	10/01/2007	9:20	0	Ammonia (mg N/L)	0.08
G376B	10/01/2007	9:20	0	Conductivity (μ S/cm)	972.3
G376B	10/01/2007	9:20	0	Dissolved Chloride (mg/L)	105
G376B	10/01/2007	9:20	0	Dissolved Oxygen (mg/L)	4.21
G376B	10/01/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.042
G376B	10/01/2007	9:20	0	pH	7.7
G376B	10/01/2007	9:20	0	Sulfate (mg/L)	66.3
G376B	10/01/2007	9:20	0	Temperature ($^{\circ}$ C)	26.2
G376B	10/01/2007	9:20	0	Total Dissolved Phosphorus (mg/L)	0.007
G376B	10/01/2007	9:20	0	Total Phosphorus (mg/L)	0.012
G376B	10/01/2007	9:20	0	Turbidity (NTU)	1.1
G376B	10/01/2007	9:25	24	Total Phosphorus (mg/L)	0.016
G376B	10/08/2007	9:15	0	Conductivity (μ S/cm)	986.7
G376B	10/08/2007	9:15	0	Dissolved Oxygen (mg/L)	1.28
G376B	10/08/2007	9:15	0	pH	7.6
G376B	10/08/2007	9:15	0	Temperature ($^{\circ}$ C)	27.5
G376B	10/08/2007	9:15	0	Total Phosphorus (mg/L)	0.016
G376B	10/08/2007	9:20	24	Total Phosphorus (mg/L)	0.018
G376B	10/15/2007	9:20	0	Alkalinity (mg CaCO ₃ /L)	286
G376B	10/15/2007	9:20	0	Ammonia (mg N/L)	0.084

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	10/15/2007	9:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	997.1
G376B	10/15/2007	9:20	0	Dissolved Chloride (mg/L)	113
G376B	10/15/2007	9:20	0	Dissolved Oxygen (mg/L)	3.23
G376B	10/15/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.086
G376B	10/15/2007	9:20	0	pH	7.8
G376B	10/15/2007	9:20	0	Sulfate (mg/L)	65.1
G376B	10/15/2007	9:20	0	Temperature ($^{\circ}\text{C}$)	26.9
G376B	10/15/2007	9:20	0	Total Dissolved Phosphorus (mg/L)	0.009
G376B	10/15/2007	9:20	0	Total Phosphorus (mg/L)	0.015
G376B	10/15/2007	9:20	0	Turbidity (NTU)	1.1
G376B	10/15/2007	9:25	24	Total Phosphorus (mg/L)	0.015
G376B	10/22/2007	9:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	922
G376B	10/22/2007	9:05	0	Dissolved Oxygen (mg/L)	0.44
G376B	10/22/2007	9:05	0	pH	7.4
G376B	10/22/2007	9:05	0	Temperature ($^{\circ}\text{C}$)	27
G376B	10/22/2007	9:05	0	Total Dissolved Phosphorus (mg/L)	0.009
G376B	10/22/2007	9:05	0	Total Phosphorus (mg/L)	0.017
G376B	10/22/2007	9:10	24	Total Phosphorus (mg/L)	0.016
G376B	10/29/2007	9:30	0	Alkalinity (mg CaCO_3/L)	270
G376B	10/29/2007	9:30	0	Ammonia (mg N/L)	0.069
G376B	10/29/2007	9:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	999
G376B	10/29/2007	9:30	0	Dissolved Chloride (mg/L)	115
G376B	10/29/2007	9:30	0	Dissolved Oxygen (mg/L)	3.04
G376B	10/29/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.025
G376B	10/29/2007	9:30	0	pH	7.1
G376B	10/29/2007	9:30	0	Sulfate (mg/L)	64
G376B	10/29/2007	9:30	0	Temperature ($^{\circ}\text{C}$)	26.1
G376B	10/29/2007	9:30	0	Total Dissolved Phosphorus (mg/L)	0.01
G376B	10/29/2007	9:30	0	Total Phosphorus (mg/L)	0.013
G376B	10/29/2007	9:30	0	Turbidity (NTU)	0.7
G376B	10/29/2007	9:35	24	Total Phosphorus (mg/L)	0.016
G376B	11/05/2007	9:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	1004
G376B	11/05/2007	9:25	0	Dissolved Oxygen (mg/L)	4.84
G376B	11/05/2007	9:25	0	pH	7.8
G376B	11/05/2007	9:25	0	Temperature ($^{\circ}\text{C}$)	22.8
G376B	11/05/2007	9:25	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	11/05/2007	9:25	0	Total Phosphorus (mg/L)	0.016
G376B	11/13/2007	9:40	0	Alkalinity (mg CaCO_3/L)	258
G376B	11/13/2007	9:40	0	Ammonia (mg N/L)	0.044
G376B	11/13/2007	9:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	1007
G376B	11/13/2007	9:40	0	Dissolved Chloride (mg/L)	130
G376B	11/13/2007	9:40	0	Dissolved Oxygen (mg/L)	5.11
G376B	11/13/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.05
G376B	11/13/2007	9:40	0	pH	7.6
G376B	11/13/2007	9:40	0	Sulfate (mg/L)	60.2
G376B	11/13/2007	9:40	0	Temperature ($^{\circ}\text{C}$)	21.8
G376B	11/13/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.007
G376B	11/13/2007	9:40	0	Total Phosphorus (mg/L)	0.013

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	11/13/2007	9:40	0	Turbidity (NTU)	1.1
G376B	11/19/2007	9:50	0	Conductivity (μ S/cm)	1024
G376B	11/19/2007	9:50	0	Dissolved Oxygen (mg/L)	4.02
G376B	11/19/2007	9:50	0	pH	7.4
G376B	11/19/2007	9:50	0	Temperature ($^{\circ}$ C)	20.3
G376B	11/19/2007	9:50	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	11/19/2007	9:50	0	Total Phosphorus (mg/L)	0.014
G376B	11/26/2007	9:40	0	Alkalinity (mg CaCO ₃ /L)	258
G376B	11/26/2007	9:40	0	Ammonia (mg N/L)	0.068
G376B	11/26/2007	9:40	0	Conductivity (μ S/cm)	1004
G376B	11/26/2007	9:40	0	Dissolved Chloride (mg/L)	136
G376B	11/26/2007	9:40	0	Dissolved Oxygen (mg/L)	3.29
G376B	11/26/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.066
G376B	11/26/2007	9:40	0	pH	7.5
G376B	11/26/2007	9:40	0	Sulfate (mg/L)	48
G376B	11/26/2007	9:40	0	Temperature ($^{\circ}$ C)	22.8
G376B	11/26/2007	9:40	0	Total Phosphorus (mg/L)	0.012
G376B	11/26/2007	9:40	0	Turbidity (NTU)	0.8
G376B	12/03/2007	9:40	0	Conductivity (μ S/cm)	936.7
G376B	12/03/2007	9:40	0	Dissolved Oxygen (mg/L)	2.65
G376B	12/03/2007	9:40	0	pH	7.4
G376B	12/03/2007	9:40	0	Temperature ($^{\circ}$ C)	23.7
G376B	12/03/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	12/03/2007	9:40	0	Total Phosphorus (mg/L)	0.012
G376B	12/10/2007	9:25	0	Alkalinity (mg CaCO ₃ /L)	239
G376B	12/10/2007	9:25	0	Ammonia (mg N/L)	0.059
G376B	12/10/2007	9:25	0	Conductivity (μ S/cm)	891.3
G376B	12/10/2007	9:25	0	Dissolved Chloride (mg/L)	130
G376B	12/10/2007	9:25	0	Dissolved Oxygen (mg/L)	2.83
G376B	12/10/2007	9:25	0	Nitrate + Nitrite (mg N/L)	0.031
G376B	12/10/2007	9:25	0	pH	7.6
G376B	12/10/2007	9:25	0	Sulfate (mg/L)	31.4
G376B	12/10/2007	9:25	0	Temperature ($^{\circ}$ C)	22.6
G376B	12/10/2007	9:25	0	Total Dissolved Phosphorus (mg/L)	0.006
G376B	12/10/2007	9:25	0	Total Phosphorus (mg/L)	0.013
G376B	12/10/2007	9:25	0	Turbidity (NTU)	0.8
G376B	12/17/2007	9:40	0	Conductivity (μ S/cm)	970
G376B	12/17/2007	9:40	0	Dissolved Oxygen (mg/L)	4.1
G376B	12/17/2007	9:40	0	pH	7.7
G376B	12/17/2007	9:40	0	Temperature ($^{\circ}$ C)	21.1
G376B	12/17/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.009
G376B	12/17/2007	9:40	0	Total Phosphorus (mg/L)	0.016
G376B	12/26/2007	10:00	0	Alkalinity (mg CaCO ₃ /L)	257
G376B	12/26/2007	10:00	0	Ammonia (mg N/L)	0.111
G376B	12/26/2007	10:00	0	Conductivity (μ S/cm)	1000
G376B	12/26/2007	10:00	0	Dissolved Chloride (mg/L)	147
G376B	12/26/2007	10:00	0	Dissolved Oxygen (mg/L)	5.27
G376B	12/26/2007	10:00	0	Nitrate + Nitrite (mg N/L)	0.304

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	12/26/2007	10:00	0	pH	7.8
G376B	12/26/2007	10:00	0	Sulfate (mg/L)	43.5
G376B	12/26/2007	10:00	0	Temperature (°C)	21.8
G376B	12/26/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.01
G376B	12/26/2007	10:00	0	Total Phosphorus (mg/L)	0.019
G376B	12/26/2007	10:00	0	Turbidity (NTU)	1
G376B	12/31/2007	9:15	0	Conductivity (µS/cm)	1017
G376B	12/31/2007	9:15	0	Dissolved Oxygen (mg/L)	4.5
G376B	12/31/2007	9:15	0	Temperature (°C)	23.4
G376B	12/31/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.02
G376B	12/31/2007	9:15	0	Total Phosphorus (mg/L)	0.02
G376B	01/07/2008	9:00	0	Alkalinity (mg CaCO ₃ /L)	264
G376B	01/07/2008	9:00	0	Ammonia (mg N/L)	0.302
G376B	01/07/2008	9:00	0	Conductivity (µS/cm)	1015
G376B	01/07/2008	9:00	0	Dissolved Chloride (mg/L)	154
G376B	01/07/2008	9:00	0	Dissolved Oxygen (mg/L)	7.71
G376B	01/07/2008	9:00	0	Nitrate + Nitrite (mg N/L)	0.287
G376B	01/07/2008	9:00	0	pH	7.9
G376B	01/07/2008	9:00	0	Sulfate (mg/L)	42
G376B	01/07/2008	9:00	0	Temperature (°C)	17.5
G376B	01/07/2008	9:00	0	Total Dissolved Phosphorus (mg/L)	0.013
G376B	01/07/2008	9:00	0	Total Phosphorus (mg/L)	0.022
G376B	01/07/2008	9:00	0	Turbidity (NTU)	1.3
G376B	01/14/2008	9:15	0	Conductivity (µS/cm)	1066
G376B	01/14/2008	9:15	0	Dissolved Oxygen (mg/L)	3.62
G376B	01/14/2008	9:15	0	pH	7.7
G376B	01/14/2008	9:15	0	Temperature (°C)	21.5
G376B	01/14/2008	9:15	0	Total Dissolved Phosphorus (mg/L)	0.015
G376B	01/14/2008	9:15	0	Total Phosphorus (mg/L)	0.026
G376B	01/22/2008	10:05	0	Alkalinity (mg CaCO ₃ /L)	240
G376B	01/22/2008	10:05	0	Ammonia (mg N/L)	0.082
G376B	01/22/2008	10:05	0	Conductivity (µS/cm)	901.7
G376B	01/22/2008	10:05	0	Dissolved Chloride (mg/L)	131
G376B	01/22/2008	10:05	0	Dissolved Oxygen (mg/L)	5.47
G376B	01/22/2008	10:05	0	Nitrate + Nitrite (mg N/L)	0.095
G376B	01/22/2008	10:05	0	pH	8.2
G376B	01/22/2008	10:05	0	Sulfate (mg/L)	23.6
G376B	01/22/2008	10:05	0	Temperature (°C)	19.4
G376B	01/22/2008	10:05	0	Total Dissolved Phosphorus (mg/L)	0.01
G376B	01/22/2008	10:05	0	Total Phosphorus (mg/L)	0.016
G376B	01/22/2008	10:05	0	Turbidity (NTU)	1
G376B	01/28/2008	9:05	0	Conductivity (µS/cm)	1083
G376B	01/28/2008	9:05	0	Dissolved Oxygen (mg/L)	2.52
G376B	01/28/2008	9:05	0	pH	6.9
G376B	01/28/2008	9:05	0	Temperature (°C)	18.7
G376B	01/28/2008	9:05	0	Total Phosphorus (mg/L)	0.015
G376B	02/04/2008	9:40	0	Alkalinity (mg CaCO ₃ /L)	228
G376B	02/04/2008	9:40	0	Ammonia (mg N/L)	0.06

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	02/04/2008	9:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	829
G376B	02/04/2008	9:40	0	Dissolved Chloride (mg/L)	118
G376B	02/04/2008	9:40	0	Dissolved Oxygen (mg/L)	3.4
G376B	02/04/2008	9:40	0	Nitrate + Nitrite (mg N/L)	0.034
G376B	02/04/2008	9:40	0	pH	7.4
G376B	02/04/2008	9:40	0	Sulfate (mg/L)	16.1
G376B	02/04/2008	9:40	0	Temperature ($^{\circ}\text{C}$)	20.7
G376B	02/04/2008	9:40	0	Total Dissolved Phosphorus (mg/L)	0.007
G376B	02/04/2008	9:40	0	Total Phosphorus (mg/L)	0.014
G376B	02/04/2008	9:40	0	Turbidity (NTU)	1
G376B	02/11/2008	9:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	858
G376B	02/11/2008	9:30	0	Dissolved Oxygen (mg/L)	6.5
G376B	02/11/2008	9:30	0	pH	7.6
G376B	02/11/2008	9:30	0	Temperature ($^{\circ}\text{C}$)	21.3
G376B	02/11/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.009
G376B	02/11/2008	9:30	0	Total Phosphorus (mg/L)	0.019
G376B	02/19/2008	9:45	0	Alkalinity (mg CaCO_3/L)	259
G376B	02/19/2008	9:45	0	Ammonia (mg N/L)	0.073
G376B	02/19/2008	9:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	1017
G376B	02/19/2008	9:45	0	Dissolved Chloride (mg/L)	144
G376B	02/19/2008	9:45	0	Dissolved Oxygen (mg/L)	4.7
G376B	02/19/2008	9:45	0	pH	7.5
G376B	02/19/2008	9:45	0	Sulfate (mg/L)	38.3
G376B	02/19/2008	9:45	0	Temperature ($^{\circ}\text{C}$)	23.9
G376B	02/19/2008	9:45	0	Total Dissolved Phosphorus (mg/L)	0.013
G376B	02/19/2008	9:45	0	Total Phosphorus (mg/L)	0.021
G376B	02/19/2008	9:45	0	Turbidity (NTU)	1
G376B	02/19/2008	9:50	24	Total Phosphorus (mg/L)	0.026
G376B	02/25/2008	10:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	1019
G376B	02/25/2008	10:00	0	Dissolved Oxygen (mg/L)	4.32
G376B	02/25/2008	10:00	0	pH	7.6
G376B	02/25/2008	10:00	0	Temperature ($^{\circ}\text{C}$)	25.4
G376B	02/25/2008	10:00	0	Total Dissolved Phosphorus (mg/L)	0.011
G376B	02/25/2008	10:00	0	Total Phosphorus (mg/L)	0.023
G376B	02/25/2008	10:05	24	Total Phosphorus (mg/L)	0.02
G376B	03/03/2008	10:25	0	Alkalinity (mg CaCO_3/L)	258
G376B	03/03/2008	10:25	0	Ammonia (mg N/L)	0.049
G376B	03/03/2008	10:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	1002
G376B	03/03/2008	10:25	0	Dissolved Chloride (mg/L)	140
G376B	03/03/2008	10:25	0	Dissolved Oxygen (mg/L)	6.76
G376B	03/03/2008	10:25	0	pH	7.7
G376B	03/03/2008	10:25	0	Sulfate (mg/L)	42.2
G376B	03/03/2008	10:25	0	Temperature ($^{\circ}\text{C}$)	21.1
G376B	03/03/2008	10:25	0	Total Dissolved Phosphorus (mg/L)	0.009
G376B	03/03/2008	10:25	0	Turbidity (NTU)	1.3
G376B	03/03/2008	10:30	24	Total Phosphorus (mg/L)	0.03
G376B	03/10/2008	9:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	893
G376B	03/10/2008	9:35	0	Dissolved Oxygen (mg/L)	2.26

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	03/10/2008	9:35	0	pH	7.2
G376B	03/10/2008	9:35	0	Temperature (°C)	19.2
G376B	03/10/2008	9:35	0	Total Dissolved Phosphorus (mg/L)	0.011
G376B	03/10/2008	9:35	0	Total Phosphorus (mg/L)	0.014
G376B	03/10/2008	9:40	24	Total Phosphorus (mg/L)	0.019
G376B	03/17/2008	9:25	0	Alkalinity (mg CaCO ₃ /L)	266
G376B	03/17/2008	9:25	0	Ammonia (mg N/L)	0.094
G376B	03/17/2008	9:25	0	Conductivity (µS/cm)	954.2
G376B	03/17/2008	9:25	0	Dissolved Chloride (mg/L)	104
G376B	03/17/2008	9:25	0	Dissolved Oxygen (mg/L)	5.47
G376B	03/17/2008	9:25	0	pH	7.6
G376B	03/17/2008	9:25	0	Sulfate (mg/L)	65
G376B	03/17/2008	9:25	0	Temperature (°C)	26.6
G376B	03/17/2008	9:25	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	03/17/2008	9:25	0	Total Phosphorus (mg/L)	0.014
G376B	03/17/2008	9:25	0	Turbidity (NTU)	0.8
G376B	03/17/2008	9:30	24	Total Phosphorus (mg/L)	0.015
G376B	03/24/2008	10:05	0	Conductivity (µS/cm)	909
G376B	03/24/2008	10:05	0	pH	7.9
G376B	03/24/2008	10:05	0	Temperature (°C)	22.9
G376B	03/24/2008	10:05	0	Total Phosphorus (mg/L)	0.019
G376B	03/31/2008	9:25	0	Alkalinity (mg CaCO ₃ /L)	244
G376B	03/31/2008	9:25	0	Ammonia (mg N/L)	0.041
G376B	03/31/2008	9:25	0	Conductivity (µS/cm)	859.7
G376B	03/31/2008	9:25	0	Dissolved Chloride (mg/L)	97.8
G376B	03/31/2008	9:25	0	Dissolved Oxygen (mg/L)	6.21
G376B	03/31/2008	9:25	0	Nitrate + Nitrite (mg N/L)	0.043
G376B	03/31/2008	9:25	0	pH	7.6
G376B	03/31/2008	9:25	0	Sulfate (mg/L)	55.4
G376B	03/31/2008	9:25	0	Temperature (°C)	24.8
G376B	03/31/2008	9:25	0	Total Phosphorus (mg/L)	0.016
G376B	03/31/2008	9:25	0	Turbidity (NTU)	1.1
G376B	03/31/2008	9:30	24	Total Phosphorus (mg/L)	0.021
G376B	04/07/2008	10:15	0	Conductivity (µS/cm)	616
G376B	04/07/2008	10:15	0	Dissolved Oxygen (mg/L)	5.52
G376B	04/07/2008	10:15	0	pH	7.5
G376B	04/07/2008	10:15	0	Temperature (°C)	23.8
G376B	04/07/2008	10:15	0	Total Dissolved Phosphorus (mg/L)	0.008
G376B	04/07/2008	10:15	0	Total Phosphorus (mg/L)	0.015
G376B	04/07/2008	10:20	24	Total Phosphorus (mg/L)	0.02
G376B	04/14/2008	9:00	0	Alkalinity (mg CaCO ₃ /L)	270
G376B	04/14/2008	9:00	0	Ammonia (mg N/L)	0.042
G376B	04/14/2008	9:00	0	Conductivity (µS/cm)	960
G376B	04/14/2008	9:00	0	Dissolved Chloride (mg/L)	116
G376B	04/14/2008	9:00	0	Dissolved Oxygen (mg/L)	2.74
G376B	04/14/2008	9:00	0	Nitrate + Nitrite (mg N/L)	0.012
G376B	04/14/2008	9:00	0	pH	7.5
G376B	04/14/2008	9:00	0	Sulfate (mg/L)	48.1

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376B	04/14/2008	9:00	0	Temperature (°C)	24.7
G376B	04/14/2008	9:00	0	Total Dissolved Phosphorus (mg/L)	0.007
G376B	04/14/2008	9:00	0	Total Phosphorus (mg/L)	0.011
G376B	04/14/2008	9:00	0	Turbidity (NTU)	1
G376B	04/14/2008	9:05	24	Total Phosphorus (mg/L)	0.014
G376B	04/21/2008	9:40	0	Conductivity (µS/cm)	908
G376B	04/21/2008	9:40	0	Dissolved Oxygen (mg/L)	5.17
G376B	04/21/2008	9:40	0	pH	7.6
G376B	04/21/2008	9:40	0	Temperature (°C)	23.5
G376B	04/21/2008	9:40	0	Total Dissolved Phosphorus (mg/L)	0.007
G376B	04/21/2008	9:40	0	Total Phosphorus (mg/L)	0.017
G376B	04/21/2008	9:45	24	Total Phosphorus (mg/L)	0.013
G376B	04/28/2008	9:15	0	Alkalinity (mg CaCO ₃ /L)	234
G376B	04/28/2008	9:15	0	Ammonia (mg N/L)	0.034
G376B	04/28/2008	9:15	0	Conductivity (µS/cm)	912
G376B	04/28/2008	9:15	0	Dissolved Chloride (mg/L)	118
G376B	04/28/2008	9:15	0	Dissolved Oxygen (mg/L)	4.16
G376B	04/28/2008	9:15	0	Nitrate + Nitrite (mg N/L)	0.032
G376B	04/28/2008	9:15	0	pH	7.8
G376B	04/28/2008	9:15	0	Sulfate (mg/L)	47.2
G376B	04/28/2008	9:15	0	Temperature (°C)	25.6
G376B	04/28/2008	9:15	0	Total Dissolved Phosphorus (mg/L)	0.007
G376B	04/28/2008	9:15	0	Total Phosphorus (mg/L)	0.017
G376B	04/28/2008	9:15	0	Turbidity (NTU)	0.8
G376E	05/07/2007	9:45	0	Conductivity (µS/cm)	902.2
G376E	05/07/2007	9:45	0	Dissolved Oxygen (mg/L)	2.31
G376E	05/07/2007	9:45	0	pH	7.9
G376E	05/07/2007	9:45	0	Temperature (°C)	25.2
G376E	05/07/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.016
G376E	05/07/2007	9:45	0	Total Phosphorus (mg/L)	0.046
G376E	05/14/2007	10:20	0	Alkalinity (mg CaCO ₃ /L)	220
G376E	05/14/2007	10:20	0	Ammonia (mg N/L)	0.15
G376E	05/14/2007	10:20	0	Conductivity (µS/cm)	990.7
G376E	05/14/2007	10:20	0	Dissolved Chloride (mg/L)	168
G376E	05/14/2007	10:20	0	Dissolved Oxygen (mg/L)	3.24
G376E	05/14/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.071
G376E	05/14/2007	10:20	0	pH	7.7
G376E	05/14/2007	10:20	0	Sulfate (mg/L)	9.2
G376E	05/14/2007	10:20	0	Temperature (°C)	25.7
G376E	05/14/2007	10:20	0	Total Dissolved Phosphorus (mg/L)	0.017
G376E	05/14/2007	10:20	0	Total Phosphorus (mg/L)	0.042
G376E	05/14/2007	10:20	0	Turbidity (NTU)	5.9
G376E	05/21/2007	9:45	0	Conductivity (µS/cm)	987.4
G376E	05/21/2007	9:45	0	Dissolved Oxygen (mg/L)	4.26
G376E	05/21/2007	9:45	0	pH	7.9
G376E	05/21/2007	9:45	0	Temperature (°C)	26.6
G376E	05/21/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.02
G376E	05/21/2007	9:45	0	Total Phosphorus (mg/L)	0.043

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	05/29/2007	9:40	0	Alkalinity (mg CaCO ₃ /L)	239
G376E	05/29/2007	9:40	0	Ammonia (mg N/L)	0.242
G376E	05/29/2007	9:40	0	Conductivity (µS/cm)	1065
G376E	05/29/2007	9:40	0	Dissolved Chloride (mg/L)	183
G376E	05/29/2007	9:40	0	Dissolved Oxygen (mg/L)	4.06
G376E	05/29/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.107
G376E	05/29/2007	9:40	0	pH	7.8
G376E	05/29/2007	9:40	0	Sulfate (mg/L)	8.6
G376E	05/29/2007	9:40	0	Temperature (°C)	25.9
G376E	05/29/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.02
G376E	05/29/2007	9:40	0	Total Phosphorus (mg/L)	0.049
G376E	05/29/2007	9:40	0	Turbidity (NTU)	9.1
G376E	06/04/2007	10:10	0	Conductivity (µS/cm)	953.4
G376E	06/04/2007	10:10	0	Dissolved Oxygen (mg/L)	3.17
G376E	06/04/2007	10:10	0	pH	7.7
G376E	06/04/2007	10:10	0	Temperature (°C)	26.3
G376E	06/04/2007	10:10	0	Total Dissolved Phosphorus (mg/L)	0.017
G376E	06/04/2007	10:10	0	Total Phosphorus (mg/L)	0.045
G376E	06/11/2007	10:30	0	Alkalinity (mg CaCO ₃ /L)	240
G376E	06/11/2007	10:30	0	Ammonia (mg N/L)	0.22
G376E	06/11/2007	10:30	0	Conductivity (µS/cm)	962.1
G376E	06/11/2007	10:30	0	Dissolved Chloride (mg/L)	157
G376E	06/11/2007	10:30	0	Dissolved Oxygen (mg/L)	4.55
G376E	06/11/2007	10:30	0	Nitrate + Nitrite (mg N/L)	0.184
G376E	06/11/2007	10:30	0	pH	7.8
G376E	06/11/2007	10:30	0	Sulfate (mg/L)	8.5
G376E	06/11/2007	10:30	0	Temperature (°C)	29.2
G376E	06/11/2007	10:30	0	Total Dissolved Phosphorus (mg/L)	0.017
G376E	06/11/2007	10:30	0	Total Phosphorus (mg/L)	0.053
G376E	06/11/2007	10:30	0	Turbidity (NTU)	7.6
G376E	06/18/2007	10:40	0	Conductivity (µS/cm)	926
G376E	06/18/2007	10:40	0	Dissolved Oxygen (mg/L)	1.91
G376E	06/18/2007	10:40	0	pH	7.4
G376E	06/18/2007	10:40	0	Temperature (°C)	28.1
G376E	06/18/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.015
G376E	06/18/2007	10:40	0	Total Phosphorus (mg/L)	0.047
G376E	06/25/2007	9:45	0	Alkalinity (mg CaCO ₃ /L)	301
G376E	06/25/2007	9:45	0	Ammonia (mg N/L)	0.059
G376E	06/25/2007	9:45	0	Conductivity (µS/cm)	1005
G376E	06/25/2007	9:45	0	Dissolved Chloride (mg/L)	129
G376E	06/25/2007	9:45	0	Dissolved Oxygen (mg/L)	2.56
G376E	06/25/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.01
G376E	06/25/2007	9:45	0	pH	7.6
G376E	06/25/2007	9:45	0	Sulfate (mg/L)	48.9
G376E	06/25/2007	9:45	0	Temperature (°C)	27.7
G376E	06/25/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.012
G376E	06/25/2007	9:45	0	Total Phosphorus (mg/L)	0.029
G376E	06/25/2007	9:45	0	Turbidity (NTU)	5.1

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	06/25/2007	9:50	24	Total Phosphorus (mg/L)	0.031
G376E	07/02/2007	9:45	0	Conductivity (μ S/cm)	1003
G376E	07/02/2007	9:45	0	Dissolved Oxygen (mg/L)	1.75
G376E	07/02/2007	9:45	0	pH	7.7
G376E	07/02/2007	9:45	0	Temperature ($^{\circ}$ C)	29.2
G376E	07/02/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.012
G376E	07/02/2007	9:45	0	Total Phosphorus (mg/L)	0.036
G376E	07/02/2007	9:50	24	Total Phosphorus (mg/L)	0.068
G376E	07/09/2007	10:00	0	Alkalinity (mg CaCO ₃ /L)	234
G376E	07/09/2007	10:00	0	Ammonia (mg N/L)	0.04
G376E	07/09/2007	10:00	0	Conductivity (μ S/cm)	902
G376E	07/09/2007	10:00	0	Dissolved Chloride (mg/L)	115
G376E	07/09/2007	10:00	0	Dissolved Oxygen (mg/L)	1.23
G376E	07/09/2007	10:00	0	Nitrate + Nitrite (mg N/L)	0.005
G376E	07/09/2007	10:00	0	pH	7.8
G376E	07/09/2007	10:00	0	Sulfate (mg/L)	40.7
G376E	07/09/2007	10:00	0	Temperature ($^{\circ}$ C)	28.2
G376E	07/09/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.012
G376E	07/09/2007	10:00	0	Total Phosphorus (mg/L)	0.026
G376E	07/09/2007	10:00	0	Turbidity (NTU)	1.6
G376E	07/09/2007	10:05	24	Total Phosphorus (mg/L)	0.025
G376E	07/16/2007	10:05	0	Conductivity (μ S/cm)	823.6
G376E	07/16/2007	10:05	0	Dissolved Oxygen (mg/L)	2.08
G376E	07/16/2007	10:05	0	pH	7.6
G376E	07/16/2007	10:05	0	Temperature ($^{\circ}$ C)	29.5
G376E	07/16/2007	10:05	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	07/16/2007	10:05	0	Total Phosphorus (mg/L)	0.028
G376E	07/16/2007	10:10	24	Total Phosphorus (mg/L)	0.021
G376E	07/23/2007	9:30	0	Alkalinity (mg CaCO ₃ /L)	237
G376E	07/23/2007	9:30	0	Ammonia (mg N/L)	0.067
G376E	07/23/2007	9:30	0	Conductivity (μ S/cm)	840
G376E	07/23/2007	9:30	0	Dissolved Chloride (mg/L)	104
G376E	07/23/2007	9:30	0	Dissolved Oxygen (mg/L)	1.76
G376E	07/23/2007	9:30	0	Nitrate + Nitrite (mg N/L)	0.005
G376E	07/23/2007	9:30	0	pH	7.4
G376E	07/23/2007	9:30	0	Sulfate (mg/L)	40.7
G376E	07/23/2007	9:30	0	Temperature ($^{\circ}$ C)	26.1
G376E	07/23/2007	9:30	0	Total Dissolved Phosphorus (mg/L)	0.008
G376E	07/23/2007	9:30	0	Total Phosphorus (mg/L)	0.015
G376E	07/23/2007	9:30	0	Turbidity (NTU)	0.7
G376E	07/23/2007	9:35	24	Total Phosphorus (mg/L)	0.017
G376E	07/30/2007	10:25	0	Conductivity (μ S/cm)	726.7
G376E	07/30/2007	10:25	0	Dissolved Oxygen (mg/L)	0.71
G376E	07/30/2007	10:25	0	pH	7.3
G376E	07/30/2007	10:25	0	Temperature ($^{\circ}$ C)	29.1
G376E	07/30/2007	10:25	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	07/30/2007	10:25	0	Total Phosphorus (mg/L)	0.02
G376E	07/30/2007	10:30	24	Total Phosphorus (mg/L)	0.02

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	08/06/2007	9:55	0	Alkalinity (mg CaCO ₃ /L)	266
G376E	08/06/2007	9:55	0	Ammonia (mg N/L)	0.036
G376E	08/06/2007	9:55	0	Conductivity (µS/cm)	908
G376E	08/06/2007	9:55	0	Dissolved Chloride (mg/L)	105
G376E	08/06/2007	9:55	0	Dissolved Oxygen (mg/L)	1.59
G376E	08/06/2007	9:55	0	Nitrate + Nitrite (mg N/L)	0.009
G376E	08/06/2007	9:55	0	pH	7.5
G376E	08/06/2007	9:55	0	Sulfate (mg/L)	49.4
G376E	08/06/2007	9:55	0	Temperature (°C)	29.8
G376E	08/06/2007	9:55	0	Total Dissolved Phosphorus (mg/L)	0.009
G376E	08/06/2007	9:55	0	Total Phosphorus (mg/L)	0.014
G376E	08/06/2007	9:55	0	Turbidity (NTU)	0.8
G376E	08/06/2007	10:00	24	Total Phosphorus (mg/L)	0.018
G376E	08/13/2007	9:20	0	Conductivity (µS/cm)	841
G376E	08/13/2007	9:20	0	Dissolved Oxygen (mg/L)	2.35
G376E	08/13/2007	9:20	0	pH	7.4
G376E	08/13/2007	9:20	0	Temperature (°C)	30.2
G376E	08/13/2007	9:20	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	08/13/2007	9:20	0	Total Phosphorus (mg/L)	0.054
G376E	08/13/2007	9:25	24	Total Phosphorus (mg/L)	0.027
G376E	08/20/2007	9:40	0	Alkalinity (mg CaCO ₃ /L)	228
G376E	08/20/2007	9:40	0	Ammonia (mg N/L)	0.185
G376E	08/20/2007	9:40	0	Conductivity (µS/cm)	827.5
G376E	08/20/2007	9:40	0	Dissolved Chloride (mg/L)	104
G376E	08/20/2007	9:40	0	Dissolved Oxygen (mg/L)	3.07
G376E	08/20/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.036
G376E	08/20/2007	9:40	0	pH	7.7
G376E	08/20/2007	9:40	0	Sulfate (mg/L)	39.6
G376E	08/20/2007	9:40	0	Temperature (°C)	29.9
G376E	08/20/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.009
G376E	08/20/2007	9:40	0	Total Phosphorus (mg/L)	0.024
G376E	08/20/2007	9:40	0	Turbidity (NTU)	3.3
G376E	08/20/2007	9:45	24	Total Phosphorus (mg/L)	0.014
G376E	08/27/2007	9:40	0	Conductivity (µS/cm)	840.3
G376E	08/27/2007	9:40	0	Dissolved Oxygen (mg/L)	2.57
G376E	08/27/2007	9:40	0	pH	7.6
G376E	08/27/2007	9:40	0	Temperature (°C)	29.5
G376E	08/27/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.009
G376E	08/27/2007	9:40	0	Total Phosphorus (mg/L)	0.027
G376E	09/04/2007	9:25	0	Alkalinity (mg CaCO ₃ /L)	211
G376E	09/04/2007	9:25	0	Ammonia (mg N/L)	0.168
G376E	09/04/2007	9:25	0	Conductivity (µS/cm)	821.5
G376E	09/04/2007	9:25	0	Dissolved Chloride (mg/L)	109
G376E	09/04/2007	9:25	0	Dissolved Oxygen (mg/L)	1.6
G376E	09/04/2007	9:25	0	Nitrate + Nitrite (mg N/L)	0.065
G376E	09/04/2007	9:25	0	pH	7.6
G376E	09/04/2007	9:25	0	Sulfate (mg/L)	36.5
G376E	09/04/2007	9:25	0	Temperature (°C)	29.7

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	09/04/2007	9:25	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	09/04/2007	9:25	0	Total Phosphorus (mg/L)	0.027
G376E	09/04/2007	9:25	0	Turbidity (NTU)	2.2
G376E	09/10/2007	9:15	0	Conductivity (μ S/cm)	807
G376E	09/10/2007	9:15	0	Dissolved Oxygen (mg/L)	2.72
G376E	09/10/2007	9:15	0	pH	7.5
G376E	09/10/2007	9:15	0	Temperature ($^{\circ}$ C)	28.6
G376E	09/10/2007	9:15	0	Total Dissolved Phosphorus (mg/L)	0.012
G376E	09/10/2007	9:15	0	Total Phosphorus (mg/L)	0.027
G376E	09/17/2007	10:20	0	Alkalinity (mg CaCO ₃ /L)	209
G376E	09/17/2007	10:20	0	Ammonia (mg N/L)	0.059
G376E	09/17/2007	10:20	0	Conductivity (μ S/cm)	775
G376E	09/17/2007	10:20	0	Dissolved Chloride (mg/L)	99
G376E	09/17/2007	10:20	0	Dissolved Oxygen (mg/L)	2.14
G376E	09/17/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.006
G376E	09/17/2007	10:20	0	pH	7.5
G376E	09/17/2007	10:20	0	Sulfate (mg/L)	29.5
G376E	09/17/2007	10:20	0	Temperature ($^{\circ}$ C)	28.5
G376E	09/17/2007	10:20	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	09/17/2007	10:20	0	Total Phosphorus (mg/L)	0.027
G376E	09/17/2007	10:20	0	Turbidity (NTU)	1.7
G376E	09/17/2007	10:25	24	Total Phosphorus (mg/L)	0.024
G376E	09/24/2007	9:25	0	Conductivity (μ S/cm)	758
G376E	09/24/2007	9:25	0	Dissolved Oxygen (mg/L)	1.57
G376E	09/24/2007	9:25	0	pH	7.3
G376E	09/24/2007	9:25	0	Temperature ($^{\circ}$ C)	25.9
G376E	09/24/2007	9:25	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	09/24/2007	9:25	0	Total Phosphorus (mg/L)	0.019
G376E	09/24/2007	9:30	24	Total Phosphorus (mg/L)	0.018
G376E	10/01/2007	9:50	0	Alkalinity (mg CaCO ₃ /L)	278
G376E	10/01/2007	9:50	0	Ammonia (mg N/L)	0.088
G376E	10/01/2007	9:50	0	Conductivity (μ S/cm)	965.5
G376E	10/01/2007	9:50	0	Dissolved Chloride (mg/L)	106
G376E	10/01/2007	9:50	0	Dissolved Oxygen (mg/L)	3.45
G376E	10/01/2007	9:50	0	Nitrate + Nitrite (mg N/L)	0.024
G376E	10/01/2007	9:50	0	pH	7.7
G376E	10/01/2007	9:50	0	Sulfate (mg/L)	61.3
G376E	10/01/2007	9:50	0	Temperature ($^{\circ}$ C)	25.3
G376E	10/01/2007	9:50	0	Total Dissolved Phosphorus (mg/L)	0.008
G376E	10/01/2007	9:50	0	Total Phosphorus (mg/L)	0.015
G376E	10/01/2007	9:50	0	Turbidity (NTU)	1.2
G376E	10/01/2007	9:55	24	Total Phosphorus (mg/L)	0.019
G376E	10/08/2007	9:40	0	Conductivity (μ S/cm)	996.6
G376E	10/08/2007	9:40	0	Dissolved Oxygen (mg/L)	1.69
G376E	10/08/2007	9:40	0	pH	7.6
G376E	10/08/2007	9:40	0	Temperature ($^{\circ}$ C)	27.5
G376E	10/08/2007	9:40	0	Total Phosphorus (mg/L)	0.014
G376E	10/08/2007	9:45	24	Total Phosphorus (mg/L)	0.015

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	10/15/2007	9:50	0	Alkalinity (mg CaCO ₃ /L)	303
G376E	10/15/2007	9:50	0	Ammonia (mg N/L)	0.108
G376E	10/15/2007	9:50	0	Conductivity (μS/cm)	1044
G376E	10/15/2007	9:50	0	Dissolved Chloride (mg/L)	118
G376E	10/15/2007	9:50	0	Dissolved Oxygen (mg/L)	4.82
G376E	10/15/2007	9:50	0	Nitrate + Nitrite (mg N/L)	0.075
G376E	10/15/2007	9:50	0	pH	7.9
G376E	10/15/2007	9:50	0	Sulfate (mg/L)	66.1
G376E	10/15/2007	9:50	0	Temperature (°C)	26.3
G376E	10/15/2007	9:50	0	Total Dissolved Phosphorus (mg/L)	0.011
G376E	10/15/2007	9:50	0	Total Phosphorus (mg/L)	0.025
G376E	10/15/2007	9:50	0	Turbidity (NTU)	1.7
G376E	10/22/2007	9:30	0	Conductivity (μS/cm)	919
G376E	10/22/2007	9:30	0	Dissolved Oxygen (mg/L)	1.2
G376E	10/22/2007	9:30	0	pH	7.4
G376E	10/22/2007	9:30	0	Temperature (°C)	26.6
G376E	10/22/2007	9:30	0	Total Dissolved Phosphorus (mg/L)	0.011
G376E	10/22/2007	9:30	0	Total Phosphorus (mg/L)	0.023
G376E	10/29/2007	9:55	0	Alkalinity (mg CaCO ₃ /L)	272
G376E	10/29/2007	9:55	0	Ammonia (mg N/L)	0.094
G376E	10/29/2007	9:55	0	Conductivity (μS/cm)	1025
G376E	10/29/2007	9:55	0	Dissolved Chloride (mg/L)	121
G376E	10/29/2007	9:55	0	Dissolved Oxygen (mg/L)	3.23
G376E	10/29/2007	9:55	0	Nitrate + Nitrite (mg N/L)	0.02
G376E	10/29/2007	9:55	0	pH	7.5
G376E	10/29/2007	9:55	0	Sulfate (mg/L)	66.9
G376E	10/29/2007	9:55	0	Temperature (°C)	25.9
G376E	10/29/2007	9:55	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	10/29/2007	9:55	0	Total Phosphorus (mg/L)	0.017
G376E	10/29/2007	9:55	0	Turbidity (NTU)	1.4
G376E	10/29/2007	10:00	24	Total Phosphorus (mg/L)	0.021
G376E	11/05/2007	10:10	0	Conductivity (μS/cm)	1031
G376E	11/05/2007	10:10	0	Dissolved Oxygen (mg/L)	6.78
G376E	11/05/2007	10:10	0	pH	8
G376E	11/05/2007	10:10	0	Temperature (°C)	22.5
G376E	11/05/2007	10:10	0	Total Dissolved Phosphorus (mg/L)	0.011
G376E	11/05/2007	10:10	0	Total Phosphorus (mg/L)	0.021
G376E	11/05/2007	10:15	24	Total Phosphorus (mg/L)	0.018
G376E	11/13/2007	10:10	0	Alkalinity (mg CaCO ₃ /L)	280
G376E	11/13/2007	10:10	0	Ammonia (mg N/L)	0.084
G376E	11/13/2007	10:10	0	Conductivity (μS/cm)	1034
G376E	11/13/2007	10:10	0	Dissolved Chloride (mg/L)	132
G376E	11/13/2007	10:10	0	Dissolved Oxygen (mg/L)	6.34
G376E	11/13/2007	10:10	0	Nitrate + Nitrite (mg N/L)	0.096
G376E	11/13/2007	10:10	0	pH	7.9
G376E	11/13/2007	10:10	0	Sulfate (mg/L)	60.8
G376E	11/13/2007	10:10	0	Temperature (°C)	22.3
G376E	11/13/2007	10:10	0	Total Dissolved Phosphorus (mg/L)	0.011

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	11/13/2007	10:10	0	Total Phosphorus (mg/L)	0.024
G376E	11/13/2007	10:10	0	Turbidity (NTU)	1.9
G376E	11/19/2007	10:15	0	Conductivity (μ S/cm)	1022
G376E	11/19/2007	10:15	0	Dissolved Oxygen (mg/L)	5.51
G376E	11/19/2007	10:15	0	pH	7.5
G376E	11/19/2007	10:15	0	Temperature ($^{\circ}$ C)	21.1
G376E	11/19/2007	10:15	0	Total Dissolved Phosphorus (mg/L)	0.009
G376E	11/19/2007	10:15	0	Total Phosphorus (mg/L)	0.02
G376E	11/26/2007	10:05	0	Alkalinity (mg CaCO ₃ /L)	268
G376E	11/26/2007	10:05	0	Ammonia (mg N/L)	0.091
G376E	11/26/2007	10:05	0	Conductivity (μ S/cm)	1013
G376E	11/26/2007	10:05	0	Dissolved Chloride (mg/L)	127
G376E	11/26/2007	10:05	0	Dissolved Oxygen (mg/L)	3.61
G376E	11/26/2007	10:05	0	Nitrate + Nitrite (mg N/L)	0.149
G376E	11/26/2007	10:05	0	pH	7.6
G376E	11/26/2007	10:05	0	Sulfate (mg/L)	51.6
G376E	11/26/2007	10:05	0	Temperature ($^{\circ}$ C)	23.4
G376E	11/26/2007	10:05	0	Total Phosphorus (mg/L)	0.019
G376E	11/26/2007	10:05	0	Turbidity (NTU)	1.4
G376E	12/03/2007	10:00	0	Conductivity (μ S/cm)	1002
G376E	12/03/2007	10:00	0	Dissolved Oxygen (mg/L)	2.94
G376E	12/03/2007	10:00	0	pH	7.5
G376E	12/03/2007	10:00	0	Temperature ($^{\circ}$ C)	24.6
G376E	12/03/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.008
G376E	12/03/2007	10:00	0	Total Phosphorus (mg/L)	0.02
G376E	12/10/2007	9:40	0	Alkalinity (mg CaCO ₃ /L)	273
G376E	12/10/2007	9:40	0	Ammonia (mg N/L)	0.276
G376E	12/10/2007	9:40	0	Conductivity (μ S/cm)	979.9
G376E	12/10/2007	9:40	0	Dissolved Chloride (mg/L)	134
G376E	12/10/2007	9:40	0	Dissolved Oxygen (mg/L)	2.48
G376E	12/10/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.21
G376E	12/10/2007	9:40	0	pH	7.6
G376E	12/10/2007	9:40	0	Sulfate (mg/L)	43.7
G376E	12/10/2007	9:40	0	Temperature ($^{\circ}$ C)	23.8
G376E	12/10/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.008
G376E	12/10/2007	9:40	0	Total Phosphorus (mg/L)	0.026
G376E	12/10/2007	9:40	0	Turbidity (NTU)	1.9
G376E	12/17/2007	10:00	0	Conductivity (μ S/cm)	995
G376E	12/17/2007	10:00	0	Dissolved Oxygen (mg/L)	4.13
G376E	12/17/2007	10:00	0	pH	7.8
G376E	12/17/2007	10:00	0	Temperature ($^{\circ}$ C)	21.2
G376E	12/17/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.011
G376E	12/17/2007	10:00	0	Total Phosphorus (mg/L)	0.02
G376E	12/26/2007	10:45	0	Alkalinity (mg CaCO ₃ /L)	264
G376E	12/26/2007	10:45	0	Ammonia (mg N/L)	0.127
G376E	12/26/2007	10:45	0	Conductivity (μ S/cm)	1027
G376E	12/26/2007	10:45	0	Dissolved Chloride (mg/L)	150
G376E	12/26/2007	10:45	0	Dissolved Oxygen (mg/L)	4.37

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	12/26/2007	10:45	0	Nitrate + Nitrite (mg N/L)	0.418
G376E	12/26/2007	10:45	0	pH	7.8
G376E	12/26/2007	10:45	0	Sulfate (mg/L)	45.2
G376E	12/26/2007	10:45	0	Temperature (°C)	22.1
G376E	12/26/2007	10:45	0	Total Dissolved Phosphorus (mg/L)	0.016
G376E	12/26/2007	10:45	0	Total Phosphorus (mg/L)	0.034
G376E	12/26/2007	10:45	0	Turbidity (NTU)	1.9
G376E	12/31/2007	9:30	0	Conductivity (µS/cm)	1023
G376E	12/31/2007	9:30	0	Dissolved Oxygen (mg/L)	4.46
G376E	12/31/2007	9:30	0	Temperature (°C)	23.8
G376E	12/31/2007	9:30	0	Total Dissolved Phosphorus (mg/L)	0.029
G376E	12/31/2007	9:30	0	Total Phosphorus (mg/L)	0.03
G376E	01/07/2008	9:30	0	Alkalinity (mg CaCO ₃ /L)	275
G376E	01/07/2008	9:30	0	Ammonia (mg N/L)	0.315
G376E	01/07/2008	9:30	0	Conductivity (µS/cm)	1046
G376E	01/07/2008	9:30	0	Dissolved Chloride (mg/L)	157
G376E	01/07/2008	9:30	0	Dissolved Oxygen (mg/L)	7.22
G376E	01/07/2008	9:30	0	Nitrate + Nitrite (mg N/L)	0.301
G376E	01/07/2008	9:30	0	pH	8
G376E	01/07/2008	9:30	0	Sulfate (mg/L)	39
G376E	01/07/2008	9:30	0	Temperature (°C)	19.1
G376E	01/07/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.03
G376E	01/07/2008	9:30	0	Total Phosphorus (mg/L)	0.059
G376E	01/07/2008	9:30	0	Turbidity (NTU)	2.2
G376E	01/14/2008	9:40	0	Conductivity (µS/cm)	1075
G376E	01/14/2008	9:40	0	Dissolved Oxygen (mg/L)	2.47
G376E	01/14/2008	9:40	0	pH	7.7
G376E	01/14/2008	9:40	0	Temperature (°C)	21.8
G376E	01/14/2008	9:40	0	Total Dissolved Phosphorus (mg/L)	0.03
G376E	01/14/2008	9:40	0	Total Phosphorus (mg/L)	0.057
G376E	01/22/2008	10:30	0	Alkalinity (mg CaCO ₃ /L)	272
G376E	01/22/2008	10:30	0	Ammonia (mg N/L)	0.216
G376E	01/22/2008	10:30	0	Conductivity (µS/cm)	1027
G376E	01/22/2008	10:30	0	Dissolved Chloride (mg/L)	154
G376E	01/22/2008	10:30	0	Dissolved Oxygen (mg/L)	4.59
G376E	01/22/2008	10:30	0	Nitrate + Nitrite (mg N/L)	0.296
G376E	01/22/2008	10:30	0	pH	8.3
G376E	01/22/2008	10:30	0	Sulfate (mg/L)	32
G376E	01/22/2008	10:30	0	Temperature (°C)	19.1
G376E	01/22/2008	10:30	0	Total Dissolved Phosphorus (mg/L)	0.032
G376E	01/22/2008	10:30	0	Total Phosphorus (mg/L)	0.057
G376E	01/22/2008	10:30	0	Turbidity (NTU)	4.5
G376E	01/28/2008	9:30	0	Conductivity (µS/cm)	990
G376E	01/28/2008	9:30	0	Dissolved Oxygen (mg/L)	3.1
G376E	01/28/2008	9:30	0	pH	6.9
G376E	01/28/2008	9:30	0	Temperature (°C)	18.8
G376E	01/28/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.017
G376E	01/28/2008	9:30	0	Total Phosphorus (mg/L)	0.035

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	02/04/2008	10:10	0	Alkalinity (mg CaCO ₃ /L)	257
G376E	02/04/2008	10:10	0	Ammonia (mg N/L)	0.097
G376E	02/04/2008	10:10	0	Conductivity (µS/cm)	930
G376E	02/04/2008	10:10	0	Dissolved Chloride (mg/L)	131
G376E	02/04/2008	10:10	0	Dissolved Oxygen (mg/L)	2.9
G376E	02/04/2008	10:10	0	Nitrate + Nitrite (mg N/L)	0.085
G376E	02/04/2008	10:10	0	pH	7.5
G376E	02/04/2008	10:10	0	Sulfate (mg/L)	24.6
G376E	02/04/2008	10:10	0	Temperature (°C)	22.1
G376E	02/04/2008	10:10	0	Total Dissolved Phosphorus (mg/L)	0.011
G376E	02/04/2008	10:10	0	Total Phosphorus (mg/L)	0.028
G376E	02/04/2008	10:10	0	Turbidity (NTU)	2.3
G376E	02/11/2008	9:50	0	Conductivity (µS/cm)	963
G376E	02/11/2008	9:50	0	Dissolved Oxygen (mg/L)	6.71
G376E	02/11/2008	9:50	0	pH	7.7
G376E	02/11/2008	9:50	0	Temperature (°C)	21.4
G376E	02/11/2008	9:50	0	Total Dissolved Phosphorus (mg/L)	0.013
G376E	02/11/2008	9:50	0	Total Phosphorus (mg/L)	0.038
G376E	02/19/2008	10:25	0	Alkalinity (mg CaCO ₃ /L)	270
G376E	02/19/2008	10:25	0	Ammonia (mg N/L)	0.069
G376E	02/19/2008	10:25	0	Conductivity (µS/cm)	1014
G376E	02/19/2008	10:25	0	Dissolved Chloride (mg/L)	140
G376E	02/19/2008	10:25	0	Dissolved Oxygen (mg/L)	4.73
G376E	02/19/2008	10:25	0	pH	7.6
G376E	02/19/2008	10:25	0	Sulfate (mg/L)	37.6
G376E	02/19/2008	10:25	0	Temperature (°C)	24.1
G376E	02/19/2008	10:25	0	Total Dissolved Phosphorus (mg/L)	0.012
G376E	02/19/2008	10:25	0	Total Phosphorus (mg/L)	0.025
G376E	02/19/2008	10:25	0	Turbidity (NTU)	1.6
G376E	02/19/2008	10:30	24	Total Phosphorus (mg/L)	0.028
G376E	02/25/2008	10:35	0	Conductivity (µS/cm)	1009
G376E	02/25/2008	10:35	0	Dissolved Oxygen (mg/L)	3.31
G376E	02/25/2008	10:35	0	pH	7.6
G376E	02/25/2008	10:35	0	Temperature (°C)	25.5
G376E	02/25/2008	10:35	0	Total Dissolved Phosphorus (mg/L)	0.012
G376E	02/25/2008	10:35	0	Total Phosphorus (mg/L)	0.033
G376E	02/25/2008	10:40	24	Total Phosphorus (mg/L)	0.026
G376E	03/03/2008	11:15	0	Alkalinity (mg CaCO ₃ /L)	267
G376E	03/03/2008	11:15	0	Ammonia (mg N/L)	0.039
G376E	03/03/2008	11:15	0	Conductivity (µS/cm)	986.3
G376E	03/03/2008	11:15	0	Dissolved Chloride (mg/L)	130
G376E	03/03/2008	11:15	0	Dissolved Oxygen (mg/L)	6.72
G376E	03/03/2008	11:15	0	pH	7.7
G376E	03/03/2008	11:15	0	Sulfate (mg/L)	44.8
G376E	03/03/2008	11:15	0	Temperature (°C)	21.8
G376E	03/03/2008	11:15	0	Total Dissolved Phosphorus (mg/L)	0.014
G376E	03/03/2008	11:15	0	Total Phosphorus (mg/L)	0.026
G376E	03/03/2008	11:15	0	Turbidity (NTU)	0.9

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	03/03/2008	11:20	24	Total Phosphorus (mg/L)	0.025
G376E	03/10/2008	10:15	0	Conductivity (μ S/cm)	896
G376E	03/10/2008	10:15	0	Dissolved Oxygen (mg/L)	3.72
G376E	03/10/2008	10:15	0	pH	7.4
G376E	03/10/2008	10:15	0	Temperature ($^{\circ}$ C)	18.8
G376E	03/10/2008	10:15	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	03/10/2008	10:15	0	Total Phosphorus (mg/L)	0.015
G376E	03/17/2008	10:00	0	Alkalinity (mg CaCO ₃ /L)	269
G376E	03/17/2008	10:00	0	Ammonia (mg N/L)	0.141
G376E	03/17/2008	10:00	0	Conductivity (μ S/cm)	967.6
G376E	03/17/2008	10:00	0	Dissolved Chloride (mg/L)	108
G376E	03/17/2008	10:00	0	Dissolved Oxygen (mg/L)	5.02
G376E	03/17/2008	10:00	0	Nitrate + Nitrite (mg N/L)	0.238
G376E	03/17/2008	10:00	0	pH	7.7
G376E	03/17/2008	10:00	0	Sulfate (mg/L)	64
G376E	03/17/2008	10:00	0	Temperature ($^{\circ}$ C)	26.2
G376E	03/17/2008	10:00	0	Total Dissolved Phosphorus (mg/L)	0.011
G376E	03/17/2008	10:00	0	Total Phosphorus (mg/L)	0.021
G376E	03/17/2008	10:00	0	Turbidity (NTU)	1.4
G376E	03/17/2008	10:05	24	Total Phosphorus (mg/L)	0.018
G376E	03/24/2008	10:30	0	Conductivity (μ S/cm)	816.6
G376E	03/24/2008	10:30	0	pH	7.7
G376E	03/24/2008	10:30	0	Temperature ($^{\circ}$ C)	22.8
G376E	03/24/2008	10:30	0	Total Phosphorus (mg/L)	0.028
G376E	03/31/2008	10:00	0	Alkalinity (mg CaCO ₃ /L)	253
G376E	03/31/2008	10:00	0	Ammonia (mg N/L)	0.034
G376E	03/31/2008	10:00	0	Conductivity (μ S/cm)	883.2
G376E	03/31/2008	10:00	0	Dissolved Chloride (mg/L)	103
G376E	03/31/2008	10:00	0	Dissolved Oxygen (mg/L)	5.84
G376E	03/31/2008	10:00	0	pH	7.8
G376E	03/31/2008	10:00	0	Sulfate (mg/L)	52.5
G376E	03/31/2008	10:00	0	Temperature ($^{\circ}$ C)	25.4
G376E	03/31/2008	10:00	0	Total Phosphorus (mg/L)	0.026
G376E	03/31/2008	10:00	0	Turbidity (NTU)	2.1
G376E	03/31/2008	10:05	24	Total Phosphorus (mg/L)	0.02
G376E	04/07/2008	10:40	0	Conductivity (μ S/cm)	636
G376E	04/07/2008	10:40	0	Dissolved Oxygen (mg/L)	5.35
G376E	04/07/2008	10:40	0	pH	7.8
G376E	04/07/2008	10:40	0	Temperature ($^{\circ}$ C)	24.1
G376E	04/07/2008	10:40	0	Total Dissolved Phosphorus (mg/L)	0.008
G376E	04/07/2008	10:40	0	Total Phosphorus (mg/L)	0.02
G376E	04/07/2008	10:45	24	Total Phosphorus (mg/L)	0.021
G376E	04/14/2008	9:30	0	Alkalinity (mg CaCO ₃ /L)	261
G376E	04/14/2008	9:30	0	Ammonia (mg N/L)	0.032
G376E	04/14/2008	9:30	0	Conductivity (μ S/cm)	919
G376E	04/14/2008	9:30	0	Dissolved Chloride (mg/L)	110
G376E	04/14/2008	9:30	0	Dissolved Oxygen (mg/L)	3.71
G376E	04/14/2008	9:30	0	Nitrate + Nitrite (mg N/L)	0.029

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G376E	04/14/2008	9:30	0	pH	7.6
G376E	04/14/2008	9:30	0	Sulfate (mg/L)	49.4
G376E	04/14/2008	9:30	0	Temperature (°C)	23.9
G376E	04/14/2008	9:30	0	Total Dissolved Phosphorus (mg/L)	0.007
G376E	04/14/2008	9:30	0	Total Phosphorus (mg/L)	0.015
G376E	04/14/2008	9:30	0	Turbidity (NTU)	1.2
G376E	04/14/2008	9:35	24	Total Phosphorus (mg/L)	0.016
G376E	04/21/2008	10:15	0	Conductivity (µS/cm)	923
G376E	04/21/2008	10:15	0	Dissolved Oxygen (mg/L)	5.31
G376E	04/21/2008	10:15	0	pH	7.8
G376E	04/21/2008	10:15	0	Temperature (°C)	23.5
G376E	04/21/2008	10:15	0	Total Dissolved Phosphorus (mg/L)	0.006
G376E	04/21/2008	10:15	0	Total Phosphorus (mg/L)	0.018
G376E	04/28/2008	9:40	0	Alkalinity (mg CaCO ₃ /L)	254
G376E	04/28/2008	9:40	0	Ammonia (mg N/L)	0.041
G376E	04/28/2008	9:40	0	Conductivity (µS/cm)	944
G376E	04/28/2008	9:40	0	Dissolved Chloride (mg/L)	117
G376E	04/28/2008	9:40	0	Dissolved Oxygen (mg/L)	4.46
G376E	04/28/2008	9:40	0	Nitrate + Nitrite (mg N/L)	0.024
G376E	04/28/2008	9:40	0	pH	8
G376E	04/28/2008	9:40	0	Sulfate (mg/L)	48
G376E	04/28/2008	9:40	0	Temperature (°C)	26
G376E	04/28/2008	9:40	0	Total Dissolved Phosphorus (mg/L)	0.01
G376E	04/28/2008	9:40	0	Total Phosphorus (mg/L)	0.021
G376E	04/28/2008	9:40	0	Turbidity (NTU)	0.9
G379B	05/07/2007	10:10	0	Conductivity (µS/cm)	1002
G379B	05/07/2007	10:10	0	Dissolved Oxygen (mg/L)	4.45
G379B	05/07/2007	10:10	0	pH	8
G379B	05/07/2007	10:10	0	Temperature (°C)	25.1
G379B	05/07/2007	10:10	0	Total Dissolved Phosphorus (mg/L)	0.019
G379B	05/07/2007	10:10	0	Total Phosphorus (mg/L)	0.052
G379B	05/14/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	190
G379B	05/14/2007	10:40	0	Ammonia (mg N/L)	0.143
G379B	05/14/2007	10:40	0	Conductivity (µS/cm)	1003
G379B	05/14/2007	10:40	0	Dissolved Chloride (mg/L)	184
G379B	05/14/2007	10:40	0	Dissolved Oxygen (mg/L)	2.85
G379B	05/14/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.046
G379B	05/14/2007	10:40	0	pH	7.8
G379B	05/14/2007	10:40	0	Sulfate (mg/L)	10.2
G379B	05/14/2007	10:40	0	Temperature (°C)	25.7
G379B	05/14/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.023
G379B	05/14/2007	10:40	0	Total Phosphorus (mg/L)	0.05
G379B	05/14/2007	10:40	0	Turbidity (NTU)	5
G379B	05/21/2007	10:00	0	Conductivity (µS/cm)	1030
G379B	05/21/2007	10:00	0	Dissolved Oxygen (mg/L)	6.02
G379B	05/21/2007	10:00	0	pH	8.2
G379B	05/21/2007	10:00	0	Temperature (°C)	26.7
G379B	05/21/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.022

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	05/21/2007	10:00	0	Total Phosphorus (mg/L)	0.052
G379B	05/29/2007	10:00	0	Alkalinity (mg CaCO ₃ /L)	180
G379B	05/29/2007	10:00	0	Ammonia (mg N/L)	0.129
G379B	05/29/2007	10:00	0	Conductivity (μS/cm)	1013
G379B	05/29/2007	10:00	0	Dissolved Chloride (mg/L)	194
G379B	05/29/2007	10:00	0	Dissolved Oxygen (mg/L)	6.11
G379B	05/29/2007	10:00	0	Nitrate + Nitrite (mg N/L)	0.03
G379B	05/29/2007	10:00	0	pH	8.3
G379B	05/29/2007	10:00	0	Sulfate (mg/L)	11.6
G379B	05/29/2007	10:00	0	Temperature (°C)	27.3
G379B	05/29/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.02
G379B	05/29/2007	10:00	0	Total Phosphorus (mg/L)	0.048
G379B	05/29/2007	10:00	0	Turbidity (NTU)	7.6
G379B	06/04/2007	10:30	0	Conductivity (μS/cm)	862.4
G379B	06/04/2007	10:30	0	Dissolved Oxygen (mg/L)	5.29
G379B	06/04/2007	10:30	0	pH	8.4
G379B	06/04/2007	10:30	0	Temperature (°C)	27.9
G379B	06/04/2007	10:30	0	Total Dissolved Phosphorus (mg/L)	0.018
G379B	06/04/2007	10:30	0	Total Phosphorus (mg/L)	0.038
G379B	06/11/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	156
G379B	06/11/2007	11:00	0	Ammonia (mg N/L)	0.079
G379B	06/11/2007	11:00	0	Conductivity (μS/cm)	801
G379B	06/11/2007	11:00	0	Dissolved Chloride (mg/L)	148
G379B	06/11/2007	11:00	0	Dissolved Oxygen (mg/L)	4.47
G379B	06/11/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.105
G379B	06/11/2007	11:00	0	pH	7.9
G379B	06/11/2007	11:00	0	Sulfate (mg/L)	9.2
G379B	06/11/2007	11:00	0	Temperature (°C)	29.4
G379B	06/11/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.017
G379B	06/11/2007	11:00	0	Total Phosphorus (mg/L)	0.048
G379B	06/11/2007	11:00	0	Turbidity (NTU)	3.7
G379B	06/18/2007	10:55	0	Conductivity (μS/cm)	674
G379B	06/18/2007	10:55	0	Dissolved Oxygen (mg/L)	4.44
G379B	06/18/2007	10:55	0	pH	8.2
G379B	06/18/2007	10:55	0	Temperature (°C)	28.1
G379B	06/18/2007	10:55	0	Total Dissolved Phosphorus (mg/L)	0.015
G379B	06/18/2007	10:55	0	Total Phosphorus (mg/L)	0.033
G379B	06/25/2007	10:10	0	Alkalinity (mg CaCO ₃ /L)	161
G379B	06/25/2007	10:10	0	Ammonia (mg N/L)	0.035
G379B	06/25/2007	10:10	0	Conductivity (μS/cm)	694.7
G379B	06/25/2007	10:10	0	Dissolved Chloride (mg/L)	95.8
G379B	06/25/2007	10:10	0	Dissolved Oxygen (mg/L)	3.85
G379B	06/25/2007	10:10	0	Nitrate + Nitrite (mg N/L)	0.022
G379B	06/25/2007	10:10	0	pH	8
G379B	06/25/2007	10:10	0	Sulfate (mg/L)	53.2
G379B	06/25/2007	10:10	0	Temperature (°C)	29.3
G379B	06/25/2007	10:10	0	Total Dissolved Phosphorus (mg/L)	0.011
G379B	06/25/2007	10:10	0	Total Phosphorus (mg/L)	0.023

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	06/25/2007	10:10	0	Turbidity (NTU)	1.4
G379B	07/02/2007	10:00	0	Conductivity (μ S/cm)	727
G379B	07/02/2007	10:00	0	Dissolved Oxygen (mg/L)	2.31
G379B	07/02/2007	10:00	0	pH	7.7
G379B	07/02/2007	10:00	0	Temperature ($^{\circ}$ C)	28.9
G379B	07/02/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.011
G379B	07/02/2007	10:00	0	Total Phosphorus (mg/L)	0.027
G379B	07/09/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	141
G379B	07/09/2007	10:40	0	Ammonia (mg N/L)	0.029
G379B	07/09/2007	10:40	0	Conductivity (μ S/cm)	686
G379B	07/09/2007	10:40	0	Dissolved Chloride (mg/L)	98.9
G379B	07/09/2007	10:40	0	Dissolved Oxygen (mg/L)	2.69
G379B	07/09/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.027
G379B	07/09/2007	10:40	0	pH	8.2
G379B	07/09/2007	10:40	0	Sulfate (mg/L)	46.4
G379B	07/09/2007	10:40	0	Temperature ($^{\circ}$ C)	29.7
G379B	07/09/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.013
G379B	07/09/2007	10:40	0	Total Phosphorus (mg/L)	0.033
G379B	07/09/2007	10:40	0	Turbidity (NTU)	3
G379B	07/16/2007	10:30	0	Conductivity (μ S/cm)	602.3
G379B	07/16/2007	10:30	0	Dissolved Oxygen (mg/L)	2.16
G379B	07/16/2007	10:30	0	pH	7.8
G379B	07/16/2007	10:30	0	Temperature ($^{\circ}$ C)	29.2
G379B	07/16/2007	10:30	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	07/16/2007	10:30	0	Total Phosphorus (mg/L)	0.023
G379B	07/23/2007	10:00	0	Alkalinity (mg CaCO ₃ /L)	139
G379B	07/23/2007	10:00	0	Ammonia (mg N/L)	0.039
G379B	07/23/2007	10:00	0	Conductivity (μ S/cm)	654
G379B	07/23/2007	10:00	0	Dissolved Chloride (mg/L)	101
G379B	07/23/2007	10:00	0	Dissolved Oxygen (mg/L)	1.48
G379B	07/23/2007	10:00	0	Nitrate + Nitrite (mg N/L)	0.017
G379B	07/23/2007	10:00	0	pH	7.5
G379B	07/23/2007	10:00	0	Sulfate (mg/L)	36.8
G379B	07/23/2007	10:00	0	Temperature ($^{\circ}$ C)	27.9
G379B	07/23/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	07/23/2007	10:00	0	Total Phosphorus (mg/L)	0.022
G379B	07/23/2007	10:00	0	Turbidity (NTU)	1.4
G379B	07/23/2007	10:05	24	Total Phosphorus (mg/L)	0.027
G379B	07/30/2007	10:50	0	Conductivity (μ S/cm)	631.6
G379B	07/30/2007	10:50	0	Dissolved Oxygen (mg/L)	1.54
G379B	07/30/2007	10:50	0	pH	7.5
G379B	07/30/2007	10:50	0	Temperature ($^{\circ}$ C)	29.3
G379B	07/30/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	07/30/2007	10:50	0	Total Phosphorus (mg/L)	0.026
G379B	07/30/2007	10:55	24	Total Phosphorus (mg/L)	0.048
G379B	08/06/2007	10:20	0	Alkalinity (mg CaCO ₃ /L)	132
G379B	08/06/2007	10:20	0	Ammonia (mg N/L)	0.048
G379B	08/06/2007	10:20	0	Conductivity (μ S/cm)	527

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	08/06/2007	10:20	0	Dissolved Chloride (mg/L)	69.4
G379B	08/06/2007	10:20	0	Dissolved Oxygen (mg/L)	1.37
G379B	08/06/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.02
G379B	08/06/2007	10:20	0	pH	7.6
G379B	08/06/2007	10:20	0	Sulfate (mg/L)	25.2
G379B	08/06/2007	10:20	0	Temperature (°C)	30.6
G379B	08/06/2007	10:20	0	Total Dissolved Phosphorus (mg/L)	0.008
G379B	08/06/2007	10:20	0	Total Phosphorus (mg/L)	0.014
G379B	08/06/2007	10:20	0	Turbidity (NTU)	0.8
G379B	08/06/2007	10:25	24	Total Phosphorus (mg/L)	0.02
G379B	08/13/2007	9:45	0	Conductivity (µS/cm)	531
G379B	08/13/2007	9:45	0	Dissolved Oxygen (mg/L)	4.63
G379B	08/13/2007	9:45	0	pH	7.7
G379B	08/13/2007	9:45	0	Temperature (°C)	30.6
G379B	08/13/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	08/13/2007	9:45	0	Total Phosphorus (mg/L)	0.021
G379B	08/13/2007	9:50	24	Total Phosphorus (mg/L)	0.017
G379B	08/20/2007	10:35	0	Alkalinity (mg CaCO ₃ /L)	131
G379B	08/20/2007	10:35	0	Ammonia (mg N/L)	0.051
G379B	08/20/2007	10:35	0	Conductivity (µS/cm)	565.7
G379B	08/20/2007	10:35	0	Dissolved Chloride (mg/L)	79.8
G379B	08/20/2007	10:35	0	Dissolved Oxygen (mg/L)	4.67
G379B	08/20/2007	10:35	0	Nitrate + Nitrite (mg N/L)	0.027
G379B	08/20/2007	10:35	0	pH	7.8
G379B	08/20/2007	10:35	0	Sulfate (mg/L)	28.1
G379B	08/20/2007	10:35	0	Temperature (°C)	29.8
G379B	08/20/2007	10:35	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	08/20/2007	10:35	0	Total Phosphorus (mg/L)	0.021
G379B	08/20/2007	10:35	0	Turbidity (NTU)	2.5
G379B	08/27/2007	10:00	0	Conductivity (µS/cm)	536.8
G379B	08/27/2007	10:00	0	Dissolved Oxygen (mg/L)	1.59
G379B	08/27/2007	10:00	0	pH	7.6
G379B	08/27/2007	10:00	0	Temperature (°C)	29.2
G379B	08/27/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	08/27/2007	10:00	0	Total Phosphorus (mg/L)	0.026
G379B	09/04/2007	9:50	0	Alkalinity (mg CaCO ₃ /L)	138
G379B	09/04/2007	9:50	0	Ammonia (mg N/L)	0.095
G379B	09/04/2007	9:50	0	Conductivity (µS/cm)	618.2
G379B	09/04/2007	9:50	0	Dissolved Chloride (mg/L)	89.2
G379B	09/04/2007	9:50	0	Dissolved Oxygen (mg/L)	1.98
G379B	09/04/2007	9:50	0	Nitrate + Nitrite (mg N/L)	0.021
G379B	09/04/2007	9:50	0	pH	7.5
G379B	09/04/2007	9:50	0	Sulfate (mg/L)	27.3
G379B	09/04/2007	9:50	0	Temperature (°C)	29.8
G379B	09/04/2007	9:50	0	Total Dissolved Phosphorus (mg/L)	0.012
G379B	09/04/2007	9:50	0	Total Phosphorus (mg/L)	0.026
G379B	09/04/2007	9:50	0	Turbidity (NTU)	2
G379B	09/10/2007	9:40	0	Conductivity (µS/cm)	621

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	09/10/2007	9:40	0	Dissolved Oxygen (mg/L)	2.8
G379B	09/10/2007	9:40	0	pH	7.5
G379B	09/10/2007	9:40	0	Temperature (°C)	28.7
G379B	09/10/2007	9:40	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	09/10/2007	9:40	0	Total Phosphorus (mg/L)	0.036
G379B	09/17/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	88
G379B	09/17/2007	10:50	0	Ammonia (mg N/L)	0.055
G379B	09/17/2007	10:50	0	Conductivity (µS/cm)	585
G379B	09/17/2007	10:50	0	Dissolved Chloride (mg/L)	105
G379B	09/17/2007	10:50	0	Dissolved Oxygen (mg/L)	3.41
G379B	09/17/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.016
G379B	09/17/2007	10:50	0	pH	8
G379B	09/17/2007	10:50	0	Sulfate (mg/L)	24.8
G379B	09/17/2007	10:50	0	Temperature (°C)	29.9
G379B	09/17/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	09/17/2007	10:50	0	Total Phosphorus (mg/L)	0.034
G379B	09/17/2007	10:50	0	Turbidity (NTU)	1.8
G379B	09/24/2007	9:45	0	Conductivity (µS/cm)	600
G379B	09/24/2007	9:45	0	Dissolved Oxygen (mg/L)	2.75
G379B	09/24/2007	9:45	0	pH	7.7
G379B	09/24/2007	9:45	0	Temperature (°C)	26.9
G379B	09/24/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	09/24/2007	9:45	0	Total Phosphorus (mg/L)	0.018
G379B	09/24/2007	9:50	24	Total Phosphorus (mg/L)	0.029
G379B	10/01/2007	10:15	0	Alkalinity (mg CaCO ₃ /L)	133
G379B	10/01/2007	10:15	0	Ammonia (mg N/L)	0.068
G379B	10/01/2007	10:15	0	Conductivity (µS/cm)	658.3
G379B	10/01/2007	10:15	0	Dissolved Chloride (mg/L)	100
G379B	10/01/2007	10:15	0	Dissolved Oxygen (mg/L)	5.83
G379B	10/01/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.037
G379B	10/01/2007	10:15	0	pH	8
G379B	10/01/2007	10:15	0	Sulfate (mg/L)	31.8
G379B	10/01/2007	10:15	0	Temperature (°C)	26.2
G379B	10/01/2007	10:15	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	10/01/2007	10:15	0	Total Phosphorus (mg/L)	0.019
G379B	10/01/2007	10:15	0	Turbidity (NTU)	1.7
G379B	10/01/2007	10:20	24	Total Phosphorus (mg/L)	0.02
G379B	10/08/2007	10:15	0	Conductivity (µS/cm)	680
G379B	10/08/2007	10:15	0	Dissolved Oxygen (mg/L)	2.31
G379B	10/08/2007	10:15	0	pH	7.8
G379B	10/08/2007	10:15	0	Temperature (°C)	26.9
G379B	10/08/2007	10:15	0	Total Phosphorus (mg/L)	0.015
G379B	10/08/2007	10:20	24	Total Phosphorus (mg/L)	0.036
G379B	10/15/2007	10:15	0	Alkalinity (mg CaCO ₃ /L)	120
G379B	10/15/2007	10:15	0	Ammonia (mg N/L)	0.057
G379B	10/15/2007	10:15	0	Conductivity (µS/cm)	662
G379B	10/15/2007	10:15	0	Dissolved Chloride (mg/L)	105
G379B	10/15/2007	10:15	0	Dissolved Oxygen (mg/L)	4.86

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	10/15/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.034
G379B	10/15/2007	10:15	0	pH	8
G379B	10/15/2007	10:15	0	Sulfate (mg/L)	36.1
G379B	10/15/2007	10:15	0	Temperature (°C)	26.4
G379B	10/15/2007	10:15	0	Total Dissolved Phosphorus (mg/L)	0.008
G379B	10/15/2007	10:15	0	Total Phosphorus (mg/L)	0.017
G379B	10/15/2007	10:15	0	Turbidity (NTU)	1.4
G379B	10/22/2007	10:10	0	Conductivity (µS/cm)	639
G379B	10/22/2007	10:10	0	Dissolved Oxygen (mg/L)	2.61
G379B	10/22/2007	10:10	0	pH	7.5
G379B	10/22/2007	10:10	0	Temperature (°C)	27.5
G379B	10/22/2007	10:10	0	Total Dissolved Phosphorus (mg/L)	0.008
G379B	10/22/2007	10:10	0	Total Phosphorus (mg/L)	0.021
G379B	10/29/2007	10:20	0	Alkalinity (mg CaCO ₃ /L)	99
G379B	10/29/2007	10:20	0	Ammonia (mg N/L)	0.054
G379B	10/29/2007	10:20	0	Conductivity (µS/cm)	614
G379B	10/29/2007	10:20	0	Dissolved Chloride (mg/L)	104
G379B	10/29/2007	10:20	0	Dissolved Oxygen (mg/L)	4.28
G379B	10/29/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.025
G379B	10/29/2007	10:20	0	pH	7.9
G379B	10/29/2007	10:20	0	Sulfate (mg/L)	32.4
G379B	10/29/2007	10:20	0	Temperature (°C)	25.6
G379B	10/29/2007	10:20	0	Total Dissolved Phosphorus (mg/L)	0.008
G379B	10/29/2007	10:20	0	Total Phosphorus (mg/L)	0.016
G379B	10/29/2007	10:20	0	Turbidity (NTU)	1.4
G379B	10/29/2007	10:25	24	Total Phosphorus (mg/L)	0.025
G379B	11/05/2007	10:35	0	Conductivity (µS/cm)	620
G379B	11/05/2007	10:35	0	Dissolved Oxygen (mg/L)	5.86
G379B	11/05/2007	10:35	0	pH	8
G379B	11/05/2007	10:35	0	Temperature (°C)	22.8
G379B	11/05/2007	10:35	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	11/05/2007	10:35	0	Total Phosphorus (mg/L)	0.016
G379B	11/13/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	109
G379B	11/13/2007	10:40	0	Ammonia (mg N/L)	0.035
G379B	11/13/2007	10:40	0	Conductivity (µS/cm)	638.2
G379B	11/13/2007	10:40	0	Dissolved Chloride (mg/L)	109
G379B	11/13/2007	10:40	0	Dissolved Oxygen (mg/L)	6.45
G379B	11/13/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.04
G379B	11/13/2007	10:40	0	pH	8.4
G379B	11/13/2007	10:40	0	Sulfate (mg/L)	32.5
G379B	11/13/2007	10:40	0	Temperature (°C)	21.8
G379B	11/13/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.008
G379B	11/13/2007	10:40	0	Total Phosphorus (mg/L)	0.017
G379B	11/13/2007	10:40	0	Turbidity (NTU)	1.3
G379B	11/19/2007	10:30	0	Conductivity (µS/cm)	663.4
G379B	11/19/2007	10:30	0	Dissolved Oxygen (mg/L)	5.84
G379B	11/19/2007	10:30	0	pH	7.9
G379B	11/19/2007	10:30	0	Temperature (°C)	21.2

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	11/19/2007	10:30	0	Total Dissolved Phosphorus (mg/L)	0.008
G379B	11/19/2007	10:30	0	Total Phosphorus (mg/L)	0.017
G379B	11/26/2007	10:20	0	Alkalinity (mg CaCO ₃ /L)	130
G379B	11/26/2007	10:20	0	Ammonia (mg N/L)	0.11
G379B	11/26/2007	10:20	0	Conductivity (μS/cm)	693.7
G379B	11/26/2007	10:20	0	Dissolved Chloride (mg/L)	118
G379B	11/26/2007	10:20	0	Dissolved Oxygen (mg/L)	3.24
G379B	11/26/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.043
G379B	11/26/2007	10:20	0	pH	7.7
G379B	11/26/2007	10:20	0	Sulfate (mg/L)	29.9
G379B	11/26/2007	10:20	0	Temperature (°C)	22.9
G379B	11/26/2007	10:20	0	Total Phosphorus (mg/L)	0.021
G379B	11/26/2007	10:20	0	Turbidity (NTU)	1.9
G379B	12/03/2007	10:30	0	Conductivity (μS/cm)	761.3
G379B	12/03/2007	10:30	0	Dissolved Oxygen (mg/L)	1.24
G379B	12/03/2007	10:30	0	pH	7.4
G379B	12/03/2007	10:30	0	Temperature (°C)	24.1
G379B	12/03/2007	10:30	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	12/03/2007	10:30	0	Total Phosphorus (mg/L)	0.026
G379B	12/10/2007	9:55	0	Alkalinity (mg CaCO ₃ /L)	166
G379B	12/10/2007	9:55	0	Ammonia (mg N/L)	0.105
G379B	12/10/2007	9:55	0	Conductivity (μS/cm)	752.4
G379B	12/10/2007	9:55	0	Dissolved Chloride (mg/L)	124
G379B	12/10/2007	9:55	0	Dissolved Oxygen (mg/L)	3.36
G379B	12/10/2007	9:55	0	Nitrate + Nitrite (mg N/L)	0.044
G379B	12/10/2007	9:55	0	pH	7.6
G379B	12/10/2007	9:55	0	Sulfate (mg/L)	26.9
G379B	12/10/2007	9:55	0	Temperature (°C)	23.2
G379B	12/10/2007	9:55	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	12/10/2007	9:55	0	Total Phosphorus (mg/L)	0.023
G379B	12/10/2007	9:55	0	Turbidity (NTU)	2.7
G379B	12/17/2007	10:25	0	Conductivity (μS/cm)	769.5
G379B	12/17/2007	10:25	0	Dissolved Oxygen (mg/L)	4.93
G379B	12/17/2007	10:25	0	pH	7.7
G379B	12/17/2007	10:25	0	Temperature (°C)	20.1
G379B	12/17/2007	10:25	0	Total Dissolved Phosphorus (mg/L)	0.011
G379B	12/17/2007	10:25	0	Total Phosphorus (mg/L)	0.02
G379B	12/26/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	150
G379B	12/26/2007	11:25	0	Ammonia (mg N/L)	0.082
G379B	12/26/2007	11:25	0	Conductivity (μS/cm)	766
G379B	12/26/2007	11:25	0	Dissolved Chloride (mg/L)	134
G379B	12/26/2007	11:25	0	Dissolved Oxygen (mg/L)	4.87
G379B	12/26/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.045
G379B	12/26/2007	11:25	0	pH	7.8
G379B	12/26/2007	11:25	0	Sulfate (mg/L)	28
G379B	12/26/2007	11:25	0	Temperature (°C)	21.7
G379B	12/26/2007	11:25	0	Total Dissolved Phosphorus (mg/L)	0.011
G379B	12/26/2007	11:25	0	Total Phosphorus (mg/L)	0.023

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	12/26/2007	11:25	0	Turbidity (NTU)	1.9
G379B	12/31/2007	9:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	785.4
G379B	12/31/2007	9:45	0	Dissolved Oxygen (mg/L)	3.75
G379B	12/31/2007	9:45	0	Temperature ($^{\circ}\text{C}$)	23
G379B	12/31/2007	9:45	0	Total Dissolved Phosphorus (mg/L)	0.028
G379B	12/31/2007	9:45	0	Total Phosphorus (mg/L)	0.028
G379B	01/07/2008	9:55	0	Alkalinity (mg CaCO_3/L)	156
G379B	01/07/2008	9:55	0	Ammonia (mg N/L)	0.075
G379B	01/07/2008	9:55	0	Conductivity ($\mu\text{S}/\text{cm}$)	796
G379B	01/07/2008	9:55	0	Dissolved Chloride (mg/L)	147
G379B	01/07/2008	9:55	0	Dissolved Oxygen (mg/L)	8.56
G379B	01/07/2008	9:55	0	Nitrate + Nitrite (mg N/L)	0.028
G379B	01/07/2008	9:55	0	pH	8.4
G379B	01/07/2008	9:55	0	Sulfate (mg/L)	26.2
G379B	01/07/2008	9:55	0	Temperature ($^{\circ}\text{C}$)	17.7
G379B	01/07/2008	9:55	0	Total Dissolved Phosphorus (mg/L)	0.012
G379B	01/07/2008	9:55	0	Total Phosphorus (mg/L)	0.023
G379B	01/07/2008	9:55	0	Turbidity (NTU)	1.4
G379B	01/14/2008	9:55	0	Conductivity ($\mu\text{S}/\text{cm}$)	834.9
G379B	01/14/2008	9:55	0	Dissolved Oxygen (mg/L)	4.65
G379B	01/14/2008	9:55	0	pH	7.8
G379B	01/14/2008	9:55	0	Temperature ($^{\circ}\text{C}$)	21.2
G379B	01/14/2008	9:55	0	Total Dissolved Phosphorus (mg/L)	0.023
G379B	01/14/2008	9:55	0	Total Phosphorus (mg/L)	0.058
G379B	01/22/2008	10:50	0	Alkalinity (mg CaCO_3/L)	182
G379B	01/22/2008	10:50	0	Ammonia (mg N/L)	0.111
G379B	01/22/2008	10:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	857.6
G379B	01/22/2008	10:50	0	Dissolved Chloride (mg/L)	150
G379B	01/22/2008	10:50	0	Dissolved Oxygen (mg/L)	5.91
G379B	01/22/2008	10:50	0	Nitrate + Nitrite (mg N/L)	0.033
G379B	01/22/2008	10:50	0	pH	8.4
G379B	01/22/2008	10:50	0	Sulfate (mg/L)	18.3
G379B	01/22/2008	10:50	0	Temperature ($^{\circ}\text{C}$)	19.5
G379B	01/22/2008	10:50	0	Total Dissolved Phosphorus (mg/L)	0.016
G379B	01/22/2008	10:50	0	Total Phosphorus (mg/L)	0.031
G379B	01/22/2008	10:50	0	Turbidity (NTU)	2.1
G379B	01/28/2008	9:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	1102
G379B	01/28/2008	9:50	0	Dissolved Oxygen (mg/L)	3.51
G379B	01/28/2008	9:50	0	pH	7.2
G379B	01/28/2008	9:50	0	Temperature ($^{\circ}\text{C}$)	17.7
G379B	01/28/2008	9:50	0	Total Dissolved Phosphorus (mg/L)	0.015
G379B	01/28/2008	9:50	0	Total Phosphorus (mg/L)	0.03
G379B	02/04/2008	10:40	0	Alkalinity (mg CaCO_3/L)	204
G379B	02/04/2008	10:40	0	Ammonia (mg N/L)	0.113
G379B	02/04/2008	10:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	876
G379B	02/04/2008	10:40	0	Dissolved Chloride (mg/L)	144
G379B	02/04/2008	10:40	0	Dissolved Oxygen (mg/L)	3.23
G379B	02/04/2008	10:40	0	Nitrate + Nitrite (mg N/L)	0.027

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	02/04/2008	10:40	0	pH	7.5
G379B	02/04/2008	10:40	0	Sulfate (mg/L)	15.4
G379B	02/04/2008	10:40	0	Temperature (°C)	22
G379B	02/04/2008	10:40	0	Total Dissolved Phosphorus (mg/L)	0.013
G379B	02/04/2008	10:40	0	Total Phosphorus (mg/L)	0.042
G379B	02/04/2008	10:40	0	Turbidity (NTU)	1.9
G379B	02/11/2008	10:10	0	Conductivity (µS/cm)	890
G379B	02/11/2008	10:10	0	Dissolved Oxygen (mg/L)	6.39
G379B	02/11/2008	10:10	0	pH	7.9
G379B	02/11/2008	10:10	0	Temperature (°C)	20
G379B	02/11/2008	10:10	0	Total Dissolved Phosphorus (mg/L)	0.013
G379B	02/11/2008	10:10	0	Total Phosphorus (mg/L)	0.031
G379B	02/19/2008	10:55	0	Alkalinity (mg CaCO ₃ /L)	234
G379B	02/19/2008	10:55	0	Ammonia (mg N/L)	0.037
G379B	02/19/2008	10:55	0	Conductivity (µS/cm)	915
G379B	02/19/2008	10:55	0	Dissolved Chloride (mg/L)	128
G379B	02/19/2008	10:55	0	Dissolved Oxygen (mg/L)	4.99
G379B	02/19/2008	10:55	0	pH	7.7
G379B	02/19/2008	10:55	0	Sulfate (mg/L)	35.4
G379B	02/19/2008	10:55	0	Temperature (°C)	22.4
G379B	02/19/2008	10:55	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	02/19/2008	10:55	0	Total Phosphorus (mg/L)	0.022
G379B	02/19/2008	10:55	0	Turbidity (NTU)	1.3
G379B	02/19/2008	11:00	24	Total Phosphorus (mg/L)	0.028
G379B	02/25/2008	11:15	0	Conductivity (µS/cm)	915
G379B	02/25/2008	11:15	0	Dissolved Oxygen (mg/L)	4.05
G379B	02/25/2008	11:15	0	pH	7.5
G379B	02/25/2008	11:15	0	Temperature (°C)	24.5
G379B	02/25/2008	11:15	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	02/25/2008	11:15	0	Total Phosphorus (mg/L)	0.024
G379B	02/25/2008	11:20	24	Total Phosphorus (mg/L)	0.022
G379B	03/03/2008	11:45	0	Alkalinity (mg CaCO ₃ /L)	186
G379B	03/03/2008	11:45	0	Ammonia (mg N/L)	0.053
G379B	03/03/2008	11:45	0	Conductivity (µS/cm)	879
G379B	03/03/2008	11:45	0	Dissolved Chloride (mg/L)	126
G379B	03/03/2008	11:45	0	Dissolved Oxygen (mg/L)	9.05
G379B	03/03/2008	11:45	0	pH	8
G379B	03/03/2008	11:45	0	Sulfate (mg/L)	65
G379B	03/03/2008	11:45	0	Temperature (°C)	22.2
G379B	03/03/2008	11:45	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	03/03/2008	11:45	0	Turbidity (NTU)	1.3
G379B	03/03/2008	11:50	24	Total Phosphorus (mg/L)	0.022
G379B	03/10/2008	10:40	0	Conductivity (µS/cm)	847
G379B	03/10/2008	10:40	0	Dissolved Oxygen (mg/L)	7.41
G379B	03/10/2008	10:40	0	pH	7.9
G379B	03/10/2008	10:40	0	Temperature (°C)	18
G379B	03/10/2008	10:40	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	03/10/2008	10:40	0	Total Phosphorus (mg/L)	0.015

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	03/10/2008	10:45	24	Total Phosphorus (mg/L)	0.021
G379B	03/17/2008	10:40	0	Alkalinity (mg CaCO ₃ /L)	203
G379B	03/17/2008	10:40	0	Ammonia (mg N/L)	0.055
G379B	03/17/2008	10:40	0	Conductivity (µS/cm)	954.6
G379B	03/17/2008	10:40	0	Dissolved Chloride (mg/L)	139
G379B	03/17/2008	10:40	0	Dissolved Oxygen (mg/L)	6.07
G379B	03/17/2008	10:40	0	pH	7.7
G379B	03/17/2008	10:40	0	Sulfate (mg/L)	61.1
G379B	03/17/2008	10:40	0	Temperature (°C)	25.6
G379B	03/17/2008	10:40	0	Total Dissolved Phosphorus (mg/L)	0.01
G379B	03/17/2008	10:40	0	Total Phosphorus (mg/L)	0.022
G379B	03/17/2008	10:40	0	Turbidity (NTU)	1.4
G379B	03/17/2008	10:45	24	Total Phosphorus (mg/L)	0.022
G379B	03/24/2008	10:45	0	Conductivity (µS/cm)	753.2
G379B	03/24/2008	10:45	0	pH	7.6
G379B	03/24/2008	10:45	0	Temperature (°C)	21.7
G379B	03/24/2008	10:45	0	Total Phosphorus (mg/L)	0.025
G379B	03/24/2008	10:50	24	Total Phosphorus (mg/L)	0.028
G379B	03/31/2008	10:30	0	Alkalinity (mg CaCO ₃ /L)	147
G379B	03/31/2008	10:30	0	Ammonia (mg N/L)	0.036
G379B	03/31/2008	10:30	0	Conductivity (µS/cm)	763.1
G379B	03/31/2008	10:30	0	Dissolved Chloride (mg/L)	116
G379B	03/31/2008	10:30	0	Dissolved Oxygen (mg/L)	7.34
G379B	03/31/2008	10:30	0	Nitrate + Nitrite (mg N/L)	0.045
G379B	03/31/2008	10:30	0	pH	8.1
G379B	03/31/2008	10:30	0	Sulfate (mg/L)	57.2
G379B	03/31/2008	10:30	0	Temperature (°C)	25.4
G379B	03/31/2008	10:30	0	Total Phosphorus (mg/L)	0.022
G379B	03/31/2008	10:30	0	Turbidity (NTU)	1.1
G379B	03/31/2008	10:35	24	Total Phosphorus (mg/L)	0.021
G379B	04/07/2008	11:00	0	Conductivity (µS/cm)	551
G379B	04/07/2008	11:00	0	Dissolved Oxygen (mg/L)	5.83
G379B	04/07/2008	11:00	0	pH	7.6
G379B	04/07/2008	11:00	0	Temperature (°C)	23.4
G379B	04/07/2008	11:00	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	04/07/2008	11:00	0	Total Phosphorus (mg/L)	0.018
G379B	04/07/2008	11:05	24	Total Phosphorus (mg/L)	0.028
G379B	04/14/2008	9:55	0	Alkalinity (mg CaCO ₃ /L)	152
G379B	04/14/2008	9:55	0	Ammonia (mg N/L)	0.024
G379B	04/14/2008	9:55	0	Conductivity (µS/cm)	731
G379B	04/14/2008	9:55	0	Dissolved Chloride (mg/L)	106
G379B	04/14/2008	9:55	0	Dissolved Oxygen (mg/L)	4.13
G379B	04/14/2008	9:55	0	Nitrate + Nitrite (mg N/L)	0.01
G379B	04/14/2008	9:55	0	pH	7.8
G379B	04/14/2008	9:55	0	Sulfate (mg/L)	45.5
G379B	04/14/2008	9:55	0	Temperature (°C)	23.6
G379B	04/14/2008	9:55	0	Total Dissolved Phosphorus (mg/L)	0.008
G379B	04/14/2008	9:55	0	Total Phosphorus (mg/L)	0.016

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379B	04/14/2008	9:55	0	Turbidity (NTU)	1.1
G379B	04/14/2008	10:00	24	Total Phosphorus (mg/L)	0.021
G379B	04/21/2008	10:50	0	Conductivity (μ S/cm)	771
G379B	04/21/2008	10:50	0	Dissolved Oxygen (mg/L)	8.21
G379B	04/21/2008	10:50	0	pH	8.2
G379B	04/21/2008	10:50	0	Temperature ($^{\circ}$ C)	24.7
G379B	04/21/2008	10:50	0	Total Dissolved Phosphorus (mg/L)	0.009
G379B	04/21/2008	10:50	0	Total Phosphorus (mg/L)	0.022
G379B	04/21/2008	10:55	24	Total Phosphorus (mg/L)	0.019
G379B	04/28/2008	10:00	0	Alkalinity (mg CaCO ₃ /L)	101
G379B	04/28/2008	10:00	0	Ammonia (mg N/L)	0.044
G379B	04/28/2008	10:00	0	Conductivity (μ S/cm)	765
G379B	04/28/2008	10:00	0	Dissolved Chloride (mg/L)	134
G379B	04/28/2008	10:00	0	Dissolved Oxygen (mg/L)	4.04
G379B	04/28/2008	10:00	0	Nitrate + Nitrite (mg N/L)	0.027
G379B	04/28/2008	10:00	0	pH	8.6
G379B	04/28/2008	10:00	0	Sulfate (mg/L)	56.6
G379B	04/28/2008	10:00	0	Temperature ($^{\circ}$ C)	25.5
G379B	04/28/2008	10:00	0	Total Dissolved Phosphorus (mg/L)	0.011
G379B	04/28/2008	10:00	0	Total Phosphorus (mg/L)	0.018
G379B	04/28/2008	10:00	0	Turbidity (NTU)	1.2
G379D	05/07/2007	10:25	0	Conductivity (μ S/cm)	1019
G379D	05/07/2007	10:25	0	Dissolved Oxygen (mg/L)	2.94
G379D	05/07/2007	10:25	0	pH	7.9
G379D	05/07/2007	10:25	0	Temperature ($^{\circ}$ C)	26.5
G379D	05/07/2007	10:25	0	Total Dissolved Phosphorus (mg/L)	0.019
G379D	05/07/2007	10:25	0	Total Phosphorus (mg/L)	0.051
G379D	05/14/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	194
G379D	05/14/2007	11:00	0	Ammonia (mg N/L)	0.18
G379D	05/14/2007	11:00	0	Conductivity (μ S/cm)	1006
G379D	05/14/2007	11:00	0	Dissolved Chloride (mg/L)	183
G379D	05/14/2007	11:00	0	Dissolved Oxygen (mg/L)	2.88
G379D	05/14/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.05
G379D	05/14/2007	11:00	0	pH	7.8
G379D	05/14/2007	11:00	0	Sulfate (mg/L)	10.9
G379D	05/14/2007	11:00	0	Temperature ($^{\circ}$ C)	25.4
G379D	05/14/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.021
G379D	05/14/2007	11:00	0	Total Phosphorus (mg/L)	0.044
G379D	05/14/2007	11:00	0	Turbidity (NTU)	5.3
G379D	05/21/2007	10:20	0	Conductivity (μ S/cm)	1011
G379D	05/21/2007	10:20	0	Dissolved Oxygen (mg/L)	5.34
G379D	05/21/2007	10:20	0	pH	8.2
G379D	05/21/2007	10:20	0	Temperature ($^{\circ}$ C)	25.1
G379D	05/21/2007	10:20	0	Total Dissolved Phosphorus (mg/L)	0.022
G379D	05/21/2007	10:20	0	Total Phosphorus (mg/L)	0.051
G379D	05/29/2007	10:15	0	Alkalinity (mg CaCO ₃ /L)	178
G379D	05/29/2007	10:15	0	Ammonia (mg N/L)	0.121
G379D	05/29/2007	10:15	0	Conductivity (μ S/cm)	998.1

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	05/29/2007	10:15	0	Dissolved Chloride (mg/L)	190
G379D	05/29/2007	10:15	0	Dissolved Oxygen (mg/L)	5.61
G379D	05/29/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.025
G379D	05/29/2007	10:15	0	pH	8.4
G379D	05/29/2007	10:15	0	Sulfate (mg/L)	12.2
G379D	05/29/2007	10:15	0	Temperature (°C)	26.4
G379D	05/29/2007	10:15	0	Total Dissolved Phosphorus (mg/L)	0.021
G379D	05/29/2007	10:15	0	Total Phosphorus (mg/L)	0.048
G379D	05/29/2007	10:15	0	Turbidity (NTU)	4.1
G379D	06/04/2007	10:50	0	Conductivity (µS/cm)	880.9
G379D	06/04/2007	10:50	0	Dissolved Oxygen (mg/L)	5.24
G379D	06/04/2007	10:50	0	pH	8.1
G379D	06/04/2007	10:50	0	Temperature (°C)	27.3
G379D	06/04/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.017
G379D	06/04/2007	10:50	0	Total Phosphorus (mg/L)	0.041
G379D	06/11/2007	11:35	0	Alkalinity (mg CaCO ₃ /L)	158
G379D	06/11/2007	11:35	0	Ammonia (mg N/L)	0.129
G379D	06/11/2007	11:35	0	Conductivity (µS/cm)	785.3
G379D	06/11/2007	11:35	0	Dissolved Chloride (mg/L)	141
G379D	06/11/2007	11:35	0	Dissolved Oxygen (mg/L)	3.44
G379D	06/11/2007	11:35	0	Nitrate + Nitrite (mg N/L)	0.049
G379D	06/11/2007	11:35	0	pH	8
G379D	06/11/2007	11:35	0	Sulfate (mg/L)	9.8
G379D	06/11/2007	11:35	0	Temperature (°C)	30
G379D	06/11/2007	11:35	0	Total Dissolved Phosphorus (mg/L)	0.015
G379D	06/11/2007	11:35	0	Total Phosphorus (mg/L)	0.044
G379D	06/11/2007	11:35	0	Turbidity (NTU)	3
G379D	06/18/2007	11:10	0	Conductivity (µS/cm)	681
G379D	06/18/2007	11:10	0	Dissolved Oxygen (mg/L)	4.36
G379D	06/18/2007	11:10	0	pH	7.6
G379D	06/18/2007	11:10	0	Temperature (°C)	28.1
G379D	06/18/2007	11:10	0	Total Dissolved Phosphorus (mg/L)	0.014
G379D	06/18/2007	11:10	0	Total Phosphorus (mg/L)	0.029
G379D	06/18/2007	11:15	24	Total Phosphorus (mg/L)	0.035
G379D	06/25/2007	10:35	0	Alkalinity (mg CaCO ₃ /L)	195
G379D	06/25/2007	10:35	0	Ammonia (mg N/L)	0.019
G379D	06/25/2007	10:35	0	Conductivity (µS/cm)	722.3
G379D	06/25/2007	10:35	0	Dissolved Chloride (mg/L)	89.5
G379D	06/25/2007	10:35	0	Dissolved Oxygen (mg/L)	2.39
G379D	06/25/2007	10:35	0	Nitrate + Nitrite (mg N/L)	0.013
G379D	06/25/2007	10:35	0	pH	7.6
G379D	06/25/2007	10:35	0	Sulfate (mg/L)	47.4
G379D	06/25/2007	10:35	0	Temperature (°C)	28.7
G379D	06/25/2007	10:35	0	Total Dissolved Phosphorus (mg/L)	0.013
G379D	06/25/2007	10:35	0	Total Phosphorus (mg/L)	0.021
G379D	06/25/2007	10:35	0	Turbidity (NTU)	1
G379D	06/25/2007	10:40	24	Total Phosphorus (mg/L)	0.024
G379D	07/02/2007	10:15	0	Conductivity (µS/cm)	711

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	07/02/2007	10:15	0	Dissolved Oxygen (mg/L)	1.48
G379D	07/02/2007	10:15	0	pH	7.6
G379D	07/02/2007	10:15	0	Temperature (°C)	28.8
G379D	07/02/2007	10:15	0	Total Dissolved Phosphorus (mg/L)	0.011
G379D	07/02/2007	10:15	0	Total Phosphorus (mg/L)	0.026
G379D	07/09/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	140
G379D	07/09/2007	11:00	0	Ammonia (mg N/L)	0.049
G379D	07/09/2007	11:00	0	Conductivity (µS/cm)	707
G379D	07/09/2007	11:00	0	Dissolved Chloride (mg/L)	103
G379D	07/09/2007	11:00	0	Dissolved Oxygen (mg/L)	2.36
G379D	07/09/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.022
G379D	07/09/2007	11:00	0	pH	8.1
G379D	07/09/2007	11:00	0	Sulfate (mg/L)	46.4
G379D	07/09/2007	11:00	0	Temperature (°C)	30.4
G379D	07/09/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.012
G379D	07/09/2007	11:00	0	Total Phosphorus (mg/L)	0.03
G379D	07/09/2007	11:00	0	Turbidity (NTU)	1
G379D	07/16/2007	11:05	0	Conductivity (µS/cm)	556.3
G379D	07/16/2007	11:05	0	Dissolved Oxygen (mg/L)	3.43
G379D	07/16/2007	11:05	0	pH	8.2
G379D	07/16/2007	11:05	0	Temperature (°C)	29
G379D	07/16/2007	11:05	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	07/16/2007	11:05	0	Total Phosphorus (mg/L)	0.018
G379D	07/16/2007	11:10	24	Total Phosphorus (mg/L)	0.02
G379D	07/23/2007	10:20	0	Alkalinity (mg CaCO ₃ /L)	126
G379D	07/23/2007	10:20	0	Ammonia (mg N/L)	0.034
G379D	07/23/2007	10:20	0	Conductivity (µS/cm)	592
G379D	07/23/2007	10:20	0	Dissolved Chloride (mg/L)	92.4
G379D	07/23/2007	10:20	0	Dissolved Oxygen (mg/L)	4.06
G379D	07/23/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.008
G379D	07/23/2007	10:20	0	pH	7.7
G379D	07/23/2007	10:20	0	Sulfate (mg/L)	28.6
G379D	07/23/2007	10:20	0	Temperature (°C)	27.6
G379D	07/23/2007	10:20	0	Total Dissolved Phosphorus (mg/L)	0.011
G379D	07/23/2007	10:20	0	Total Phosphorus (mg/L)	0.017
G379D	07/23/2007	10:20	0	Turbidity (NTU)	0.9
G379D	07/23/2007	10:25	24	Total Phosphorus (mg/L)	0.019
G379D	07/30/2007	11:20	0	Conductivity (µS/cm)	573.9
G379D	07/30/2007	11:20	0	Dissolved Oxygen (mg/L)	1.14
G379D	07/30/2007	11:20	0	pH	7.4
G379D	07/30/2007	11:20	0	Temperature (°C)	29.2
G379D	07/30/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.012
G379D	07/30/2007	11:20	0	Total Phosphorus (mg/L)	0.022
G379D	07/30/2007	11:25	24	Total Phosphorus (mg/L)	0.017
G379D	08/06/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	131
G379D	08/06/2007	10:50	0	Ammonia (mg N/L)	0.039
G379D	08/06/2007	10:50	0	Conductivity (µS/cm)	503
G379D	08/06/2007	10:50	0	Dissolved Chloride (mg/L)	67.7

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	08/06/2007	10:50	0	Dissolved Oxygen (mg/L)	2.53
G379D	08/06/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.01
G379D	08/06/2007	10:50	0	pH	7.7
G379D	08/06/2007	10:50	0	Sulfate (mg/L)	28
G379D	08/06/2007	10:50	0	Temperature (°C)	30.8
G379D	08/06/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.007
G379D	08/06/2007	10:50	0	Total Phosphorus (mg/L)	0.013
G379D	08/06/2007	10:50	0	Turbidity (NTU)	0.9
G379D	08/06/2007	10:55	24	Total Phosphorus (mg/L)	0.014
G379D	08/13/2007	10:10	0	Conductivity (µS/cm)	571
G379D	08/13/2007	10:10	0	Dissolved Oxygen (mg/L)	4.91
G379D	08/13/2007	10:10	0	pH	7.6
G379D	08/13/2007	10:10	0	Temperature (°C)	30.9
G379D	08/13/2007	10:10	0	Total Dissolved Phosphorus (mg/L)	0.01
G379D	08/13/2007	10:10	0	Total Phosphorus (mg/L)	0.018
G379D	08/13/2007	10:15	24	Total Phosphorus (mg/L)	0.013
G379D	08/20/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	96
G379D	08/20/2007	11:00	0	Ammonia (mg N/L)	0.059
G379D	08/20/2007	11:00	0	Conductivity (µS/cm)	558.9
G379D	08/20/2007	11:00	0	Dissolved Chloride (mg/L)	92.7
G379D	08/20/2007	11:00	0	Dissolved Oxygen (mg/L)	4.29
G379D	08/20/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.018
G379D	08/20/2007	11:00	0	pH	8.1
G379D	08/20/2007	11:00	0	Sulfate (mg/L)	32.3
G379D	08/20/2007	11:00	0	Temperature (°C)	30.1
G379D	08/20/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	08/20/2007	11:00	0	Total Phosphorus (mg/L)	0.018
G379D	08/20/2007	11:00	0	Turbidity (NTU)	1.2
G379D	08/27/2007	10:20	0	Conductivity (µS/cm)	591.3
G379D	08/27/2007	10:20	0	Dissolved Oxygen (mg/L)	3.34
G379D	08/27/2007	10:20	0	pH	7.7
G379D	08/27/2007	10:20	0	Temperature (°C)	29.6
G379D	08/27/2007	10:20	0	Total Dissolved Phosphorus (mg/L)	0.011
G379D	08/27/2007	10:20	0	Total Phosphorus (mg/L)	0.027
G379D	09/04/2007	10:15	0	Alkalinity (mg CaCO ₃ /L)	157
G379D	09/04/2007	10:15	0	Ammonia (mg N/L)	0.091
G379D	09/04/2007	10:15	0	Conductivity (µS/cm)	680.8
G379D	09/04/2007	10:15	0	Dissolved Chloride (mg/L)	97.7
G379D	09/04/2007	10:15	0	Dissolved Oxygen (mg/L)	0.45
G379D	09/04/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.034
G379D	09/04/2007	10:15	0	pH	7.6
G379D	09/04/2007	10:15	0	Sulfate (mg/L)	33.8
G379D	09/04/2007	10:15	0	Temperature (°C)	29.9
G379D	09/04/2007	10:15	0	Total Dissolved Phosphorus (mg/L)	0.013
G379D	09/04/2007	10:15	0	Total Phosphorus (mg/L)	0.024
G379D	09/04/2007	10:15	0	Turbidity (NTU)	1.4
G379D	09/10/2007	10:00	0	Conductivity (µS/cm)	633
G379D	09/10/2007	10:00	0	Dissolved Oxygen (mg/L)	3.44

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	09/10/2007	10:00	0	pH	7.6
G379D	09/10/2007	10:00	0	Temperature (°C)	28.9
G379D	09/10/2007	10:00	0	Total Dissolved Phosphorus (mg/L)	0.009
G379D	09/10/2007	10:00	0	Total Phosphorus (mg/L)	0.03
G379D	09/17/2007	11:15	0	Alkalinity (mg CaCO ₃ /L)	75
G379D	09/17/2007	11:15	0	Ammonia (mg N/L)	0.084
G379D	09/17/2007	11:15	0	Conductivity (µS/cm)	604
G379D	09/17/2007	11:15	0	Dissolved Chloride (mg/L)	114
G379D	09/17/2007	11:15	0	Dissolved Oxygen (mg/L)	5.08
G379D	09/17/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.01
G379D	09/17/2007	11:15	0	pH	8.4
G379D	09/17/2007	11:15	0	Sulfate (mg/L)	30.3
G379D	09/17/2007	11:15	0	Temperature (°C)	29.9
G379D	09/17/2007	11:15	0	Total Dissolved Phosphorus (mg/L)	0.01
G379D	09/17/2007	11:15	0	Total Phosphorus (mg/L)	0.023
G379D	09/17/2007	11:15	0	Turbidity (NTU)	1
G379D	09/24/2007	10:05	0	Conductivity (µS/cm)	687
G379D	09/24/2007	10:05	0	Dissolved Oxygen (mg/L)	4.07
G379D	09/24/2007	10:05	0	pH	7.6
G379D	09/24/2007	10:05	0	Temperature (°C)	27
G379D	09/24/2007	10:05	0	Total Dissolved Phosphorus (mg/L)	0.009
G379D	09/24/2007	10:05	0	Total Phosphorus (mg/L)	0.015
G379D	09/24/2007	10:10	24	Total Phosphorus (mg/L)	0.02
G379D	10/01/2007	10:45	0	Alkalinity (mg CaCO ₃ /L)	113
G379D	10/01/2007	10:45	0	Ammonia (mg N/L)	0.047
G379D	10/01/2007	10:45	0	Conductivity (µS/cm)	646.4
G379D	10/01/2007	10:45	0	Dissolved Chloride (mg/L)	105
G379D	10/01/2007	10:45	0	Dissolved Oxygen (mg/L)	6.37
G379D	10/01/2007	10:45	0	Nitrate + Nitrite (mg N/L)	0.018
G379D	10/01/2007	10:45	0	pH	8.2
G379D	10/01/2007	10:45	0	Sulfate (mg/L)	34.9
G379D	10/01/2007	10:45	0	Temperature (°C)	26
G379D	10/01/2007	10:45	0	Total Dissolved Phosphorus (mg/L)	0.01
G379D	10/01/2007	10:45	0	Total Phosphorus (mg/L)	0.024
G379D	10/01/2007	10:45	0	Turbidity (NTU)	1.1
G379D	10/01/2007	10:50	24	Total Phosphorus (mg/L)	0.017
G379D	10/08/2007	10:35	0	Conductivity (µS/cm)	673.9
G379D	10/08/2007	10:35	0	Dissolved Oxygen (mg/L)	2.63
G379D	10/08/2007	10:35	0	pH	7.9
G379D	10/08/2007	10:35	0	Temperature (°C)	27.2
G379D	10/08/2007	10:35	0	Total Phosphorus (mg/L)	0.012
G379D	10/08/2007	10:40	24	Total Phosphorus (mg/L)	0.012
G379D	10/15/2007	10:30	0	Alkalinity (mg CaCO ₃ /L)	85
G379D	10/15/2007	10:30	0	Ammonia (mg N/L)	0.042
G379D	10/15/2007	10:30	0	Conductivity (µS/cm)	603.5
G379D	10/15/2007	10:30	0	Dissolved Chloride (mg/L)	106
G379D	10/15/2007	10:30	0	Dissolved Oxygen (mg/L)	5.97
G379D	10/15/2007	10:30	0	Nitrate + Nitrite (mg N/L)	0.021

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	10/15/2007	10:30	0	pH	8.8
G379D	10/15/2007	10:30	0	Sulfate (mg/L)	36.7
G379D	10/15/2007	10:30	0	Temperature (°C)	26.3
G379D	10/15/2007	10:30	0	Total Dissolved Phosphorus (mg/L)	0.007
G379D	10/15/2007	10:30	0	Total Phosphorus (mg/L)	0.014
G379D	10/15/2007	10:30	0	Turbidity (NTU)	1
G379D	10/15/2007	10:35	24	Total Phosphorus (mg/L)	0.019
G379D	10/22/2007	10:30	0	Conductivity (µS/cm)	585
G379D	10/22/2007	10:30	0	Dissolved Oxygen (mg/L)	4.21
G379D	10/22/2007	10:30	0	pH	8.5
G379D	10/22/2007	10:30	0	Temperature (°C)	28.1
G379D	10/22/2007	10:30	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	10/22/2007	10:30	0	Total Phosphorus (mg/L)	0.016
G379D	10/29/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	83
G379D	10/29/2007	10:50	0	Ammonia (mg N/L)	0.042
G379D	10/29/2007	10:50	0	Conductivity (µS/cm)	574
G379D	10/29/2007	10:50	0	Dissolved Chloride (mg/L)	102
G379D	10/29/2007	10:50	0	Dissolved Oxygen (mg/L)	6.07
G379D	10/29/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.014
G379D	10/29/2007	10:50	0	pH	8.2
G379D	10/29/2007	10:50	0	Sulfate (mg/L)	31
G379D	10/29/2007	10:50	0	Temperature (°C)	26.5
G379D	10/29/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	10/29/2007	10:50	0	Total Phosphorus (mg/L)	0.015
G379D	10/29/2007	10:50	0	Turbidity (NTU)	0.7
G379D	10/29/2007	10:55	24	Total Phosphorus (mg/L)	0.027
G379D	11/05/2007	10:55	0	Conductivity (µS/cm)	588.6
G379D	11/05/2007	10:55	0	Dissolved Oxygen (mg/L)	6.21
G379D	11/05/2007	10:55	0	pH	8.6
G379D	11/05/2007	10:55	0	Temperature (°C)	22.5
G379D	11/05/2007	10:55	0	Total Dissolved Phosphorus (mg/L)	0.007
G379D	11/05/2007	10:55	0	Total Phosphorus (mg/L)	0.014
G379D	11/13/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	90
G379D	11/13/2007	11:00	0	Ammonia (mg N/L)	0.037
G379D	11/13/2007	11:00	0	Conductivity (µS/cm)	610.9
G379D	11/13/2007	11:00	0	Dissolved Chloride (mg/L)	112
G379D	11/13/2007	11:00	0	Dissolved Oxygen (mg/L)	7.61
G379D	11/13/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.018
G379D	11/13/2007	11:00	0	pH	9.1
G379D	11/13/2007	11:00	0	Sulfate (mg/L)	31.8
G379D	11/13/2007	11:00	0	Temperature (°C)	22.9
G379D	11/13/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.007
G379D	11/13/2007	11:00	0	Total Phosphorus (mg/L)	0.015
G379D	11/13/2007	11:00	0	Turbidity (NTU)	1.2
G379D	11/19/2007	11:05	0	Conductivity (µS/cm)	689.4
G379D	11/19/2007	11:05	0	Dissolved Oxygen (mg/L)	6.86
G379D	11/19/2007	11:05	0	pH	8.2
G379D	11/19/2007	11:05	0	Temperature (°C)	21.2

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	11/19/2007	11:05	0	Total Dissolved Phosphorus (mg/L)	0.007
G379D	11/19/2007	11:05	0	Total Phosphorus (mg/L)	0.016
G379D	11/26/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	129
G379D	11/26/2007	10:50	0	Ammonia (mg N/L)	0.086
G379D	11/26/2007	10:50	0	Conductivity (μS/cm)	699.1
G379D	11/26/2007	10:50	0	Dissolved Chloride (mg/L)	121
G379D	11/26/2007	10:50	0	Dissolved Oxygen (mg/L)	4.38
G379D	11/26/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.018
G379D	11/26/2007	10:50	0	pH	8.2
G379D	11/26/2007	10:50	0	Sulfate (mg/L)	29.5
G379D	11/26/2007	10:50	0	Temperature (°C)	23.4
G379D	11/26/2007	10:50	0	Total Phosphorus (mg/L)	0.023
G379D	11/26/2007	10:50	0	Turbidity (NTU)	2.6
G379D	12/03/2007	10:50	0	Conductivity (μS/cm)	756.8
G379D	12/03/2007	10:50	0	Dissolved Oxygen (mg/L)	4.38
G379D	12/03/2007	10:50	0	pH	7.8
G379D	12/03/2007	10:50	0	Temperature (°C)	24.9
G379D	12/03/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.01
G379D	12/03/2007	10:50	0	Total Phosphorus (mg/L)	0.023
G379D	12/10/2007	10:15	0	Alkalinity (mg CaCO ₃ /L)	146
G379D	12/10/2007	10:15	0	Ammonia (mg N/L)	0.056
G379D	12/10/2007	10:15	0	Conductivity (μS/cm)	730.7
G379D	12/10/2007	10:15	0	Dissolved Chloride (mg/L)	129
G379D	12/10/2007	10:15	0	Dissolved Oxygen (mg/L)	6.32
G379D	12/10/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.019
G379D	12/10/2007	10:15	0	pH	8.3
G379D	12/10/2007	10:15	0	Sulfate (mg/L)	27
G379D	12/10/2007	10:15	0	Temperature (°C)	23.6
G379D	12/10/2007	10:15	0	Total Dissolved Phosphorus (mg/L)	0.009
G379D	12/10/2007	10:15	0	Total Phosphorus (mg/L)	0.023
G379D	12/10/2007	10:15	0	Turbidity (NTU)	1.3
G379D	12/17/2007	10:40	0	Conductivity (μS/cm)	752
G379D	12/17/2007	10:40	0	Dissolved Oxygen (mg/L)	4.69
G379D	12/17/2007	10:40	0	pH	7.7
G379D	12/17/2007	10:40	0	Temperature (°C)	20.9
G379D	12/17/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.012
G379D	12/17/2007	10:40	0	Total Phosphorus (mg/L)	0.022
G379D	12/26/2007	12:00	0	Alkalinity (mg CaCO ₃ /L)	142
G379D	12/26/2007	12:00	0	Ammonia (mg N/L)	0.083
G379D	12/26/2007	12:00	0	Conductivity (μS/cm)	762
G379D	12/26/2007	12:00	0	Dissolved Chloride (mg/L)	139
G379D	12/26/2007	12:00	0	Dissolved Oxygen (mg/L)	4.43
G379D	12/26/2007	12:00	0	Nitrate + Nitrite (mg N/L)	0.034
G379D	12/26/2007	12:00	0	pH	7.7
G379D	12/26/2007	12:00	0	Sulfate (mg/L)	26.4
G379D	12/26/2007	12:00	0	Temperature (°C)	21.5
G379D	12/26/2007	12:00	0	Total Dissolved Phosphorus (mg/L)	0.011
G379D	12/26/2007	12:00	0	Total Phosphorus (mg/L)	0.022

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	12/26/2007	12:00	0	Turbidity (NTU)	1.6
G379D	12/31/2007	10:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	777.3
G379D	12/31/2007	10:05	0	Dissolved Oxygen (mg/L)	5.6
G379D	12/31/2007	10:05	0	Temperature ($^{\circ}\text{C}$)	23.9
G379D	12/31/2007	10:05	0	Total Dissolved Phosphorus (mg/L)	0.026
G379D	12/31/2007	10:05	0	Total Phosphorus (mg/L)	0.026
G379D	01/07/2008	10:15	0	Alkalinity (mg CaCO_3/L)	141
G379D	01/07/2008	10:15	0	Ammonia (mg N/L)	0.066
G379D	01/07/2008	10:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	774
G379D	01/07/2008	10:15	0	Dissolved Chloride (mg/L)	147
G379D	01/07/2008	10:15	0	Dissolved Oxygen (mg/L)	8.49
G379D	01/07/2008	10:15	0	Nitrate + Nitrite (mg N/L)	0.018
G379D	01/07/2008	10:15	0	pH	8.4
G379D	01/07/2008	10:15	0	Sulfate (mg/L)	25.6
G379D	01/07/2008	10:15	0	Temperature ($^{\circ}\text{C}$)	18.9
G379D	01/07/2008	10:15	0	Total Dissolved Phosphorus (mg/L)	0.011
G379D	01/07/2008	10:15	0	Total Phosphorus (mg/L)	0.022
G379D	01/07/2008	10:15	0	Turbidity (NTU)	1.3
G379D	01/14/2008	10:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	841.8
G379D	01/14/2008	10:20	0	Dissolved Oxygen (mg/L)	4.38
G379D	01/14/2008	10:20	0	pH	7.8
G379D	01/14/2008	10:20	0	Temperature ($^{\circ}\text{C}$)	21.7
G379D	01/14/2008	10:20	0	Total Dissolved Phosphorus (mg/L)	0.016
G379D	01/14/2008	10:20	0	Total Phosphorus (mg/L)	0.044
G379D	01/22/2008	11:10	0	Alkalinity (mg CaCO_3/L)	187
G379D	01/22/2008	11:10	0	Ammonia (mg N/L)	0.067
G379D	01/22/2008	11:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	818.6
G379D	01/22/2008	11:10	0	Dissolved Chloride (mg/L)	143
G379D	01/22/2008	11:10	0	Dissolved Oxygen (mg/L)	5.51
G379D	01/22/2008	11:10	0	Nitrate + Nitrite (mg N/L)	0.014
G379D	01/22/2008	11:10	0	pH	8.4
G379D	01/22/2008	11:10	0	Sulfate (mg/L)	18.5
G379D	01/22/2008	11:10	0	Temperature ($^{\circ}\text{C}$)	19.1
G379D	01/22/2008	11:10	0	Total Dissolved Phosphorus (mg/L)	0.012
G379D	01/22/2008	11:10	0	Total Phosphorus (mg/L)	0.019
G379D	01/22/2008	11:10	0	Turbidity (NTU)	2.1
G379D	01/28/2008	10:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	867
G379D	01/28/2008	10:15	0	Dissolved Oxygen (mg/L)	4.23
G379D	01/28/2008	10:15	0	pH	7.3
G379D	01/28/2008	10:15	0	Temperature ($^{\circ}\text{C}$)	18.9
G379D	01/28/2008	10:15	0	Total Dissolved Phosphorus (mg/L)	0.013
G379D	01/28/2008	10:15	0	Total Phosphorus (mg/L)	0.024
G379D	02/04/2008	11:15	0	Alkalinity (mg CaCO_3/L)	177
G379D	02/04/2008	11:15	0	Ammonia (mg N/L)	0.103
G379D	02/04/2008	11:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	864
G379D	02/04/2008	11:15	0	Dissolved Chloride (mg/L)	153
G379D	02/04/2008	11:15	0	Dissolved Oxygen (mg/L)	5.3
G379D	02/04/2008	11:15	0	Nitrate + Nitrite (mg N/L)	0.014

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	02/04/2008	11:15	0	pH	7.8
G379D	02/04/2008	11:15	0	Sulfate (mg/L)	14.6
G379D	02/04/2008	11:15	0	Temperature (°C)	23.5
G379D	02/04/2008	11:15	0	Total Dissolved Phosphorus (mg/L)	0.011
G379D	02/04/2008	11:15	0	Total Phosphorus (mg/L)	0.03
G379D	02/04/2008	11:15	0	Turbidity (NTU)	2.3
G379D	02/11/2008	10:30	0	Conductivity (µS/cm)	884
G379D	02/11/2008	10:30	0	Dissolved Oxygen (mg/L)	4.11
G379D	02/11/2008	10:30	0	pH	7.7
G379D	02/11/2008	10:30	0	Temperature (°C)	21
G379D	02/11/2008	10:30	0	Total Dissolved Phosphorus (mg/L)	0.01
G379D	02/11/2008	10:30	0	Total Phosphorus (mg/L)	0.02
G379D	02/19/2008	11:30	0	Alkalinity (mg CaCO ₃ /L)	261
G379D	02/19/2008	11:30	0	Conductivity (µS/cm)	987
G379D	02/19/2008	11:30	0	Dissolved Chloride (mg/L)	135
G379D	02/19/2008	11:30	0	Dissolved Oxygen (mg/L)	4.63
G379D	02/19/2008	11:30	0	pH	7.6
G379D	02/19/2008	11:30	0	Sulfate (mg/L)	38.8
G379D	02/19/2008	11:30	0	Temperature (°C)	22.8
G379D	02/19/2008	11:30	0	Total Dissolved Phosphorus (mg/L)	0.009
G379D	02/19/2008	11:30	0	Total Phosphorus (mg/L)	0.018
G379D	02/19/2008	11:30	0	Turbidity (NTU)	1.4
G379D	02/19/2008	11:35	24	Total Phosphorus (mg/L)	0.02
G379D	02/25/2008	11:45	0	Conductivity (µS/cm)	928
G379D	02/25/2008	11:45	0	Dissolved Oxygen (mg/L)	3.56
G379D	02/25/2008	11:45	0	pH	7.4
G379D	02/25/2008	11:45	0	Temperature (°C)	24.5
G379D	02/25/2008	11:45	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	02/25/2008	11:45	0	Total Phosphorus (mg/L)	0.021
G379D	02/25/2008	11:50	24	Total Phosphorus (mg/L)	0.023
G379D	03/03/2008	12:15	0	Alkalinity (mg CaCO ₃ /L)	190
G379D	03/03/2008	12:15	0	Ammonia (mg N/L)	0.046
G379D	03/03/2008	12:15	0	Conductivity (µS/cm)	886.1
G379D	03/03/2008	12:15	0	Dissolved Chloride (mg/L)	125
G379D	03/03/2008	12:15	0	Dissolved Oxygen (mg/L)	9.41
G379D	03/03/2008	12:15	0	pH	8
G379D	03/03/2008	12:15	0	Sulfate (mg/L)	64.8
G379D	03/03/2008	12:15	0	Temperature (°C)	21.9
G379D	03/03/2008	12:15	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	03/03/2008	12:15	0	Turbidity (NTU)	1.2
G379D	03/03/2008	12:20	24	Total Phosphorus (mg/L)	0.019
G379D	03/10/2008	11:15	0	Conductivity (µS/cm)	864
G379D	03/10/2008	11:15	0	Dissolved Oxygen (mg/L)	6.38
G379D	03/10/2008	11:15	0	pH	7.2
G379D	03/10/2008	11:15	0	Temperature (°C)	18.6
G379D	03/10/2008	11:15	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	03/10/2008	11:15	0	Total Phosphorus (mg/L)	0.012
G379D	03/10/2008	11:20	24	Total Phosphorus (mg/L)	0.019

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	03/17/2008	11:05	0	Alkalinity (mg CaCO ₃ /L)	207
G379D	03/17/2008	11:05	0	Ammonia (mg N/L)	0.036
G379D	03/17/2008	11:05	0	Conductivity (μS/cm)	951
G379D	03/17/2008	11:05	0	Dissolved Chloride (mg/L)	138
G379D	03/17/2008	11:05	0	Dissolved Oxygen (mg/L)	5.81
G379D	03/17/2008	11:05	0	pH	7.6
G379D	03/17/2008	11:05	0	Sulfate (mg/L)	58.6
G379D	03/17/2008	11:05	0	Temperature (°C)	5.81
G379D	03/17/2008	11:05	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	03/17/2008	11:05	0	Total Phosphorus (mg/L)	0.018
G379D	03/17/2008	11:05	0	Turbidity (NTU)	1.3
G379D	03/17/2008	11:20	24	Total Phosphorus (mg/L)	0.017
G379D	03/24/2008	11:00	0	Conductivity (μS/cm)	799.1
G379D	03/24/2008	11:00	0	pH	7.5
G379D	03/24/2008	11:00	0	Temperature (°C)	21.9
G379D	03/24/2008	11:00	0	Total Phosphorus (mg/L)	0.022
G379D	03/24/2008	11:05	24	Total Phosphorus (mg/L)	0.022
G379D	03/31/2008	11:00	0	Alkalinity (mg CaCO ₃ /L)	158
G379D	03/31/2008	11:00	0	Ammonia (mg N/L)	0.026
G379D	03/31/2008	11:00	0	Conductivity (μS/cm)	778.1
G379D	03/31/2008	11:00	0	Dissolved Chloride (mg/L)	115
G379D	03/31/2008	11:00	0	Dissolved Oxygen (mg/L)	8.48
G379D	03/31/2008	11:00	0	pH	7.9
G379D	03/31/2008	11:00	0	Sulfate (mg/L)	56.3
G379D	03/31/2008	11:00	0	Temperature (°C)	25
G379D	03/31/2008	11:00	0	Total Phosphorus (mg/L)	0.021
G379D	03/31/2008	11:00	0	Turbidity (NTU)	1.4
G379D	03/31/2008	11:05	24	Total Phosphorus (mg/L)	0.019
G379D	04/07/2008	11:25	0	Conductivity (μS/cm)	568
G379D	04/07/2008	11:25	0	Dissolved Oxygen (mg/L)	5.25
G379D	04/07/2008	11:25	0	pH	7.9
G379D	04/07/2008	11:25	0	Temperature (°C)	24.1
G379D	04/07/2008	11:25	0	Total Dissolved Phosphorus (mg/L)	0.007
G379D	04/07/2008	11:25	0	Total Phosphorus (mg/L)	0.016
G379D	04/07/2008	11:30	24	Total Phosphorus (mg/L)	0.022
G379D	04/14/2008	10:25	0	Alkalinity (mg CaCO ₃ /L)	205
G379D	04/14/2008	10:25	0	Ammonia (mg N/L)	0.025
G379D	04/14/2008	10:25	0	Conductivity (μS/cm)	898
G379D	04/14/2008	10:25	0	Dissolved Chloride (mg/L)	126
G379D	04/14/2008	10:25	0	Dissolved Oxygen (mg/L)	5.23
G379D	04/14/2008	10:25	0	Nitrate + Nitrite (mg N/L)	0.01
G379D	04/14/2008	10:25	0	pH	7.6
G379D	04/14/2008	10:25	0	Sulfate (mg/L)	53.9
G379D	04/14/2008	10:25	0	Temperature (°C)	24.5
G379D	04/14/2008	10:25	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	04/14/2008	10:25	0	Total Phosphorus (mg/L)	0.016
G379D	04/14/2008	10:25	0	Turbidity (NTU)	1.2
G379D	04/21/2008	11:10	0	Conductivity (μS/cm)	763

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G379D	04/21/2008	11:10	0	Dissolved Oxygen (mg/L)	6.68
G379D	04/21/2008	11:10	0	pH	8.2
G379D	04/21/2008	11:10	0	Temperature (°C)	23.9
G379D	04/21/2008	11:10	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	04/21/2008	11:10	0	Total Phosphorus (mg/L)	0.019
G379D	04/21/2008	11:15	24	Total Phosphorus (mg/L)	0.017
G379D	04/28/2008	10:25	0	Alkalinity (mg CaCO ₃ /L)	100
G379D	04/28/2008	10:25	0	Ammonia (mg N/L)	0.036
G379D	04/28/2008	10:25	0	Conductivity (µS/cm)	758
G379D	04/28/2008	10:25	0	Dissolved Chloride (mg/L)	134
G379D	04/28/2008	10:25	0	Dissolved Oxygen (mg/L)	7.03
G379D	04/28/2008	10:25	0	Nitrate + Nitrite (mg N/L)	0.018
G379D	04/28/2008	10:25	0	pH	9
G379D	04/28/2008	10:25	0	Sulfate (mg/L)	54.8
G379D	04/28/2008	10:25	0	Temperature (°C)	26.2
G379D	04/28/2008	10:25	0	Total Dissolved Phosphorus (mg/L)	0.008
G379D	04/28/2008	10:25	0	Total Phosphorus (mg/L)	0.016
G379D	04/28/2008	10:25	0	Turbidity (NTU)	1.3
G381B	05/07/2007	10:50	0	Conductivity (µS/cm)	1142
G381B	05/07/2007	10:50	0	Dissolved Oxygen (mg/L)	2.74
G381B	05/07/2007	10:50	0	pH	7.9
G381B	05/07/2007	10:50	0	Temperature (°C)	26.1
G381B	05/07/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.028
G381B	05/07/2007	10:50	0	Total Phosphorus (mg/L)	0.084
G381B	05/14/2007	11:20	0	Alkalinity (mg CaCO ₃ /L)	239
G381B	05/14/2007	11:20	0	Ammonia (mg N/L)	0.284
G381B	05/14/2007	11:20	0	Conductivity (µS/cm)	1121
G381B	05/14/2007	11:20	0	Dissolved Chloride (mg/L)	217
G381B	05/14/2007	11:20	0	Dissolved Oxygen (mg/L)	4.02
G381B	05/14/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.157
G381B	05/14/2007	11:20	0	pH	7.9
G381B	05/14/2007	11:20	0	Sulfate (mg/L)	7.1
G381B	05/14/2007	11:20	0	Temperature (°C)	26.4
G381B	05/14/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.031
G381B	05/14/2007	11:20	0	Total Phosphorus (mg/L)	0.062
G381B	05/14/2007	11:20	0	Turbidity (NTU)	8.4
G381B	05/21/2007	10:40	0	Conductivity (µS/cm)	1166
G381B	05/21/2007	10:40	0	Dissolved Oxygen (mg/L)	5.26
G381B	05/21/2007	10:40	0	pH	8
G381B	05/21/2007	10:40	0	Temperature (°C)	26.9
G381B	05/21/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.026
G381B	05/21/2007	10:40	0	Total Phosphorus (mg/L)	0.057
G381B	05/29/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	234
G381B	05/29/2007	10:40	0	Ammonia (mg N/L)	0.33
G381B	05/29/2007	10:40	0	Conductivity (µS/cm)	1227
G381B	05/29/2007	10:40	0	Dissolved Chloride (mg/L)	232
G381B	05/29/2007	10:40	0	Dissolved Oxygen (mg/L)	5.22
G381B	05/29/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.199

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	05/29/2007	10:40	0	pH	7.9
G381B	05/29/2007	10:40	0	Sulfate (mg/L)	7.9
G381B	05/29/2007	10:40	0	Temperature (°C)	26.4
G381B	05/29/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.026
G381B	05/29/2007	10:40	0	Total Phosphorus (mg/L)	0.069
G381B	05/29/2007	10:40	0	Turbidity (NTU)	10.5
G381B	06/04/2007	11:15	0	Conductivity (µS/cm)	1039
G381B	06/04/2007	11:15	0	Dissolved Oxygen (mg/L)	5.43
G381B	06/04/2007	11:15	0	pH	7.9
G381B	06/04/2007	11:15	0	Temperature (°C)	26.9
G381B	06/04/2007	11:15	0	Total Dissolved Phosphorus (mg/L)	0.022
G381B	06/04/2007	11:15	0	Total Phosphorus (mg/L)	0.066
G381B	06/11/2007	12:30	0	Alkalinity (mg CaCO ₃ /L)	221
G381B	06/11/2007	12:30	0	Ammonia (mg N/L)	0.182
G381B	06/11/2007	12:30	0	Conductivity (µS/cm)	1007
G381B	06/11/2007	12:30	0	Dissolved Chloride (mg/L)	176
G381B	06/11/2007	12:30	0	Dissolved Oxygen (mg/L)	3.7
G381B	06/11/2007	12:30	0	Nitrate + Nitrite (mg N/L)	0.111
G381B	06/11/2007	12:30	0	pH	7.6
G381B	06/11/2007	12:30	0	Sulfate (mg/L)	11.8
G381B	06/11/2007	12:30	0	Temperature (°C)	29.3
G381B	06/11/2007	12:30	0	Total Dissolved Phosphorus (mg/L)	0.018
G381B	06/11/2007	12:30	0	Total Phosphorus (mg/L)	0.052
G381B	06/11/2007	12:30	0	Turbidity (NTU)	6.5
G381B	06/18/2007	11:40	0	Conductivity (µS/cm)	764
G381B	06/18/2007	11:40	0	Dissolved Oxygen (mg/L)	4.35
G381B	06/18/2007	11:40	0	pH	7.5
G381B	06/18/2007	11:40	0	Temperature (°C)	28.3
G381B	06/18/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.012
G381B	06/18/2007	11:40	0	Total Phosphorus (mg/L)	0.036
G381B	06/25/2007	11:10	0	Alkalinity (mg CaCO ₃ /L)	172
G381B	06/25/2007	11:10	0	Ammonia (mg N/L)	0.03
G381B	06/25/2007	11:10	0	Conductivity (µS/cm)	598.3
G381B	06/25/2007	11:10	0	Dissolved Chloride (mg/L)	83.5
G381B	06/25/2007	11:10	0	Dissolved Oxygen (mg/L)	4.81
G381B	06/25/2007	11:10	0	Nitrate + Nitrite (mg N/L)	0.011
G381B	06/25/2007	11:10	0	pH	7.8
G381B	06/25/2007	11:10	0	Sulfate (mg/L)	11.6
G381B	06/25/2007	11:10	0	Temperature (°C)	30.8
G381B	06/25/2007	11:10	0	Total Dissolved Phosphorus (mg/L)	0.014
G381B	06/25/2007	11:10	0	Total Phosphorus (mg/L)	0.042
G381B	06/25/2007	11:10	0	Turbidity (NTU)	2.6
G381B	06/25/2007	11:15	24	Total Phosphorus (mg/L)	0.048
G381B	07/02/2007	10:40	0	Conductivity (µS/cm)	653
G381B	07/02/2007	10:40	0	Dissolved Oxygen (mg/L)	2.74
G381B	07/02/2007	10:40	0	pH	7.9
G381B	07/02/2007	10:40	0	Temperature (°C)	30.3
G381B	07/02/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.012

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	07/02/2007	10:40	0	Total Phosphorus (mg/L)	0.036
G381B	07/09/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	174
G381B	07/09/2007	11:30	0	Ammonia (mg N/L)	0.032
G381B	07/09/2007	11:30	0	Conductivity (µS/cm)	657
G381B	07/09/2007	11:30	0	Dissolved Chloride (mg/L)	90.6
G381B	07/09/2007	11:30	0	Dissolved Oxygen (mg/L)	3.92
G381B	07/09/2007	11:30	0	Nitrate + Nitrite (mg N/L)	0.024
G381B	07/09/2007	11:30	0	pH	8.2
G381B	07/09/2007	11:30	0	Sulfate (mg/L)	12.8
G381B	07/09/2007	11:30	0	Temperature (°C)	31
G381B	07/09/2007	11:30	0	Total Dissolved Phosphorus (mg/L)	0.014
G381B	07/09/2007	11:30	0	Total Phosphorus (mg/L)	0.036
G381B	07/09/2007	11:30	0	Turbidity (NTU)	2.7
G381B	07/16/2007	11:40	0	Conductivity (µS/cm)	443.8
G381B	07/16/2007	11:40	0	Dissolved Oxygen (mg/L)	4.31
G381B	07/16/2007	11:40	0	pH	8.1
G381B	07/16/2007	11:40	0	Temperature (°C)	30.6
G381B	07/16/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.008
G381B	07/16/2007	11:40	0	Total Phosphorus (mg/L)	0.022
G381B	07/16/2007	11:45	24	Total Phosphorus (mg/L)	0.026
G381B	07/23/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	132
G381B	07/23/2007	10:50	0	Ammonia (mg N/L)	0.06
G381B	07/23/2007	10:50	0	Conductivity (µS/cm)	492
G381B	07/23/2007	10:50	0	Dissolved Chloride (mg/L)	67.5
G381B	07/23/2007	10:50	0	Dissolved Oxygen (mg/L)	2.91
G381B	07/23/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.018
G381B	07/23/2007	10:50	0	pH	7.6
G381B	07/23/2007	10:50	0	Sulfate (mg/L)	12.6
G381B	07/23/2007	10:50	0	Temperature (°C)	29.1
G381B	07/23/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.01
G381B	07/23/2007	10:50	0	Total Phosphorus (mg/L)	0.022
G381B	07/23/2007	10:50	0	Turbidity (NTU)	1.8
G381B	07/23/2007	10:55	24	Total Phosphorus (mg/L)	0.023
G381B	07/30/2007	11:45	0	Conductivity (µS/cm)	517.1
G381B	07/30/2007	11:45	0	Dissolved Oxygen (mg/L)	3.4
G381B	07/30/2007	11:45	0	pH	7.5
G381B	07/30/2007	11:45	0	Temperature (°C)	29.6
G381B	07/30/2007	11:45	0	Total Dissolved Phosphorus (mg/L)	0.008
G381B	07/30/2007	11:45	0	Total Phosphorus (mg/L)	0.017
G381B	07/30/2007	11:50	24	Total Phosphorus (mg/L)	0.018
G381B	08/06/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	193
G381B	08/06/2007	11:25	0	Ammonia (mg N/L)	0.026
G381B	08/06/2007	11:25	0	Conductivity (µS/cm)	625
G381B	08/06/2007	11:25	0	Dissolved Chloride (mg/L)	71.6
G381B	08/06/2007	11:25	0	Dissolved Oxygen (mg/L)	4.43
G381B	08/06/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.005
G381B	08/06/2007	11:25	0	pH	7.4
G381B	08/06/2007	11:25	0	Sulfate (mg/L)	21

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	08/06/2007	11:25	0	Temperature (°C)	31.4
G381B	08/06/2007	11:25	0	Total Dissolved Phosphorus (mg/L)	0.011
G381B	08/06/2007	11:25	0	Total Phosphorus (mg/L)	0.015
G381B	08/06/2007	11:25	0	Turbidity (NTU)	0.8
G381B	08/06/2007	11:30	24	Total Phosphorus (mg/L)	0.017
G381B	08/13/2007	10:40	0	Conductivity (µS/cm)	807
G381B	08/13/2007	10:40	0	Dissolved Oxygen (mg/L)	6.34
G381B	08/13/2007	10:40	0	pH	7.7
G381B	08/13/2007	10:40	0	Temperature (°C)	31.8
G381B	08/13/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.07
G381B	08/13/2007	10:40	0	Total Phosphorus (mg/L)	0.076
G381B	08/13/2007	10:45	24	Total Phosphorus (mg/L)	0.052
G381B	08/20/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	165
G381B	08/20/2007	11:25	0	Ammonia (mg N/L)	0.046
G381B	08/20/2007	11:25	0	Conductivity (µS/cm)	788.1
G381B	08/20/2007	11:25	0	Dissolved Chloride (mg/L)	110
G381B	08/20/2007	11:25	0	Dissolved Oxygen (mg/L)	5.71
G381B	08/20/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.011
G381B	08/20/2007	11:25	0	pH	7.8
G381B	08/20/2007	11:25	0	Sulfate (mg/L)	61.2
G381B	08/20/2007	11:25	0	Temperature (°C)	30.2
G381B	08/20/2007	11:25	0	Total Dissolved Phosphorus (mg/L)	0.014
G381B	08/20/2007	11:25	0	Total Phosphorus (mg/L)	0.023
G381B	08/20/2007	11:25	0	Turbidity (NTU)	1.2
G381B	08/20/2007	11:30	24	Total Phosphorus (mg/L)	0.034
G381B	08/27/2007	10:45	0	Conductivity (µS/cm)	729.6
G381B	08/27/2007	10:45	0	Dissolved Oxygen (mg/L)	5.95
G381B	08/27/2007	10:45	0	pH	7.8
G381B	08/27/2007	10:45	0	Temperature (°C)	29.3
G381B	08/27/2007	10:45	0	Total Dissolved Phosphorus (mg/L)	0.01
G381B	08/27/2007	10:45	0	Total Phosphorus (mg/L)	0.019
G381B	09/04/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	177
G381B	09/04/2007	10:40	0	Ammonia (mg N/L)	0.028
G381B	09/04/2007	10:40	0	Conductivity (µS/cm)	790.3
G381B	09/04/2007	10:40	0	Dissolved Chloride (mg/L)	112
G381B	09/04/2007	10:40	0	Dissolved Oxygen (mg/L)	5.64
G381B	09/04/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.01
G381B	09/04/2007	10:40	0	pH	7.7
G381B	09/04/2007	10:40	0	Sulfate (mg/L)	44.1
G381B	09/04/2007	10:40	0	Temperature (°C)	30.8
G381B	09/04/2007	10:40	0	Total Dissolved Phosphorus (mg/L)	0.009
G381B	09/04/2007	10:40	0	Total Phosphorus (mg/L)	0.014
G381B	09/04/2007	10:40	0	Turbidity (NTU)	1.1
G381B	09/04/2007	10:45	24	Total Phosphorus (mg/L)	0.017
G381B	09/10/2007	10:25	0	Conductivity (µS/cm)	782
G381B	09/10/2007	10:25	0	Dissolved Oxygen (mg/L)	4.46
G381B	09/10/2007	10:25	0	pH	7.6
G381B	09/10/2007	10:25	0	Temperature (°C)	29.2

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	09/10/2007	10:25	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	09/10/2007	10:25	0	Total Phosphorus (mg/L)	0.018
G381B	09/10/2007	10:30	24	Total Phosphorus (mg/L)	0.024
G381B	09/17/2007	12:10	0	Alkalinity (mg CaCO ₃ /L)	153
G381B	09/17/2007	12:10	0	Ammonia (mg N/L)	0.022
G381B	09/17/2007	12:10	0	Conductivity (μS/cm)	761
G381B	09/17/2007	12:10	0	Dissolved Chloride (mg/L)	116
G381B	09/17/2007	12:10	0	Dissolved Oxygen (mg/L)	5.33
G381B	09/17/2007	12:10	0	Nitrate + Nitrite (mg N/L)	<0.00
					5
G381B	09/17/2007	12:10	0	pH	7.7
G381B	09/17/2007	12:10	0	Sulfate (mg/L)	42.5
G381B	09/17/2007	12:10	0	Temperature (°C)	30.4
G381B	09/17/2007	12:10	0	Total Dissolved Phosphorus (mg/L)	0.028
G381B	09/17/2007	12:10	0	Total Phosphorus (mg/L)	0.045
G381B	09/17/2007	12:10	0	Turbidity (NTU)	1.4
G381B	09/17/2007	12:15	24	Total Phosphorus (mg/L)	0.02
G381B	09/24/2007	10:35	0	Conductivity (μS/cm)	836
G381B	09/24/2007	10:35	0	Dissolved Oxygen (mg/L)	2.53
G381B	09/24/2007	10:35	0	pH	7.4
G381B	09/24/2007	10:35	0	Temperature (°C)	26.7
G381B	09/24/2007	10:35	0	Total Dissolved Phosphorus (mg/L)	0.01
G381B	09/24/2007	10:35	0	Total Phosphorus (mg/L)	0.015
G381B	09/24/2007	10:40	24	Total Phosphorus (mg/L)	0.019
G381B	10/01/2007	11:20	0	Alkalinity (mg CaCO ₃ /L)	242
G381B	10/01/2007	11:20	0	Ammonia (mg N/L)	0.03
G381B	10/01/2007	11:20	0	Conductivity (μS/cm)	870.9
G381B	10/01/2007	11:20	0	Dissolved Chloride (mg/L)	95.6
G381B	10/01/2007	11:20	0	Dissolved Oxygen (mg/L)	3.76
G381B	10/01/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.012
G381B	10/01/2007	11:20	0	pH	7.5
G381B	10/01/2007	11:20	0	Sulfate (mg/L)	60.5
G381B	10/01/2007	11:20	0	Temperature (°C)	25.1
G381B	10/01/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.009
G381B	10/01/2007	11:20	0	Total Phosphorus (mg/L)	0.01
G381B	10/01/2007	11:20	0	Turbidity (NTU)	0.9
G381B	10/01/2007	11:25	24	Total Phosphorus (mg/L)	0.012
G381B	10/08/2007	11:05	0	Conductivity (μS/cm)	926.3
G381B	10/08/2007	11:05	0	Dissolved Oxygen (mg/L)	3.28
G381B	10/08/2007	11:05	0	pH	7.6
G381B	10/08/2007	11:05	0	Temperature (°C)	27.7
G381B	10/08/2007	11:05	0	Total Phosphorus (mg/L)	0.009
G381B	10/08/2007	11:10	24	Total Phosphorus (mg/L)	0.012
G381B	10/15/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	145
G381B	10/15/2007	11:00	0	Ammonia (mg N/L)	0.032
G381B	10/15/2007	11:00	0	Conductivity (μS/cm)	793.4
G381B	10/15/2007	11:00	0	Dissolved Chloride (mg/L)	113
G381B	10/15/2007	11:00	0	Dissolved Oxygen (mg/L)	7.19

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	10/15/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.009
G381B	10/15/2007	11:00	0	pH	8.2
G381B	10/15/2007	11:00	0	Sulfate (mg/L)	70.2
G381B	10/15/2007	11:00	0	Temperature (°C)	26.4
G381B	10/15/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	10/15/2007	11:00	0	Total Phosphorus (mg/L)	0.017
G381B	10/15/2007	11:00	0	Turbidity (NTU)	1.3
G381B	10/15/2007	11:05	24	Total Phosphorus (mg/L)	0.018
G381B	10/22/2007	11:00	0	Conductivity (µS/cm)	819
G381B	10/22/2007	11:00	0	Dissolved Oxygen (mg/L)	2.29
G381B	10/22/2007	11:00	0	pH	7.3
G381B	10/22/2007	11:00	0	Temperature (°C)	27.1
G381B	10/22/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	10/22/2007	11:00	0	Total Phosphorus (mg/L)	0.013
G381B	10/22/2007	11:05	24	Total Phosphorus (mg/L)	0.023
G381B	10/29/2007	11:15	0	Alkalinity (mg CaCO ₃ /L)	231
G381B	10/29/2007	11:15	0	Ammonia (mg N/L)	0.025
G381B	10/29/2007	11:15	0	Conductivity (µS/cm)	952
G381B	10/29/2007	11:15	0	Dissolved Chloride (mg/L)	121
G381B	10/29/2007	11:15	0	Dissolved Oxygen (mg/L)	4.51
G381B	10/29/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.005
G381B	10/29/2007	11:15	0	pH	7.5
G381B	10/29/2007	11:15	0	Sulfate (mg/L)	55.8
G381B	10/29/2007	11:15	0	Temperature (°C)	25.6
G381B	10/29/2007	11:15	0	Total Dissolved Phosphorus (mg/L)	0.006
G381B	10/29/2007	11:15	0	Total Phosphorus (mg/L)	0.009
G381B	10/29/2007	11:15	0	Turbidity (NTU)	0.6
G381B	10/29/2007	11:20	24	Total Phosphorus (mg/L)	0.014
G381B	11/05/2007	11:20	0	Conductivity (µS/cm)	906
G381B	11/05/2007	11:20	0	Dissolved Oxygen (mg/L)	8.42
G381B	11/05/2007	11:20	0	pH	7.8
G381B	11/05/2007	11:20	0	Temperature (°C)	22.7
G381B	11/05/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	11/05/2007	11:20	0	Total Phosphorus (mg/L)	0.011
G381B	11/05/2007	11:25	24	Total Phosphorus (mg/L)	0.011
G381B	11/13/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	159
G381B	11/13/2007	11:25	0	Ammonia (mg N/L)	0.02
G381B	11/13/2007	11:25	0	Conductivity (µS/cm)	849.7
G381B	11/13/2007	11:25	0	Dissolved Chloride (mg/L)	129
G381B	11/13/2007	11:25	0	Dissolved Oxygen (mg/L)	8.47
G381B	11/13/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.006
G381B	11/13/2007	11:25	0	pH	8.3
G381B	11/13/2007	11:25	0	Sulfate (mg/L)	67
G381B	11/13/2007	11:25	0	Temperature (°C)	22.6
G381B	11/13/2007	11:25	0	Total Dissolved Phosphorus (mg/L)	0.006
G381B	11/13/2007	11:25	0	Total Phosphorus (mg/L)	0.012
G381B	11/13/2007	11:25	0	Turbidity (NTU)	1.1
G381B	11/19/2007	11:25	0	Conductivity (µS/cm)	830.5

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	11/19/2007	11:25	0	Dissolved Oxygen (mg/L)	8.26
G381B	11/19/2007	11:25	0	pH	8.2
G381B	11/19/2007	11:25	0	Temperature (°C)	21.3
G381B	11/19/2007	11:25	0	Total Dissolved Phosphorus (mg/L)	0.006
G381B	11/19/2007	11:25	0	Total Phosphorus (mg/L)	0.015
G381B	11/26/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	147
G381B	11/26/2007	11:05	0	Ammonia (mg N/L)	0.045
G381B	11/26/2007	11:05	0	Conductivity (µS/cm)	830.6
G381B	11/26/2007	11:05	0	Dissolved Chloride (mg/L)	132
G381B	11/26/2007	11:05	0	Dissolved Oxygen (mg/L)	4.17
G381B	11/26/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.013
G381B	11/26/2007	11:05	0	pH	7.9
G381B	11/26/2007	11:05	0	Sulfate (mg/L)	64.9
G381B	11/26/2007	11:05	0	Temperature (°C)	22.9
G381B	11/26/2007	11:05	0	Total Phosphorus (mg/L)	0.014
G381B	11/26/2007	11:05	0	Turbidity (NTU)	1.7
G381B	12/03/2007	11:20	0	Conductivity (µS/cm)	841.2
G381B	12/03/2007	11:20	0	Dissolved Oxygen (mg/L)	4.92
G381B	12/03/2007	11:20	0	pH	7.9
G381B	12/03/2007	11:20	0	Temperature (°C)	24.9
G381B	12/03/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.009
G381B	12/03/2007	11:20	0	Total Phosphorus (mg/L)	0.017
G381B	12/10/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	132
G381B	12/10/2007	10:50	0	Ammonia (mg N/L)	0.036
G381B	12/10/2007	10:50	0	Conductivity (µS/cm)	814.5
G381B	12/10/2007	10:50	0	Dissolved Chloride (mg/L)	141
G381B	12/10/2007	10:50	0	Dissolved Oxygen (mg/L)	7.83
G381B	12/10/2007	10:50	0	Nitrate + Nitrite (mg N/L)	0.011
G381B	12/10/2007	10:50	0	pH	8.6
G381B	12/10/2007	10:50	0	Sulfate (mg/L)	64.1
G381B	12/10/2007	10:50	0	Temperature (°C)	23.5
G381B	12/10/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	12/10/2007	10:50	0	Total Phosphorus (mg/L)	0.017
G381B	12/10/2007	10:50	0	Turbidity (NTU)	1.1
G381B	12/17/2007	11:05	0	Conductivity (µS/cm)	860
G381B	12/17/2007	11:05	0	Dissolved Oxygen (mg/L)	6.22
G381B	12/17/2007	11:05	0	pH	8
G381B	12/17/2007	11:05	0	Temperature (°C)	19.9
G381B	12/17/2007	11:05	0	Total Dissolved Phosphorus (mg/L)	0.009
G381B	12/17/2007	11:05	0	Total Phosphorus (mg/L)	0.014
G381B	12/26/2007	12:40	0	Alkalinity (mg CaCO ₃ /L)	136
G381B	12/26/2007	12:40	0	Ammonia (mg N/L)	0.039
G381B	12/26/2007	12:40	0	Conductivity (µS/cm)	867
G381B	12/26/2007	12:40	0	Dissolved Chloride (mg/L)	154
G381B	12/26/2007	12:40	0	Dissolved Oxygen (mg/L)	0.03
G381B	12/26/2007	12:40	0	Nitrate + Nitrite (mg N/L)	0.006
G381B	12/26/2007	12:40	0	pH	8.4
G381B	12/26/2007	12:40	0	Sulfate (mg/L)	62.5

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	12/26/2007	12:40	0	Temperature (°C)	22
G381B	12/26/2007	12:40	0	Total Dissolved Phosphorus (mg/L)	0.008
G381B	12/26/2007	12:40	0	Total Phosphorus (mg/L)	0.018
G381B	12/26/2007	12:40	0	Turbidity (NTU)	1
G381B	12/31/2007	10:30	0	Conductivity (µS/cm)	877.9
G381B	12/31/2007	10:30	0	Dissolved Oxygen (mg/L)	5.94
G381B	12/31/2007	10:30	0	Temperature (°C)	23.4
G381B	12/31/2007	10:30	0	Total Dissolved Phosphorus (mg/L)	0.017
G381B	12/31/2007	10:30	0	Total Phosphorus (mg/L)	0.017
G381B	01/07/2008	10:45	0	Alkalinity (mg CaCO ₃ /L)	148
G381B	01/07/2008	10:45	0	Ammonia (mg N/L)	0.035
G381B	01/07/2008	10:45	0	Conductivity (µS/cm)	892
G381B	01/07/2008	10:45	0	Dissolved Chloride (mg/L)	163
G381B	01/07/2008	10:45	0	Dissolved Oxygen (mg/L)	11.1
G381B	01/07/2008	10:45	0	Nitrate + Nitrite (mg N/L)	<0.00
					5
G381B	01/07/2008	10:45	0	pH	8.6
G381B	01/07/2008	10:45	0	Sulfate (mg/L)	59.8
G381B	01/07/2008	10:45	0	Temperature (°C)	18.9
G381B	01/07/2008	10:45	0	Total Dissolved Phosphorus (mg/L)	0.008
G381B	01/07/2008	10:45	0	Total Phosphorus (mg/L)	0.018
G381B	01/07/2008	10:45	0	Turbidity (NTU)	1
G381B	01/14/2008	10:55	0	Conductivity (µS/cm)	932.4
G381B	01/14/2008	10:55	0	Dissolved Oxygen (mg/L)	6.2
G381B	01/14/2008	10:55	0	pH	8.2
G381B	01/14/2008	10:55	0	Temperature (°C)	21.5
G381B	01/14/2008	10:55	0	Total Dissolved Phosphorus (mg/L)	0.009
G381B	01/14/2008	10:55	0	Total Phosphorus (mg/L)	0.019
G381B	01/22/2008	11:25	0	Alkalinity (mg CaCO ₃ /L)	149
G381B	01/22/2008	11:25	0	Ammonia (mg N/L)	0.046
G381B	01/22/2008	11:25	0	Conductivity (µS/cm)	918.5
G381B	01/22/2008	11:25	0	Dissolved Chloride (mg/L)	164
G381B	01/22/2008	11:25	0	Dissolved Oxygen (mg/L)	8.36
G381B	01/22/2008	11:25	0	Nitrate + Nitrite (mg N/L)	0.01
G381B	01/22/2008	11:25	0	pH	9
G381B	01/22/2008	11:25	0	Sulfate (mg/L)	55.2
G381B	01/22/2008	11:25	0	Temperature (°C)	19.5
G381B	01/22/2008	11:25	0	Total Dissolved Phosphorus (mg/L)	0.01
G381B	01/22/2008	11:25	0	Total Phosphorus (mg/L)	0.02
G381B	01/22/2008	11:25	0	Turbidity (NTU)	1.1
G381B	01/28/2008	10:40	0	Conductivity (µS/cm)	954
G381B	01/28/2008	10:40	0	Dissolved Oxygen (mg/L)	6.24
G381B	01/28/2008	10:40	0	pH	7.9
G381B	01/28/2008	10:40	0	Temperature (°C)	18.4
G381B	01/28/2008	10:40	0	Total Phosphorus (mg/L)	0.018
G381B	02/04/2008	11:45	0	Alkalinity (mg CaCO ₃ /L)	168
G381B	02/04/2008	11:45	0	Ammonia (mg N/L)	0.034
G381B	02/04/2008	11:45	0	Conductivity (µS/cm)	967

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	02/04/2008	11:45	0	Dissolved Chloride (mg/L)	168
G381B	02/04/2008	11:45	0	Dissolved Oxygen (mg/L)	6.57
G381B	02/04/2008	11:45	0	Nitrate + Nitrite (mg N/L)	0.005
G381B	02/04/2008	11:45	0	pH	8
G381B	02/04/2008	11:45	0	Sulfate (mg/L)	51.8
G381B	02/04/2008	11:45	0	Temperature (°C)	22.7
G381B	02/04/2008	11:45	0	Total Dissolved Phosphorus (mg/L)	0.01
G381B	02/04/2008	11:45	0	Total Phosphorus (mg/L)	0.026
G381B	02/04/2008	11:45	0	Turbidity (NTU)	1.9
G381B	02/11/2008	10:50	0	Conductivity (µS/cm)	950
G381B	02/11/2008	10:50	0	Dissolved Oxygen (mg/L)	6.51
G381B	02/11/2008	10:50	0	pH	8.2
G381B	02/11/2008	10:50	0	Temperature (°C)	21.2
G381B	02/11/2008	10:50	0	Total Dissolved Phosphorus (mg/L)	0.01
G381B	02/11/2008	10:50	0	Total Phosphorus (mg/L)	0.024
G381B	02/19/2008	12:25	0	Alkalinity (mg CaCO ₃ /L)	231
G381B	02/19/2008	12:25	0	Ammonia (mg N/L)	0.066
G381B	02/19/2008	12:25	0	Conductivity (µS/cm)	944
G381B	02/19/2008	12:25	0	Dissolved Chloride (mg/L)	121
G381B	02/19/2008	12:25	0	Dissolved Oxygen (mg/L)	5.52
G381B	02/19/2008	12:25	0	Nitrate + Nitrite (mg N/L)	2.29
G381B	02/19/2008	12:25	0	pH	7.5
G381B	02/19/2008	12:25	0	Sulfate (mg/L)	54.1
G381B	02/19/2008	12:25	0	Temperature (°C)	22.7
G381B	02/19/2008	12:25	0	Total Dissolved Phosphorus (mg/L)	0.008
G381B	02/19/2008	12:25	0	Total Phosphorus (mg/L)	0.015
G381B	02/19/2008	12:25	0	Turbidity (NTU)	1
G381B	02/19/2008	12:30	24	Total Phosphorus (mg/L)	0.019
G381B	02/25/2008	12:15	0	Conductivity (µS/cm)	992
G381B	02/25/2008	12:15	0	Dissolved Oxygen (mg/L)	5.47
G381B	02/25/2008	12:15	0	pH	7.4
G381B	02/25/2008	12:15	0	Temperature (°C)	25.4
G381B	02/25/2008	12:15	0	Total Dissolved Phosphorus (mg/L)	0.008
G381B	02/25/2008	12:15	0	Total Phosphorus (mg/L)	0.014
G381B	02/25/2008	12:20	24	Total Phosphorus (mg/L)	0.015
G381B	03/03/2008	12:50	0	Alkalinity (mg CaCO ₃ /L)	188
G381B	03/03/2008	12:50	0	Ammonia (mg N/L)	0.036
G381B	03/03/2008	12:50	0	Conductivity (µS/cm)	892.2
G381B	03/03/2008	12:50	0	Dissolved Chloride (mg/L)	126
G381B	03/03/2008	12:50	0	Dissolved Oxygen (mg/L)	10.1
G381B	03/03/2008	12:50	0	pH	8
G381B	03/03/2008	12:50	0	Sulfate (mg/L)	66.4
G381B	03/03/2008	12:50	0	Temperature (°C)	21.9
G381B	03/03/2008	12:50	0	Total Dissolved Phosphorus (mg/L)	0.008
G381B	03/03/2008	12:50	0	Turbidity (NTU)	1.3
G381B	03/03/2008	12:55	24	Total Phosphorus (mg/L)	0.013
G381B	03/10/2008	11:50	0	Conductivity (µS/cm)	836
G381B	03/10/2008	11:50	0	Dissolved Oxygen (mg/L)	7.37

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	03/10/2008	11:50	0	pH	7.8
G381B	03/10/2008	11:50	0	Temperature (°C)	20.7
G381B	03/10/2008	11:50	0	Total Dissolved Phosphorus (mg/L)	0.009
G381B	03/10/2008	11:50	0	Total Phosphorus (mg/L)	0.015
G381B	03/10/2008	11:55	24	Total Phosphorus (mg/L)	0.018
G381B	03/17/2008	12:00	0	Alkalinity (mg CaCO ₃ /L)	216
G381B	03/17/2008	12:00	0	Conductivity (µS/cm)	907.1
G381B	03/17/2008	12:00	0	Dissolved Chloride (mg/L)	115
G381B	03/17/2008	12:00	0	Dissolved Oxygen (mg/L)	7.31
G381B	03/17/2008	12:00	0	pH	7.6
G381B	03/17/2008	12:00	0	Sulfate (mg/L)	63
G381B	03/17/2008	12:00	0	Temperature (°C)	26.1
G381B	03/17/2008	12:00	0	Turbidity (NTU)	1.1
G381B	03/17/2008	12:05	24	Total Phosphorus (mg/L)	0.013
G381B	03/19/2008	9:50	0	Ammonia (mg N/L)	0.048
G381B	03/19/2008	9:50	0	Nitrate + Nitrite (mg N/L)	0.109
G381B	03/19/2008	9:50	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	03/19/2008	9:50	0	Total Phosphorus (mg/L)	0.013
G381B	03/24/2008	11:30	0	Conductivity (µS/cm)	770
G381B	03/24/2008	11:30	0	pH	7.7
G381B	03/24/2008	11:30	0	Temperature (°C)	22.4
G381B	03/24/2008	11:30	0	Total Phosphorus (mg/L)	0.021
G381B	03/31/2008	11:30	0	Alkalinity (mg CaCO ₃ /L)	132
G381B	03/31/2008	11:30	0	Ammonia (mg N/L)	0.034
G381B	03/31/2008	11:30	0	Conductivity (µS/cm)	730.5
G381B	03/31/2008	11:30	0	Dissolved Chloride (mg/L)	110
G381B	03/31/2008	11:30	0	Dissolved Oxygen (mg/L)	6.97
G381B	03/31/2008	11:30	0	pH	8
G381B	03/31/2008	11:30	0	Sulfate (mg/L)	60
G381B	03/31/2008	11:30	0	Temperature (°C)	25.7
G381B	03/31/2008	11:30	0	Total Phosphorus (mg/L)	0.019
G381B	03/31/2008	11:30	0	Turbidity (NTU)	1
G381B	03/31/2008	11:35	24	Total Phosphorus (mg/L)	0.018
G381B	04/07/2008	12:30	0	Conductivity (µS/cm)	625
G381B	04/07/2008	12:30	0	Dissolved Oxygen (mg/L)	6.11
G381B	04/07/2008	12:30	0	pH	7.6
G381B	04/07/2008	12:30	0	Temperature (°C)	24.7
G381B	04/07/2008	12:30	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	04/07/2008	12:30	0	Total Phosphorus (mg/L)	0.016
G381B	04/07/2008	12:35	24	Total Phosphorus (mg/L)	0.019
G381B	04/14/2008	11:00	0	Alkalinity (mg CaCO ₃ /L)	228
G381B	04/14/2008	11:00	0	Ammonia (mg N/L)	0.036
G381B	04/14/2008	11:00	0	Conductivity (µS/cm)	981
G381B	04/14/2008	11:00	0	Dissolved Chloride (mg/L)	134
G381B	04/14/2008	11:00	0	Dissolved Oxygen (mg/L)	5.26
G381B	04/14/2008	11:00	0	Nitrate + Nitrite (mg N/L)	0.043
G381B	04/14/2008	11:00	0	pH	7.6
G381B	04/14/2008	11:00	0	Sulfate (mg/L)	60.4

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381B	04/14/2008	11:00	0	Temperature (°C)	25.6
G381B	04/14/2008	11:00	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	04/14/2008	11:00	0	Total Phosphorus (mg/L)	0.017
G381B	04/14/2008	11:00	0	Turbidity (NTU)	1.2
G381B	04/14/2008	11:05	24	Total Phosphorus (mg/L)	0.016
G381B	04/21/2008	11:50	0	Conductivity (µS/cm)	898
G381B	04/21/2008	11:50	0	Dissolved Oxygen (mg/L)	7.78
G381B	04/21/2008	11:50	0	pH	7.9
G381B	04/21/2008	11:50	0	Temperature (°C)	25.8
G381B	04/21/2008	11:50	0	Total Dissolved Phosphorus (mg/L)	0.006
G381B	04/21/2008	11:50	0	Total Phosphorus (mg/L)	0.018
G381B	04/28/2008	10:55	0	Alkalinity (mg CaCO ₃ /L)	140
G381B	04/28/2008	10:55	0	Ammonia (mg N/L)	0.03
G381B	04/28/2008	10:55	0	Conductivity (µS/cm)	877
G381B	04/28/2008	10:55	0	Dissolved Chloride (mg/L)	142
G381B	04/28/2008	10:55	0	Dissolved Oxygen (mg/L)	5.31
G381B	04/28/2008	10:55	0	Nitrate + Nitrite (mg N/L)	0.01
G381B	04/28/2008	10:55	0	pH	8.2
G381B	04/28/2008	10:55	0	Sulfate (mg/L)	64.2
G381B	04/28/2008	10:55	0	Temperature (°C)	26.8
G381B	04/28/2008	10:55	0	Total Dissolved Phosphorus (mg/L)	0.007
G381B	04/28/2008	10:55	0	Total Phosphorus (mg/L)	0.024
G381B	04/28/2008	10:55	0	Turbidity (NTU)	1.9
G381E	05/07/2007	11:10	0	Conductivity (µS/cm)	1153
G381E	05/07/2007	11:10	0	Dissolved Oxygen (mg/L)	3.32
G381E	05/07/2007	11:10	0	pH	8
G381E	05/07/2007	11:10	0	Temperature (°C)	27.2
G381E	05/07/2007	11:10	0	Total Dissolved Phosphorus (mg/L)	0.035
G381E	05/07/2007	11:10	0	Total Phosphorus (mg/L)	0.081
G381E	05/14/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	244
G381E	05/14/2007	11:40	0	Ammonia (mg N/L)	0.244
G381E	05/14/2007	11:40	0	Conductivity (µS/cm)	1124
G381E	05/14/2007	11:40	0	Dissolved Chloride (mg/L)	196
G381E	05/14/2007	11:40	0	Dissolved Oxygen (mg/L)	3.92
G381E	05/14/2007	11:40	0	Nitrate + Nitrite (mg N/L)	0.169
G381E	05/14/2007	11:40	0	pH	7.8
G381E	05/14/2007	11:40	0	Sulfate (mg/L)	12
G381E	05/14/2007	11:40	0	Temperature (°C)	25.7
G381E	05/14/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.036
G381E	05/14/2007	11:40	0	Total Phosphorus (mg/L)	0.066
G381E	05/14/2007	11:40	0	Turbidity (NTU)	11.6
G381E	05/21/2007	11:00	0	Conductivity (µS/cm)	1156
G381E	05/21/2007	11:00	0	Dissolved Oxygen (mg/L)	5.87
G381E	05/21/2007	11:00	0	pH	8
G381E	05/21/2007	11:00	0	Temperature (°C)	27.1
G381E	05/21/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.032
G381E	05/21/2007	11:00	0	Total Phosphorus (mg/L)	0.063
G381E	05/29/2007	10:55	0	Alkalinity (mg CaCO ₃ /L)	240

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	05/29/2007	10:55	0	Ammonia (mg N/L)	0.102
G381E	05/29/2007	10:55	0	Conductivity (μ S/cm)	1135
G381E	05/29/2007	10:55	0	Dissolved Chloride (mg/L)	203
G381E	05/29/2007	10:55	0	Dissolved Oxygen (mg/L)	6.36
G381E	05/29/2007	10:55	0	Nitrate + Nitrite (mg N/L)	0.171
G381E	05/29/2007	10:55	0	pH	8.1
G381E	05/29/2007	10:55	0	Sulfate (mg/L)	13.9
G381E	05/29/2007	10:55	0	Temperature ($^{\circ}$ C)	26.7
G381E	05/29/2007	10:55	0	Total Dissolved Phosphorus (mg/L)	0.025
G381E	05/29/2007	10:55	0	Total Phosphorus (mg/L)	0.062
G381E	05/29/2007	10:55	0	Turbidity (NTU)	11.3
G381E	06/04/2007	11:35	0	Conductivity (μ S/cm)	920.7
G381E	06/04/2007	11:35	0	Dissolved Oxygen (mg/L)	5.99
G381E	06/04/2007	11:35	0	pH	8
G381E	06/04/2007	11:35	0	Temperature ($^{\circ}$ C)	27.5
G381E	06/04/2007	11:35	0	Total Dissolved Phosphorus (mg/L)	0.021
G381E	06/04/2007	11:35	0	Total Phosphorus (mg/L)	0.056
G381E	06/11/2007	13:05	0	Alkalinity (mg CaCO ₃ /L)	232
G381E	06/11/2007	13:05	0	Ammonia (mg N/L)	0.085
G381E	06/11/2007	13:05	0	Conductivity (μ S/cm)	980.9
G381E	06/11/2007	13:05	0	Dissolved Chloride (mg/L)	162
G381E	06/11/2007	13:05	0	Dissolved Oxygen (mg/L)	4.98
G381E	06/11/2007	13:05	0	Nitrate + Nitrite (mg N/L)	0.151
G381E	06/11/2007	13:05	0	pH	7.8
G381E	06/11/2007	13:05	0	Sulfate (mg/L)	17.8
G381E	06/11/2007	13:05	0	Temperature ($^{\circ}$ C)	30.2
G381E	06/11/2007	13:05	0	Total Dissolved Phosphorus (mg/L)	0.016
G381E	06/11/2007	13:05	0	Total Phosphorus (mg/L)	0.044
G381E	06/11/2007	13:05	0	Turbidity (NTU)	6.4
G381E	06/18/2007	11:55	0	Conductivity (μ S/cm)	679
G381E	06/18/2007	11:55	0	Dissolved Oxygen (mg/L)	4.09
G381E	06/18/2007	11:55	0	pH	7.5
G381E	06/18/2007	11:55	0	Temperature ($^{\circ}$ C)	30.3
G381E	06/18/2007	11:55	0	Total Dissolved Phosphorus (mg/L)	0.013
G381E	06/18/2007	11:55	0	Total Phosphorus (mg/L)	0.041
G381E	06/25/2007	11:45	0	Alkalinity (mg CaCO ₃ /L)	174
G381E	06/25/2007	11:45	0	Ammonia (mg N/L)	0.021
G381E	06/25/2007	11:45	0	Conductivity (μ S/cm)	588.3
G381E	06/25/2007	11:45	0	Dissolved Chloride (mg/L)	73.8
G381E	06/25/2007	11:45	0	Dissolved Oxygen (mg/L)	4.63
G381E	06/25/2007	11:45	0	Nitrate + Nitrite (mg N/L)	0.013
G381E	06/25/2007	11:45	0	pH	7.7
G381E	06/25/2007	11:45	0	Sulfate (mg/L)	24
G381E	06/25/2007	11:45	0	Temperature ($^{\circ}$ C)	31.9
G381E	06/25/2007	11:45	0	Total Dissolved Phosphorus (mg/L)	0.015
G381E	06/25/2007	11:45	0	Total Phosphorus (mg/L)	0.039
G381E	06/25/2007	11:45	0	Turbidity (NTU)	2.7
G381E	06/25/2007	11:50	24	Total Phosphorus (mg/L)	0.055

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	07/02/2007	11:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	636
G381E	07/02/2007	11:00	0	Dissolved Oxygen (mg/L)	2.72
G381E	07/02/2007	11:00	0	pH	7.7
G381E	07/02/2007	11:00	0	Temperature ($^{\circ}\text{C}$)	29.8
G381E	07/02/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.013
G381E	07/02/2007	11:00	0	Total Phosphorus (mg/L)	0.035
G381E	07/09/2007	11:45	0	Alkalinity (mg CaCO_3/L)	171
G381E	07/09/2007	11:45	0	Ammonia (mg N/L)	0.029
G381E	07/09/2007	11:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	642
G381E	07/09/2007	11:45	0	Dissolved Chloride (mg/L)	84.4
G381E	07/09/2007	11:45	0	Dissolved Oxygen (mg/L)	3.55
G381E	07/09/2007	11:45	0	Nitrate + Nitrite (mg N/L)	0.024
G381E	07/09/2007	11:45	0	pH	8
G381E	07/09/2007	11:45	0	Sulfate (mg/L)	17.3
G381E	07/09/2007	11:45	0	Temperature ($^{\circ}\text{C}$)	30.6
G381E	07/09/2007	11:45	0	Total Dissolved Phosphorus (mg/L)	0.014
G381E	07/09/2007	11:45	0	Total Phosphorus (mg/L)	0.035
G381E	07/09/2007	11:45	0	Turbidity (NTU)	2
G381E	07/16/2007	12:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	474.1
G381E	07/16/2007	12:00	0	Dissolved Oxygen (mg/L)	3.38
G381E	07/16/2007	12:00	0	pH	7.6
G381E	07/16/2007	12:00	0	Temperature ($^{\circ}\text{C}$)	29.2
G381E	07/16/2007	12:00	0	Total Dissolved Phosphorus (mg/L)	0.011
G381E	07/16/2007	12:00	0	Total Phosphorus (mg/L)	0.028
G381E	07/16/2007	12:05	24	Total Phosphorus (mg/L)	0.035
G381E	07/23/2007	11:15	0	Alkalinity (mg CaCO_3/L)	130
G381E	07/23/2007	11:15	0	Ammonia (mg N/L)	0.044
G381E	07/23/2007	11:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	474
G381E	07/23/2007	11:15	0	Dissolved Chloride (mg/L)	62.8
G381E	07/23/2007	11:15	0	Dissolved Oxygen (mg/L)	4.14
G381E	07/23/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.025
G381E	07/23/2007	11:15	0	pH	7.6
G381E	07/23/2007	11:15	0	Sulfate (mg/L)	14.6
G381E	07/23/2007	11:15	0	Temperature ($^{\circ}\text{C}$)	29.1
G381E	07/23/2007	11:15	0	Total Dissolved Phosphorus (mg/L)	0.01
G381E	07/23/2007	11:15	0	Total Phosphorus (mg/L)	0.027
G381E	07/23/2007	11:15	0	Turbidity (NTU)	1.3
G381E	07/30/2007	12:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	415.6
G381E	07/30/2007	12:10	0	Dissolved Oxygen (mg/L)	2.96
G381E	07/30/2007	12:10	0	pH	7.4
G381E	07/30/2007	12:10	0	Temperature ($^{\circ}\text{C}$)	30.5
G381E	07/30/2007	12:10	0	Total Dissolved Phosphorus (mg/L)	0.008
G381E	07/30/2007	12:10	0	Total Phosphorus (mg/L)	0.022
G381E	08/06/2007	11:50	0	Alkalinity (mg CaCO_3/L)	173
G381E	08/06/2007	11:50	0	Ammonia (mg N/L)	0.024
G381E	08/06/2007	11:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	558
G381E	08/06/2007	11:50	0	Dissolved Chloride (mg/L)	38.9
G381E	08/06/2007	11:50	0	Dissolved Oxygen (mg/L)	6.4

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	08/06/2007	11:50	0	Nitrate + Nitrite (mg N/L)	0.009
G381E	08/06/2007	11:50	0	pH	7.5
G381E	08/06/2007	11:50	0	Sulfate (mg/L)	10.7
G381E	08/06/2007	11:50	0	Temperature (°C)	32.7
G381E	08/06/2007	11:50	0	Total Dissolved Phosphorus (mg/L)	0.01
G381E	08/06/2007	11:50	0	Total Phosphorus (mg/L)	0.013
G381E	08/06/2007	11:50	0	Turbidity (NTU)	0.7
G381E	08/06/2007	11:55	24	Total Phosphorus (mg/L)	0.021
G381E	08/13/2007	11:10	0	Conductivity (µS/cm)	881
G381E	08/13/2007	11:10	0	Dissolved Oxygen (mg/L)	3.19
G381E	08/13/2007	11:10	0	pH	7.3
G381E	08/13/2007	11:10	0	Temperature (°C)	30.2
G381E	08/13/2007	11:10	0	Total Dissolved Phosphorus (mg/L)	0.009
G381E	08/13/2007	11:10	0	Total Phosphorus (mg/L)	0.015
G381E	08/13/2007	11:15	24	Total Phosphorus (mg/L)	0.014
G381E	08/20/2007	12:00	0	Alkalinity (mg CaCO ₃ /L)	163
G381E	08/20/2007	12:00	0	Ammonia (mg N/L)	0.06
G381E	08/20/2007	12:00	0	Conductivity (µS/cm)	748.7
G381E	08/20/2007	12:00	0	Dissolved Chloride (mg/L)	109
G381E	08/20/2007	12:00	0	Dissolved Oxygen (mg/L)	4.75
G381E	08/20/2007	12:00	0	Nitrate + Nitrite (mg N/L)	0.013
G381E	08/20/2007	12:00	0	pH	7.6
G381E	08/20/2007	12:00	0	Sulfate (mg/L)	44.8
G381E	08/20/2007	12:00	0	Temperature (°C)	30.4
G381E	08/20/2007	12:00	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	08/20/2007	12:00	0	Total Phosphorus (mg/L)	0.02
G381E	08/20/2007	12:00	0	Turbidity (NTU)	1.8
G381E	08/27/2007	11:10	0	Conductivity (µS/cm)	690.6
G381E	08/27/2007	11:10	0	Dissolved Oxygen (mg/L)	4.27
G381E	08/27/2007	11:10	0	pH	7.7
G381E	08/27/2007	11:10	0	Temperature (°C)	29.3
G381E	08/27/2007	11:10	0	Total Dissolved Phosphorus (mg/L)	0.009
G381E	08/27/2007	11:10	0	Total Phosphorus (mg/L)	0.02
G381E	09/04/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	170
G381E	09/04/2007	11:05	0	Ammonia (mg N/L)	0.042
G381E	09/04/2007	11:05	0	Conductivity (µS/cm)	754
G381E	09/04/2007	11:05	0	Dissolved Chloride (mg/L)	104
G381E	09/04/2007	11:05	0	Dissolved Oxygen (mg/L)	4.69
G381E	09/04/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.011
G381E	09/04/2007	11:05	0	pH	7.6
G381E	09/04/2007	11:05	0	Sulfate (mg/L)	41.5
G381E	09/04/2007	11:05	0	Temperature (°C)	30.5
G381E	09/04/2007	11:05	0	Total Dissolved Phosphorus (mg/L)	0.009
G381E	09/04/2007	11:05	0	Total Phosphorus (mg/L)	0.019
G381E	09/04/2007	11:05	0	Turbidity (NTU)	1.8
G381E	09/04/2007	11:10	24	Total Phosphorus (mg/L)	0.016
G381E	09/10/2007	10:50	0	Conductivity (µS/cm)	751
G381E	09/10/2007	10:50	0	Dissolved Oxygen (mg/L)	4.6

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	09/10/2007	10:50	0	pH	7.5
G381E	09/10/2007	10:50	0	Temperature (°C)	29.2
G381E	09/10/2007	10:50	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	09/10/2007	10:50	0	Total Phosphorus (mg/L)	0.016
G381E	09/17/2007	12:40	0	Alkalinity (mg CaCO ₃ /L)	149
G381E	09/17/2007	12:40	0	Ammonia (mg N/L)	0.026
G381E	09/17/2007	12:40	0	Conductivity (µS/cm)	733
G381E	09/17/2007	12:40	0	Dissolved Chloride (mg/L)	110
G381E	09/17/2007	12:40	0	Dissolved Oxygen (mg/L)	5.83
G381E	09/17/2007	12:40	0	Nitrate + Nitrite (mg N/L)	<0.00
					5
G381E	09/17/2007	12:40	0	pH	7.7
G381E	09/17/2007	12:40	0	Sulfate (mg/L)	40
G381E	09/17/2007	12:40	0	Temperature (°C)	31.3
G381E	09/17/2007	12:40	0	Total Dissolved Phosphorus (mg/L)	0.04
G381E	09/17/2007	12:40	0	Total Phosphorus (mg/L)	0.054
G381E	09/17/2007	12:40	0	Turbidity (NTU)	1.4
G381E	09/17/2007	12:45	24	Total Phosphorus (mg/L)	0.055
G381E	09/24/2007	11:00	0	Conductivity (µS/cm)	800
G381E	09/24/2007	11:00	0	Dissolved Oxygen (mg/L)	2.55
G381E	09/24/2007	11:00	0	pH	7.3
G381E	09/24/2007	11:00	0	Temperature (°C)	27
G381E	09/24/2007	11:00	0	Total Dissolved Phosphorus (mg/L)	0.012
G381E	09/24/2007	11:00	0	Total Phosphorus (mg/L)	0.016
G381E	09/24/2007	11:05	24	Total Phosphorus (mg/L)	0.024
G381E	10/01/2007	11:45	0	Alkalinity (mg CaCO ₃ /L)	242
G381E	10/01/2007	11:45	0	Ammonia (mg N/L)	0.034
G381E	10/01/2007	11:45	0	Conductivity (µS/cm)	867.7
G381E	10/01/2007	11:45	0	Dissolved Chloride (mg/L)	94.8
G381E	10/01/2007	11:45	0	Dissolved Oxygen (mg/L)	3.59
G381E	10/01/2007	11:45	0	Nitrate + Nitrite (mg N/L)	0.006
G381E	10/01/2007	11:45	0	pH	7.5
G381E	10/01/2007	11:45	0	Sulfate (mg/L)	58.8
G381E	10/01/2007	11:45	0	Temperature (°C)	25.3
G381E	10/01/2007	11:45	0	Total Dissolved Phosphorus (mg/L)	0.006
G381E	10/01/2007	11:45	0	Total Phosphorus (mg/L)	0.01
G381E	10/01/2007	11:45	0	Turbidity (NTU)	0.9
G381E	10/01/2007	11:50	24	Total Phosphorus (mg/L)	0.013
G381E	10/08/2007	11:30	0	Conductivity (µS/cm)	898.2
G381E	10/08/2007	11:30	0	Dissolved Oxygen (mg/L)	4.32
G381E	10/08/2007	11:30	0	pH	7.7
G381E	10/08/2007	11:30	0	Temperature (°C)	28.1
G381E	10/08/2007	11:30	0	Total Phosphorus (mg/L)	0.009
G381E	10/08/2007	11:35	24	Total Phosphorus (mg/L)	0.018
G381E	10/15/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	206
G381E	10/15/2007	11:25	0	Ammonia (mg N/L)	0.044
G381E	10/15/2007	11:25	0	Conductivity (µS/cm)	843.9
G381E	10/15/2007	11:25	0	Dissolved Chloride (mg/L)	103

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	10/15/2007	11:25	0	Dissolved Oxygen (mg/L)	5.71
G381E	10/15/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.016
G381E	10/15/2007	11:25	0	pH	7.8
G381E	10/15/2007	11:25	0	Sulfate (mg/L)	61.9
G381E	10/15/2007	11:25	0	Temperature (°C)	26.8
G381E	10/15/2007	11:25	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	10/15/2007	11:25	0	Total Phosphorus (mg/L)	0.014
G381E	10/15/2007	11:25	0	Turbidity (NTU)	1.2
G381E	10/15/2007	11:30	24	Total Phosphorus (mg/L)	0.018
G381E	10/22/2007	11:20	0	Conductivity (µS/cm)	745
G381E	10/22/2007	11:20	0	Dissolved Oxygen (mg/L)	3.4
G381E	10/22/2007	11:20	0	pH	7.3
G381E	10/22/2007	11:20	0	Temperature (°C)	27.5
G381E	10/22/2007	11:20	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	10/22/2007	11:20	0	Total Phosphorus (mg/L)	0.014
G381E	10/22/2007	11:25	24	Total Phosphorus (mg/L)	0.018
G381E	10/29/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	237
G381E	10/29/2007	11:40	0	Ammonia (mg N/L)	0.025
G381E	10/29/2007	11:40	0	Conductivity (µS/cm)	931
G381E	10/29/2007	11:40	0	Dissolved Chloride (mg/L)	115
G381E	10/29/2007	11:40	0	Dissolved Oxygen (mg/L)	3.68
G381E	10/29/2007	11:40	0	Nitrate + Nitrite (mg N/L)	<0.00 5
G381E	10/29/2007	11:40	0	pH	7.3
G381E	10/29/2007	11:40	0	Sulfate (mg/L)	59.8
G381E	10/29/2007	11:40	0	Temperature (°C)	25.8
G381E	10/29/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.006
G381E	10/29/2007	11:40	0	Total Phosphorus (mg/L)	0.009
G381E	10/29/2007	11:40	0	Turbidity (NTU)	0.8
G381E	10/29/2007	11:45	24	Total Phosphorus (mg/L)	0.008
G381E	11/05/2007	11:50	0	Conductivity (µS/cm)	828
G381E	11/05/2007	11:50	0	Dissolved Oxygen (mg/L)	6.68
G381E	11/05/2007	11:50	0	pH	7.7
G381E	11/05/2007	11:50	0	Temperature (°C)	22
G381E	11/05/2007	11:50	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	11/05/2007	11:50	0	Total Phosphorus (mg/L)	0.014
G381E	11/05/2007	11:55	24	Total Phosphorus (mg/L)	0.01
G381E	11/13/2007	11:45	0	Alkalinity (mg CaCO ₃ /L)	186
G381E	11/13/2007	11:45	0	Ammonia (mg N/L)	0.03
G381E	11/13/2007	11:45	0	Conductivity (µS/cm)	842.1
G381E	11/13/2007	11:45	0	Dissolved Chloride (mg/L)	117
G381E	11/13/2007	11:45	0	Dissolved Oxygen (mg/L)	7.48
G381E	11/13/2007	11:45	0	Nitrate + Nitrite (mg N/L)	0.013
G381E	11/13/2007	11:45	0	pH	8
G381E	11/13/2007	11:45	0	Sulfate (mg/L)	58.1
G381E	11/13/2007	11:45	0	Temperature (°C)	22.9
G381E	11/13/2007	11:45	0	Total Dissolved Phosphorus (mg/L)	0.006
G381E	11/13/2007	11:45	0	Total Phosphorus (mg/L)	0.013

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	11/13/2007	11:45	0	Turbidity (NTU)	1.4
G381E	11/19/2007	11:45	0	Conductivity (μ S/cm)	816.3
G381E	11/19/2007	11:45	0	Dissolved Oxygen (mg/L)	7.29
G381E	11/19/2007	11:45	0	pH	7.7
G381E	11/19/2007	11:45	0	Temperature ($^{\circ}$ C)	21.9
G381E	11/19/2007	11:45	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	11/19/2007	11:45	0	Total Phosphorus (mg/L)	0.015
G381E	11/26/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	173
G381E	11/26/2007	11:30	0	Ammonia (mg N/L)	0.054
G381E	11/26/2007	11:30	0	Conductivity (μ S/cm)	821.3
G381E	11/26/2007	11:30	0	Dissolved Chloride (mg/L)	120
G381E	11/26/2007	11:30	0	Dissolved Oxygen (mg/L)	4.65
G381E	11/26/2007	11:30	0	Nitrate + Nitrite (mg N/L)	0.021
G381E	11/26/2007	11:30	0	pH	7.7
G381E	11/26/2007	11:30	0	Sulfate (mg/L)	55.5
G381E	11/26/2007	11:30	0	Temperature ($^{\circ}$ C)	23.5
G381E	11/26/2007	11:30	0	Total Phosphorus (mg/L)	0.016
G381E	11/26/2007	11:30	0	Turbidity (NTU)	2.4
G381E	12/03/2007	11:40	0	Conductivity (μ S/cm)	831.2
G381E	12/03/2007	11:40	0	Dissolved Oxygen (mg/L)	5.17
G381E	12/03/2007	11:40	0	pH	7.6
G381E	12/03/2007	11:40	0	Temperature ($^{\circ}$ C)	25.4
G381E	12/03/2007	11:40	0	Total Dissolved Phosphorus (mg/L)	0.008
G381E	12/03/2007	11:40	0	Total Phosphorus (mg/L)	0.017
G381E	12/10/2007	11:10	0	Alkalinity (mg CaCO ₃ /L)	160
G381E	12/10/2007	11:10	0	Ammonia (mg N/L)	0.054
G381E	12/10/2007	11:10	0	Conductivity (μ S/cm)	817.7
G381E	12/10/2007	11:10	0	Dissolved Chloride (mg/L)	129
G381E	12/10/2007	11:10	0	Dissolved Oxygen (mg/L)	5.74
G381E	12/10/2007	11:10	0	Nitrate + Nitrite (mg N/L)	0.017
G381E	12/10/2007	11:10	0	pH	7.8
G381E	12/10/2007	11:10	0	Sulfate (mg/L)	55.4
G381E	12/10/2007	11:10	0	Temperature ($^{\circ}$ C)	23.4
G381E	12/10/2007	11:10	0	Total Dissolved Phosphorus (mg/L)	0.008
G381E	12/10/2007	11:10	0	Total Phosphorus (mg/L)	0.019
G381E	12/10/2007	11:10	0	Turbidity (NTU)	2.8
G381E	12/17/2007	11:25	0	Conductivity (μ S/cm)	858
G381E	12/17/2007	11:25	0	Dissolved Oxygen (mg/L)	5.82
G381E	12/17/2007	11:25	0	pH	7.8
G381E	12/17/2007	11:25	0	Temperature ($^{\circ}$ C)	20.6
G381E	12/17/2007	11:25	0	Total Dissolved Phosphorus (mg/L)	0.009
G381E	12/17/2007	11:25	0	Total Phosphorus (mg/L)	0.017
G381E	12/26/2007	13:10	0	Alkalinity (mg CaCO ₃ /L)	149
G381E	12/26/2007	13:10	0	Ammonia (mg N/L)	0.046
G381E	12/26/2007	13:10	0	Conductivity (μ S/cm)	837
G381E	12/26/2007	13:10	0	Dissolved Chloride (mg/L)	141
G381E	12/26/2007	13:10	0	Dissolved Oxygen (mg/L)	0.34
G381E	12/26/2007	13:10	0	Nitrate + Nitrite (mg N/L)	0.014

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	12/26/2007	13:10	0	pH	8
G381E	12/26/2007	13:10	0	Sulfate (mg/L)	54.5
G381E	12/26/2007	13:10	0	Temperature (°C)	22.7
G381E	12/26/2007	13:10	0	Total Dissolved Phosphorus (mg/L)	0.009
G381E	12/26/2007	13:10	0	Total Phosphorus (mg/L)	0.02
G381E	12/26/2007	13:10	0	Turbidity (NTU)	1.4
G381E	12/31/2007	10:45	0	Conductivity (µS/cm)	876.4
G381E	12/31/2007	10:45	0	Dissolved Oxygen (mg/L)	5.18
G381E	12/31/2007	10:45	0	Temperature (°C)	24
G381E	12/31/2007	10:45	0	Total Dissolved Phosphorus (mg/L)	0.019
G381E	12/31/2007	10:45	0	Total Phosphorus (mg/L)	0.019
G381E	01/07/2008	11:15	0	Alkalinity (mg CaCO ₃ /L)	151
G381E	01/07/2008	11:15	0	Ammonia (mg N/L)	0.052
G381E	01/07/2008	11:15	0	Conductivity (µS/cm)	875.2
G381E	01/07/2008	11:15	0	Dissolved Chloride (mg/L)	157
G381E	01/07/2008	11:15	0	Dissolved Oxygen (mg/L)	10
G381E	01/07/2008	11:15	0	Nitrate + Nitrite (mg N/L)	0.01
G381E	01/07/2008	11:15	0	pH	8.3
G381E	01/07/2008	11:15	0	Sulfate (mg/L)	58.6
G381E	01/07/2008	11:15	0	Temperature (°C)	18.2
G381E	01/07/2008	11:15	0	Total Dissolved Phosphorus (mg/L)	0.009
G381E	01/07/2008	11:15	0	Total Phosphorus (mg/L)	0.017
G381E	01/07/2008	11:15	0	Turbidity (NTU)	1
G381E	01/14/2008	11:15	0	Conductivity (µS/cm)	913.5
G381E	01/14/2008	11:15	0	Dissolved Oxygen (mg/L)	6.06
G381E	01/14/2008	11:15	0	pH	8
G381E	01/14/2008	11:15	0	Temperature (°C)	21.7
G381E	01/14/2008	11:15	0	Total Dissolved Phosphorus (mg/L)	0.01
G381E	01/14/2008	11:15	0	Total Phosphorus (mg/L)	0.021
G381E	01/22/2008	11:40	0	Alkalinity (mg CaCO ₃ /L)	171
G381E	01/22/2008	11:40	0	Ammonia (mg N/L)	0.09
G381E	01/22/2008	11:40	0	Conductivity (µS/cm)	872.4
G381E	01/22/2008	11:40	0	Dissolved Chloride (mg/L)	144
G381E	01/22/2008	11:40	0	Dissolved Oxygen (mg/L)	7.02
G381E	01/22/2008	11:40	0	Nitrate + Nitrite (mg N/L)	0.04
G381E	01/22/2008	11:40	0	pH	8.5
G381E	01/22/2008	11:40	0	Sulfate (mg/L)	47.3
G381E	01/22/2008	11:40	0	Temperature (°C)	19
G381E	01/22/2008	11:40	0	Total Dissolved Phosphorus (mg/L)	0.011
G381E	01/22/2008	11:40	0	Total Phosphorus (mg/L)	0.02
G381E	01/22/2008	11:40	0	Turbidity (NTU)	2.5
G381E	01/28/2008	11:05	0	Conductivity (µS/cm)	920
G381E	01/28/2008	11:05	0	Dissolved Oxygen (mg/L)	4.38
G381E	01/28/2008	11:05	0	pH	7.4
G381E	01/28/2008	11:05	0	Temperature (°C)	18.6
G381E	01/28/2008	11:05	0	Total Phosphorus (mg/L)	0.018
G381E	02/04/2008	12:20	0	Alkalinity (mg CaCO ₃ /L)	181
G381E	02/04/2008	12:20	0	Ammonia (mg N/L)	0.065

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	02/04/2008	12:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	946
G381E	02/04/2008	12:20	0	Dissolved Chloride (mg/L)	158
G381E	02/04/2008	12:20	0	Dissolved Oxygen (mg/L)	5.51
G381E	02/04/2008	12:20	0	Nitrate + Nitrite (mg N/L)	0.031
G381E	02/04/2008	12:20	0	pH	7.8
G381E	02/04/2008	12:20	0	Sulfate (mg/L)	48.3
G381E	02/04/2008	12:20	0	Temperature ($^{\circ}\text{C}$)	23.2
G381E	02/04/2008	12:20	0	Total Dissolved Phosphorus (mg/L)	0.01
G381E	02/04/2008	12:20	0	Total Phosphorus (mg/L)	0.023
G381E	02/04/2008	12:20	0	Turbidity (NTU)	2.6
G381E	02/11/2008	11:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	938
G381E	02/11/2008	11:10	0	Dissolved Oxygen (mg/L)	4.84
G381E	02/11/2008	11:10	0	pH	7.8
G381E	02/11/2008	11:10	0	Temperature ($^{\circ}\text{C}$)	21.2
G381E	02/11/2008	11:10	0	Total Dissolved Phosphorus (mg/L)	0.008
G381E	02/11/2008	11:10	0	Total Phosphorus (mg/L)	0.021
G381E	02/19/2008	13:00	0	Alkalinity (mg CaCO_3/L)	232
G381E	02/19/2008	13:00	0	Ammonia (mg N/L)	0.13
G381E	02/19/2008	13:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	946.7
G381E	02/19/2008	13:00	0	Dissolved Chloride (mg/L)	118
G381E	02/19/2008	13:00	0	Dissolved Oxygen (mg/L)	4.65
G381E	02/19/2008	13:00	0	Nitrate + Nitrite (mg N/L)	2.947
G381E	02/19/2008	13:00	0	pH	7.5
G381E	02/19/2008	13:00	0	Sulfate (mg/L)	59.6
G381E	02/19/2008	13:00	0	Temperature ($^{\circ}\text{C}$)	22.9
G381E	02/19/2008	13:00	0	Total Dissolved Phosphorus (mg/L)	0.008
G381E	02/19/2008	13:00	0	Total Phosphorus (mg/L)	0.017
G381E	02/19/2008	13:00	0	Turbidity (NTU)	0.8
G381E	02/19/2008	13:05	24	Total Phosphorus (mg/L)	0.02
G381E	02/25/2008	13:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	992
G381E	02/25/2008	13:00	0	Dissolved Oxygen (mg/L)	8.19
G381E	02/25/2008	13:00	0	pH	7.5
G381E	02/25/2008	13:00	0	Temperature ($^{\circ}\text{C}$)	26.6
G381E	02/25/2008	13:00	0	Total Dissolved Phosphorus (mg/L)	0.008
G381E	02/25/2008	13:00	0	Total Phosphorus (mg/L)	0.014
G381E	02/25/2008	13:05	24	Total Phosphorus (mg/L)	0.017
G381E	03/03/2008	13:20	0	Alkalinity (mg CaCO_3/L)	198
G381E	03/03/2008	13:20	0	Ammonia (mg N/L)	0.041
G381E	03/03/2008	13:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	906.2
G381E	03/03/2008	13:20	0	Dissolved Chloride (mg/L)	127
G381E	03/03/2008	13:20	0	Dissolved Oxygen (mg/L)	8.36
G381E	03/03/2008	13:20	0	pH	7.8
G381E	03/03/2008	13:20	0	Sulfate (mg/L)	65.8
G381E	03/03/2008	13:20	0	Temperature ($^{\circ}\text{C}$)	22.5
G381E	03/03/2008	13:20	0	Total Dissolved Phosphorus (mg/L)	0.008
G381E	03/03/2008	13:20	0	Turbidity (NTU)	1.2
G381E	03/03/2008	13:25	24	Total Phosphorus (mg/L)	0.027
G381E	03/10/2008	12:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	844

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	03/10/2008	12:25	0	Dissolved Oxygen (mg/L)	6.49
G381E	03/10/2008	12:25	0	pH	7.8
G381E	03/10/2008	12:25	0	Temperature (°C)	21.6
G381E	03/10/2008	12:25	0	Total Dissolved Phosphorus (mg/L)	0.009
G381E	03/10/2008	12:25	0	Total Phosphorus (mg/L)	0.018
G381E	03/17/2008	12:40	0	Alkalinity (mg CaCO ₃ /L)	221
G381E	03/17/2008	12:40	0	Ammonia (mg N/L)	0.051
G381E	03/17/2008	12:40	0	Conductivity (µS/cm)	920.6
G381E	03/17/2008	12:40	0	Dissolved Chloride (mg/L)	116
G381E	03/17/2008	12:40	0	Dissolved Oxygen (mg/L)	7.43
G381E	03/17/2008	12:40	0	Nitrate + Nitrite (mg N/L)	0.274
G381E	03/17/2008	12:40	0	pH	7.7
G381E	03/17/2008	12:40	0	Sulfate (mg/L)	65.6
G381E	03/17/2008	12:40	0	Temperature (°C)	26
G381E	03/17/2008	12:40	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	03/17/2008	12:40	0	Total Phosphorus (mg/L)	0.014
G381E	03/17/2008	12:40	0	Turbidity (NTU)	0.9
G381E	03/17/2008	12:45	24	Total Phosphorus (mg/L)	0.014
G381E	03/24/2008	11:45	0	Conductivity (µS/cm)	809.6
G381E	03/24/2008	11:45	0	pH	7.6
G381E	03/24/2008	11:45	0	Temperature (°C)	22.4
G381E	03/24/2008	11:45	0	Total Phosphorus (mg/L)	0.016
G381E	03/31/2008	12:00	0	Alkalinity (mg CaCO ₃ /L)	142
G381E	03/31/2008	12:00	0	Ammonia (mg N/L)	0.036
G381E	03/31/2008	12:00	0	Conductivity (µS/cm)	745.4
G381E	03/31/2008	12:00	0	Dissolved Chloride (mg/L)	108
G381E	03/31/2008	12:00	0	Dissolved Oxygen (mg/L)	5.8
G381E	03/31/2008	12:00	0	pH	7.6
G381E	03/31/2008	12:00	0	Sulfate (mg/L)	61
G381E	03/31/2008	12:00	0	Temperature (°C)	26.1
G381E	03/31/2008	12:00	0	Total Phosphorus (mg/L)	0.017
G381E	03/31/2008	12:00	0	Turbidity (NTU)	1.3
G381E	03/31/2008	12:05	24	Total Phosphorus (mg/L)	0.018
G381E	04/07/2008	13:00	0	Conductivity (µS/cm)	686
G381E	04/07/2008	13:00	0	Dissolved Oxygen (mg/L)	6.52
G381E	04/07/2008	13:00	0	pH	7.7
G381E	04/07/2008	13:00	0	Temperature (°C)	25.9
G381E	04/07/2008	13:00	0	Total Dissolved Phosphorus (mg/L)	0.008
G381E	04/07/2008	13:00	0	Total Phosphorus (mg/L)	0.018
G381E	04/07/2008	13:05	24	Total Phosphorus (mg/L)	0.023
G381E	04/14/2008	11:30	0	Alkalinity (mg CaCO ₃ /L)	244
G381E	04/14/2008	11:30	0	Ammonia (mg N/L)	0.052
G381E	04/14/2008	11:30	0	Conductivity (µS/cm)	1000
G381E	04/14/2008	11:30	0	Dissolved Chloride (mg/L)	130
G381E	04/14/2008	11:30	0	Dissolved Oxygen (mg/L)	6.22
G381E	04/14/2008	11:30	0	Nitrate + Nitrite (mg N/L)	0.266
G381E	04/14/2008	11:30	0	pH	7.5
G381E	04/14/2008	11:30	0	Sulfate (mg/L)	64.4

Table 4B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G381E	04/14/2008	11:30	0	Temperature (°C)	25.6
G381E	04/14/2008	11:30	0	Total Dissolved Phosphorus (mg/L)	0.006
G381E	04/14/2008	11:30	0	Total Phosphorus (mg/L)	0.012
G381E	04/14/2008	11:30	0	Turbidity (NTU)	1.2
G381E	04/14/2008	11:35	24	Total Phosphorus (mg/L)	0.014
G381E	04/21/2008	12:15	0	Conductivity (µS/cm)	920
G381E	04/21/2008	12:15	0	Dissolved Oxygen (mg/L)	6.87
G381E	04/21/2008	12:15	0	pH	7.7
G381E	04/21/2008	12:15	0	Temperature (°C)	25.4
G381E	04/21/2008	12:15	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	04/21/2008	12:15	0	Total Phosphorus (mg/L)	0.018
G381E	04/28/2008	11:20	0	Alkalinity (mg CaCO ₃ /L)	175
G381E	04/28/2008	11:20	0	Ammonia (mg N/L)	0.025
G381E	04/28/2008	11:20	0	Conductivity (µS/cm)	921
G381E	04/28/2008	11:20	0	Dissolved Chloride (mg/L)	139
G381E	04/28/2008	11:20	0	Dissolved Oxygen (mg/L)	5.07
G381E	04/28/2008	11:20	0	Nitrate + Nitrite (mg N/L)	0.01
G381E	04/28/2008	11:20	0	pH	7.8
G381E	04/28/2008	11:20	0	Sulfate (mg/L)	60.4
G381E	04/28/2008	11:20	0	Temperature (°C)	26.6
G381E	04/28/2008	11:20	0	Total Dissolved Phosphorus (mg/L)	0.007
G381E	04/28/2008	11:20	0	Total Phosphorus (mg/L)	0.017
G381E	04/28/2008	11:20	0	Turbidity (NTU)	1.6

Table 5A. Summary of annual arithmetic averages and flow-weighted mean concentrations for all parameters other than TP monitored in STA-5.

Parameter	Arithmetic Means								Flow-Weighted Means			
	Inflow				Outflow				Total Inflow		Total Outflow	
	G342A	G342B	G342C	G342D	G344A	G344B	G344C	G344D	n	Conc.	n	Conc.
Temperature (°C)	25.7	25.5	25.5	25.4	23.8	24.0	24.4	24.5	-NA-	-NA-	-NA-	-NA-
Dissolved Oxygen (mg/L)	6.2	5.9	5.9	5.5	4.2	5.0	4.9	5.2	-NA-	-NA-	-NA-	-NA-
Conductivity (µS/cm)	661	636	629	604	649	643	635	646	-NA-	-NA-	-NA-	-NA-
pH	7.5	7.5	7.5	7.4	7.7	7.9	7.6	7.6	-NA-	-NA-	-NA-	-NA-
Turbidity (NTU)	4.0	4.3	4.5	3.5	3.5	3.7	7.7	9.6	-NA-	-NA-	-NA-	-NA-
Sulfate (mg/L)	13.9	12.6	12.8	12.1	7.3	6.3	5.7	5.8	12 (104)	13.8	3 (104)	6.6
Total Nitrogen (mg/L)	1.58	1.53	1.51	1.42	2.70	2.79	2.88	3.02	12 (100)	1.56	3 (97)	1.93
Nitrate + Nitrite (mg N/L)	0.093	0.054	0.050	0.054	0.065	0.064	0.066	0.065	12 (100)	0.076	3 (98)	0.013

-NA- : Not Applicable

n: number of samples with flow (total number of samples)

Parameters exhibiting excursions are bolded and italicized. Pursuant to EFA Permit Number 0131842, an excursion occurs when outflow flow-weighted mean concentrations exceed inflow FWM concentrations.

Table 5B. Water quality monitoring data for STA-5.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342A	05/02/2007	12:00	0	Conductivity (µS/cm)	911.5
G342A	05/02/2007	12:00	0	Dissolved Oxygen (mg/L)	7.2
G342A	05/02/2007	12:00	0	pH	8
G342A	05/02/2007	12:00	0	Temperature (°C)	27.1
G342A	05/02/2007	12:00	0	Total Phosphorus (mg/L)	0.082
G342B	05/02/2007	11:40	0	Conductivity (µS/cm)	675.2
G342B	05/02/2007	11:40	0	Dissolved Oxygen (mg/L)	4.75
G342B	05/02/2007	11:40	0	pH	8
G342B	05/02/2007	11:40	0	Temperature (°C)	26.9
G342B	05/02/2007	11:40	0	Total Phosphorus (mg/L)	0.125
G342C	05/02/2007	11:25	0	Conductivity (µS/cm)	698.5
G342C	05/02/2007	11:25	0	Dissolved Oxygen (mg/L)	5.56
G342C	05/02/2007	11:25	0	pH	8
G342C	05/02/2007	11:25	0	Temperature (°C)	26.7
G342C	05/02/2007	11:25	0	Total Phosphorus (mg/L)	0.208
G342D	05/02/2007	11:10	0	Conductivity (µS/cm)	680.3
G342D	05/02/2007	11:10	0	Dissolved Oxygen (mg/L)	4
G342D	05/02/2007	11:10	0	pH	7.9
G342D	05/02/2007	11:10	0	Temperature (°C)	26.6
G342D	05/02/2007	11:10	0	Total Phosphorus (mg/L)	0.107
G344A	05/02/2007	9:35	0	Conductivity (µS/cm)	792.4
G344A	05/02/2007	9:35	0	Dissolved Oxygen (mg/L)	1.59
G344A	05/02/2007	9:35	0	pH	7.7
G344A	05/02/2007	9:35	0	Temperature (°C)	25.3
G344A	05/02/2007	9:35	0	Total Phosphorus (mg/L)	0.061
G344B	05/02/2007	9:55	0	Conductivity (µS/cm)	791.5
G344B	05/02/2007	9:55	0	Dissolved Oxygen (mg/L)	4.73
G344B	05/02/2007	9:55	0	pH	8.9
G344B	05/02/2007	9:55	0	Temperature (°C)	25.9
G344B	05/02/2007	9:55	0	Total Phosphorus (mg/L)	0.14
G344C	05/02/2007	10:15	0	Conductivity (µS/cm)	896.7
G344C	05/02/2007	10:15	0	Dissolved Oxygen (mg/L)	1.18
G344C	05/02/2007	10:15	0	pH	7.7
G344C	05/02/2007	10:15	0	Temperature (°C)	25.9
G344C	05/02/2007	10:15	0	Total Phosphorus (mg/L)	0.124
G344D	05/02/2007	10:30	0	Conductivity (µS/cm)	913.4
G344D	05/02/2007	10:30	0	Dissolved Oxygen (mg/L)	2.1
G344D	05/02/2007	10:30	0	pH	7.8
G344D	05/02/2007	10:30	0	Temperature (°C)	26.2
G344D	05/02/2007	10:30	0	Total Phosphorus (mg/L)	0.168
G342A	05/10/2007	12:05	0	Conductivity (µS/cm)	720.5
G342A	05/10/2007	12:05	0	Dissolved Oxygen (mg/L)	7.84
G342A	05/10/2007	12:05	0	Nitrate + Nitrite (mg N/L)	0.007
G342A	05/10/2007	12:05	0	pH	8.2
G342A	05/10/2007	12:05	0	Sulfate (mg/L)	15

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342A	05/10/2007	12:05	0	Temperature (°C)	26.6
G342A	05/10/2007	12:05	0	Total Phosphorus (mg/L)	0.096
G342A	05/10/2007	12:05	0	Turbidity (NTU)	9.5
G342B	05/10/2007	11:50	0	Conductivity (µS/cm)	688.9
G342B	05/10/2007	11:50	0	Dissolved Oxygen (mg/L)	7.19
G342B	05/10/2007	11:50	0	Nitrate + Nitrite (mg N/L)	0.006
G342B	05/10/2007	11:50	0	pH	8.2
G342B	05/10/2007	11:50	0	Sulfate (mg/L)	15.4
G342B	05/10/2007	11:50	0	Temperature (°C)	26.1
G342B	05/10/2007	11:50	0	Total Phosphorus (mg/L)	0.087
G342B	05/10/2007	11:50	0	Turbidity (NTU)	8.4
G342C	05/10/2007	11:35	0	Conductivity (µS/cm)	676.9
G342C	05/10/2007	11:35	0	Dissolved Oxygen (mg/L)	7.18
G342C	05/10/2007	11:35	0	Nitrate + Nitrite (mg N/L)	0.013
G342C	05/10/2007	11:35	0	pH	8.2
G342C	05/10/2007	11:35	0	Sulfate (mg/L)	15
G342C	05/10/2007	11:35	0	Temperature (°C)	21
G342C	05/10/2007	11:35	0	Total Phosphorus (mg/L)	0.091
G342C	05/10/2007	11:35	0	Turbidity (NTU)	8.6
G342D	05/10/2007	11:11	0	Conductivity (µS/cm)	570.8
G342D	05/10/2007	11:11	0	Dissolved Oxygen (mg/L)	6.88
G342D	05/10/2007	11:11	0	Nitrate + Nitrite (mg N/L)	0.056
G342D	05/10/2007	11:11	0	pH	8
G342D	05/10/2007	11:11	0	Sulfate (mg/L)	11.1
G342D	05/10/2007	11:11	0	Temperature (°C)	24.9
G342D	05/10/2007	11:11	0	Total Phosphorus (mg/L)	0.096
G342D	05/10/2007	11:11	0	Turbidity (NTU)	3.9
G344A	05/10/2007	9:40	0	Conductivity (µS/cm)	772.2
G344A	05/10/2007	9:40	0	Dissolved Oxygen (mg/L)	3.67
G344A	05/10/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.092
G344A	05/10/2007	9:40	0	pH	8.1
G344A	05/10/2007	9:40	0	Sulfate (mg/L)	17.2
G344A	05/10/2007	9:40	0	Temperature (°C)	22.7
G344A	05/10/2007	9:40	0	Total Phosphorus (mg/L)	0.058
G344A	05/10/2007	9:40	0	Turbidity (NTU)	3.1
G344B	05/10/2007	10:00	0	Conductivity (µS/cm)	759.2
G344B	05/10/2007	10:00	0	Dissolved Oxygen (mg/L)	4.34
G344B	05/10/2007	10:00	0	Nitrate + Nitrite (mg N/L)	0.051
G344B	05/10/2007	10:00	0	pH	8.9
G344B	05/10/2007	10:00	0	Sulfate (mg/L)	15.6
G344B	05/10/2007	10:00	0	Temperature (°C)	22.4
G344B	05/10/2007	10:00	0	Total Phosphorus (mg/L)	0.104
G344B	05/10/2007	10:00	0	Turbidity (NTU)	3
G344C	05/10/2007	10:15	0	Conductivity (µS/cm)	923.9
G344C	05/10/2007	10:15	0	Dissolved Oxygen (mg/L)	5.26
G344C	05/10/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.086
G344C	05/10/2007	10:15	0	pH	7.9
G344C	05/10/2007	10:15	0	Sulfate (mg/L)	11.1

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	05/10/2007	10:15	0	Temperature (°C)	24.4
G344C	05/10/2007	10:15	0	Total Phosphorus (mg/L)	0.204
G344C	05/10/2007	10:15	0	Turbidity (NTU)	11.4
G344D	05/10/2007	10:40	0	Conductivity (µS/cm)	928.5
G344D	05/10/2007	10:40	0	Dissolved Oxygen (mg/L)	6.03
G344D	05/10/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.06
G344D	05/10/2007	10:40	0	pH	8.2
G344D	05/10/2007	10:40	0	Sulfate (mg/L)	12
G344D	05/10/2007	10:40	0	Temperature (°C)	24.7
G344D	05/10/2007	10:40	0	Total Phosphorus (mg/L)	0.302
G344D	05/10/2007	10:40	0	Turbidity (NTU)	12.9
G342A	05/17/2007	12:10	0	Conductivity (µS/cm)	620.5
G342A	05/17/2007	12:10	0	Dissolved Oxygen (mg/L)	8.1
G342A	05/17/2007	12:10	0	pH	7.7
G342A	05/17/2007	12:10	0	Temperature (°C)	26.8
G342A	05/17/2007	12:10	0	Total Phosphorus (mg/L)	0.124
G342B	05/17/2007	11:55	0	Conductivity (µS/cm)	643.2
G342B	05/17/2007	11:55	0	Dissolved Oxygen (mg/L)	7.58
G342B	05/17/2007	11:55	0	pH	7.9
G342B	05/17/2007	11:55	0	Temperature (°C)	26.5
G342B	05/17/2007	11:55	0	Total Phosphorus (mg/L)	0.079
G342C	05/17/2007	11:40	0	Conductivity (µS/cm)	640.2
G342C	05/17/2007	11:40	0	Dissolved Oxygen (mg/L)	8.08
G342C	05/17/2007	11:40	0	pH	8
G342C	05/17/2007	11:40	0	Temperature (°C)	26.9
G342C	05/17/2007	11:40	0	Total Phosphorus (mg/L)	0.078
G342D	05/17/2007	11:25	0	Conductivity (µS/cm)	507.3
G342D	05/17/2007	11:25	0	Dissolved Oxygen (mg/L)	6.24
G342D	05/17/2007	11:25	0	pH	7.5
G342D	05/17/2007	11:25	0	Temperature (°C)	26.4
G342D	05/17/2007	11:25	0	Total Phosphorus (mg/L)	0.166
G344A	05/17/2007	9:50	0	Conductivity (µS/cm)	853.5
G344A	05/17/2007	9:50	0	Dissolved Oxygen (mg/L)	2.31
G344A	05/17/2007	9:50	0	pH	7.5
G344A	05/17/2007	9:50	0	Temperature (°C)	25
G344A	05/17/2007	9:50	0	Total Phosphorus (mg/L)	0.048
G344B	05/17/2007	10:10	0	Conductivity (µS/cm)	771.6
G344B	05/17/2007	10:10	0	Dissolved Oxygen (mg/L)	2.16
G344B	05/17/2007	10:10	0	pH	8.3
G344B	05/17/2007	10:10	0	Temperature (°C)	24.6
G344B	05/17/2007	10:10	0	Total Phosphorus (mg/L)	0.106
G344C	05/17/2007	10:25	0	Conductivity (µS/cm)	930.8
G344C	05/17/2007	10:25	0	Dissolved Oxygen (mg/L)	3.37
G344C	05/17/2007	10:25	0	pH	7.5
G344C	05/17/2007	10:25	0	Temperature (°C)	25.5
G344C	05/17/2007	10:25	0	Total Phosphorus (mg/L)	0.2
G344D	05/17/2007	10:40	0	Conductivity (µS/cm)	933.3
G344D	05/17/2007	10:40	0	Dissolved Oxygen (mg/L)	5.91
G344D	05/17/2007	10:40	0	pH	7.9

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344D	05/17/2007	10:40	0	Temperature (°C)	25.9
G344D	05/17/2007	10:40	0	Total Phosphorus (mg/L)	0.471
G342A	05/24/2007	12:15	0	Conductivity (µS/cm)	662.1
G342A	05/24/2007	12:15	0	Dissolved Oxygen (mg/L)	7.51
G342A	05/24/2007	12:15	0	Nitrate + Nitrite (mg N/L)	<0.006
G342A	05/24/2007	12:15	0	pH	8.2
G342A	05/24/2007	12:15	0	Sulfate (mg/L)	14.1
G342A	05/24/2007	12:15	0	Temperature (°C)	27.3
G342A	05/24/2007	12:15	0	Total Phosphorus (mg/L)	0.07
G342A	05/24/2007	12:15	0	Turbidity (NTU)	8.2
G342B	05/24/2007	12:00	0	Conductivity (µS/cm)	620.4
G342B	05/24/2007	12:00	0	Dissolved Oxygen (mg/L)	6.81
G342B	05/24/2007	12:00	0	Nitrate + Nitrite (mg N/L)	<0.006
G342B	05/24/2007	12:00	0	pH	8.2
G342B	05/24/2007	12:00	0	Sulfate (mg/L)	16.5
G342B	05/24/2007	12:00	0	Temperature (°C)	25.9
G342B	05/24/2007	12:00	0	Total Phosphorus (mg/L)	0.085
G342B	05/24/2007	12:00	0	Turbidity (NTU)	9.6
G342C	05/24/2007	11:44	0	Conductivity (µS/cm)	640.2
G342C	05/24/2007	11:44	0	Dissolved Oxygen (mg/L)	6.92
G342C	05/24/2007	11:44	0	Nitrate + Nitrite (mg N/L)	<0.006
G342C	05/24/2007	11:44	0	pH	8.2
G342C	05/24/2007	11:44	0	Sulfate (mg/L)	16.7
G342C	05/24/2007	11:44	0	Temperature (°C)	26.1
G342C	05/24/2007	11:44	0	Total Phosphorus (mg/L)	0.102
G342C	05/24/2007	11:44	0	Turbidity (NTU)	8.6
G342D	05/24/2007	11:30	0	Conductivity (µS/cm)	549.3
G342D	05/24/2007	11:30	0	Dissolved Oxygen (mg/L)	6.35
G342D	05/24/2007	11:30	0	Nitrate + Nitrite (mg N/L)	<0.006
G342D	05/24/2007	11:30	0	pH	8
G342D	05/24/2007	11:30	0	Sulfate (mg/L)	15.3
G342D	05/24/2007	11:30	0	Temperature (°C)	25.7
G342D	05/24/2007	11:30	0	Total Phosphorus (mg/L)	0.14
G342D	05/24/2007	11:30	0	Turbidity (NTU)	10.7
G344A	05/24/2007	9:40	0	Conductivity (µS/cm)	908
G344A	05/24/2007	9:40	0	Dissolved Oxygen (mg/L)	0.85
G344A	05/24/2007	9:40	0	Nitrate + Nitrite (mg N/L)	0.091
G344A	05/24/2007	9:40	0	pH	7.6
G344A	05/24/2007	9:40	0	Sulfate (mg/L)	15.2
G344A	05/24/2007	9:40	0	Temperature (°C)	22.9
G344A	05/24/2007	9:40	0	Total Phosphorus (mg/L)	0.101
G344A	05/24/2007	9:40	0	Turbidity (NTU)	5.9
G344B	05/24/2007	10:05	0	Conductivity (µS/cm)	849
G344B	05/24/2007	10:05	0	Dissolved Oxygen (mg/L)	1.18
G344B	05/24/2007	10:05	0	Nitrate + Nitrite (mg N/L)	0.133
G344B	05/24/2007	10:05	0	pH	7.8
G344B	05/24/2007	10:05	0	Sulfate (mg/L)	14.5
G344B	05/24/2007	10:05	0	Temperature (°C)	24.3
G344B	05/24/2007	10:05	0	Total Phosphorus (mg/L)	0.091

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	05/24/2007	10:05	0	Turbidity (NTU)	5.4
G344C	05/24/2007	10:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	941
G344C	05/24/2007	10:20	0	Dissolved Oxygen (mg/L)	4.04
G344C	05/24/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.373
G344C	05/24/2007	10:20	0	pH	7.7
G344C	05/24/2007	10:20	0	Sulfate (mg/L)	12.7
G344C	05/24/2007	10:20	0	Temperature ($^{\circ}\text{C}$)	25.4
G344C	05/24/2007	10:20	0	Total Phosphorus (mg/L)	0.196
G344C	05/24/2007	10:20	0	Turbidity (NTU)	19.8
G344D	05/24/2007	10:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	952
G344D	05/24/2007	10:40	0	Dissolved Oxygen (mg/L)	5.66
G344D	05/24/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.358
G344D	05/24/2007	10:40	0	pH	8
G344D	05/24/2007	10:40	0	Sulfate (mg/L)	13.2
G344D	05/24/2007	10:40	0	Temperature ($^{\circ}\text{C}$)	25.6
G344D	05/24/2007	10:40	0	Total Phosphorus (mg/L)	0.241
G344D	05/24/2007	10:40	0	Turbidity (NTU)	20.7
G342A	05/31/2007	14:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	681
G342A	05/31/2007	14:00	0	pH	8.2
G342A	05/31/2007	14:00	0	Temperature ($^{\circ}\text{C}$)	27.3
G342A	05/31/2007	14:00	0	Total Phosphorus (mg/L)	0.061
G342B	05/31/2007	13:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	616.1
G342B	05/31/2007	13:40	0	pH	8.3
G342B	05/31/2007	13:40	0	Temperature ($^{\circ}\text{C}$)	26.9
G342B	05/31/2007	13:40	0	Total Phosphorus (mg/L)	0.074
G342C	05/31/2007	13:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	616.9
G342C	05/31/2007	13:20	0	pH	8.3
G342C	05/31/2007	13:20	0	Temperature ($^{\circ}\text{C}$)	27.1
G342C	05/31/2007	13:20	0	Total Phosphorus (mg/L)	0.081
G342D	05/31/2007	13:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	549.9
G342D	05/31/2007	13:00	0	pH	8
G342D	05/31/2007	13:00	0	Temperature ($^{\circ}\text{C}$)	26.4
G342D	05/31/2007	13:00	0	Total Phosphorus (mg/L)	0.133
G344A	05/31/2007	9:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	1025
G344A	05/31/2007	9:35	0	pH	7.3
G344A	05/31/2007	9:35	0	Temperature ($^{\circ}\text{C}$)	25.9
G344A	05/31/2007	9:35	0	Total Phosphorus (mg/L)	0.639
G344B	05/31/2007	10:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	987.3
G344B	05/31/2007	10:20	0	pH	7.3
G344B	05/31/2007	10:20	0	Temperature ($^{\circ}\text{C}$)	25.4
G344B	05/31/2007	10:20	0	Total Phosphorus (mg/L)	0.525
G344C	05/31/2007	10:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	974.7
G344C	05/31/2007	10:50	0	pH	7.9
G344C	05/31/2007	10:50	0	Temperature ($^{\circ}\text{C}$)	25.5
G344C	05/31/2007	10:50	0	Total Phosphorus (mg/L)	0.247
G344D	05/31/2007	11:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	981.2
G344D	05/31/2007	11:10	0	pH	8.1
G344D	05/31/2007	11:10	0	Temperature ($^{\circ}\text{C}$)	26.2
G344D	05/31/2007	11:10	0	Total Phosphorus (mg/L)	0.272

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342A	06/07/2007	12:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	627.1
G342A	06/07/2007	12:40	0	Dissolved Oxygen (mg/L)	6.29
G342A	06/07/2007	12:40	0	Nitrate + Nitrite (mg N/L)	0.025
G342A	06/07/2007	12:40	0	pH	7
G342A	06/07/2007	12:40	0	Sulfate (mg/L)	24.7
G342A	06/07/2007	12:40	0	Temperature ($^{\circ}\text{C}$)	27.5
G342A	06/07/2007	12:40	0	Total Phosphorus (mg/L)	0.145
G342A	06/07/2007	12:40	0	Turbidity (NTU)	7.6
G342B	06/07/2007	12:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	586.4
G342B	06/07/2007	12:20	0	Dissolved Oxygen (mg/L)	3.93
G342B	06/07/2007	12:20	0	Nitrate + Nitrite (mg N/L)	0.086
G342B	06/07/2007	12:20	0	pH	6.7
G342B	06/07/2007	12:20	0	Sulfate (mg/L)	22.8
G342B	06/07/2007	12:20	0	Temperature ($^{\circ}\text{C}$)	26.6
G342B	06/07/2007	12:20	0	Total Phosphorus (mg/L)	0.15
G342B	06/07/2007	12:20	0	Turbidity (NTU)	10.1
G342C	06/07/2007	12:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	564.1
G342C	06/07/2007	12:05	0	Dissolved Oxygen (mg/L)	5.2
G342C	06/07/2007	12:05	0	Nitrate + Nitrite (mg N/L)	0.115
G342C	06/07/2007	12:05	0	pH	6.8
G342C	06/07/2007	12:05	0	Sulfate (mg/L)	22.6
G342C	06/07/2007	12:05	0	Temperature ($^{\circ}\text{C}$)	27.3
G342C	06/07/2007	12:05	0	Total Phosphorus (mg/L)	0.178
G342C	06/07/2007	12:05	0	Turbidity (NTU)	9.2
G342D	06/07/2007	11:45	0	Conductivity ($\mu\text{S}/\text{cm}$)	902.7
G342D	06/07/2007	11:45	0	Dissolved Oxygen (mg/L)	1.73
G342D	06/07/2007	11:45	0	Nitrate + Nitrite (mg N/L)	0.065
G342D	06/07/2007	11:45	0	pH	6.6
G342D	06/07/2007	11:45	0	Sulfate (mg/L)	20.6
G342D	06/07/2007	11:45	0	Temperature ($^{\circ}\text{C}$)	26.6
G342D	06/07/2007	11:45	0	Total Phosphorus (mg/L)	0.249
G342D	06/07/2007	11:45	0	Turbidity (NTU)	5
G344A	06/07/2007	10:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	815.3
G344A	06/07/2007	10:20	0	Dissolved Oxygen (mg/L)	5.94
G344A	06/07/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.141
G344A	06/07/2007	10:20	0	pH	7.8
G344A	06/07/2007	10:20	0	Sulfate (mg/L)	24.9
G344A	06/07/2007	10:20	0	Temperature ($^{\circ}\text{C}$)	26.7
G344A	06/07/2007	10:20	0	Turbidity (NTU)	4.2
G344B	06/07/2007	10:40	0	Conductivity ($\mu\text{S}/\text{cm}$)	820.5
G344B	06/07/2007	10:40	0	Dissolved Oxygen (mg/L)	3.94
G344B	06/07/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.153
G344B	06/07/2007	10:40	0	pH	7
G344B	06/07/2007	10:40	0	Sulfate (mg/L)	24.3
G344B	06/07/2007	10:40	0	Temperature ($^{\circ}\text{C}$)	26
G344B	06/07/2007	10:40	0	Total Phosphorus (mg/L)	0.071
G344B	06/07/2007	10:40	0	Turbidity (NTU)	3.5
G344C	06/07/2007	10:55	0	Conductivity ($\mu\text{S}/\text{cm}$)	802.4
G344C	06/07/2007	10:55	0	Dissolved Oxygen (mg/L)	2.84

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	06/07/2007	10:55	0	Nitrate + Nitrite (mg N/L)	0.311
G344C	06/07/2007	10:55	0	pH	7
G344C	06/07/2007	10:55	0	Sulfate (mg/L)	40.6
G344C	06/07/2007	10:55	0	Temperature (°C)	26.4
G344C	06/07/2007	10:55	0	Total Phosphorus (mg/L)	0.183
G344C	06/07/2007	10:55	0	Turbidity (NTU)	14.8
G344D	06/07/2007	11:15	0	Conductivity (µS/cm)	902.7
G344D	06/07/2007	11:15	0	Dissolved Oxygen (mg/L)	1.73
G344D	06/07/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.428
G344D	06/07/2007	11:15	0	pH	6.8
G344D	06/07/2007	11:15	0	Sulfate (mg/L)	29.5
G344D	06/07/2007	11:15	0	Temperature (°C)	26.6
G344D	06/07/2007	11:15	0	Total Phosphorus (mg/L)	0.242
G344D	06/07/2007	11:15	0	Turbidity (NTU)	47.6
G342A	06/14/2007	12:05	0	Conductivity (µS/cm)	693
G342A	06/14/2007	12:05	0	Dissolved Oxygen (mg/L)	7.25
G342A	06/14/2007	12:05	0	pH	7.6
G342A	06/14/2007	12:05	0	Temperature (°C)	28.6
G342A	06/14/2007	12:05	0	Total Phosphorus (mg/L)	0.108
G342B	06/14/2007	11:50	0	Conductivity (µS/cm)	690
G342B	06/14/2007	11:50	0	Dissolved Oxygen (mg/L)	5.45
G342B	06/14/2007	11:50	0	pH	7.6
G342B	06/14/2007	11:50	0	Temperature (°C)	27.6
G342B	06/14/2007	11:50	0	Total Phosphorus (mg/L)	0.152
G342C	06/14/2007	11:35	0	Conductivity (µS/cm)	693
G342C	06/14/2007	11:35	0	Dissolved Oxygen (mg/L)	7.02
G342C	06/14/2007	11:35	0	pH	7.6
G342C	06/14/2007	11:35	0	Temperature (°C)	27.7
G342C	06/14/2007	11:35	0	Total Phosphorus (mg/L)	0.149
G342D	06/14/2007	11:20	0	Conductivity (µS/cm)	685
G342D	06/14/2007	11:20	0	Dissolved Oxygen (mg/L)	6.64
G342D	06/14/2007	11:20	0	pH	7.6
G342D	06/14/2007	11:20	0	Temperature (°C)	27.8
G342D	06/14/2007	11:20	0	Total Phosphorus (mg/L)	0.135
G344A	06/14/2007	9:25	0	Conductivity (µS/cm)	715
G344A	06/14/2007	9:25	0	Dissolved Oxygen (mg/L)	1.91
G344A	06/14/2007	9:25	0	pH	7.5
G344A	06/14/2007	9:25	0	Temperature (°C)	27
G344A	06/14/2007	9:25	0	Total Phosphorus (mg/L)	0.138
G344B	06/14/2007	9:45	0	Conductivity (µS/cm)	784
G344B	06/14/2007	9:45	0	Dissolved Oxygen (mg/L)	3.78
G344B	06/14/2007	9:45	0	pH	8.1
G344B	06/14/2007	9:45	0	Temperature (°C)	26.4
G344B	06/14/2007	9:45	0	Total Phosphorus (mg/L)	0.124
G344C	06/14/2007	10:00	0	Conductivity (µS/cm)	841
G344C	06/14/2007	10:00	0	Dissolved Oxygen (mg/L)	2.53
G344C	06/14/2007	10:00	0	pH	7.4
G344C	06/14/2007	10:00	0	Temperature (°C)	27.3
G344C	06/14/2007	10:00	0	Total Phosphorus (mg/L)	0.134

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344D	06/14/2007	10:10	0	Conductivity (µS/cm)	870
G344D	06/14/2007	10:10	0	Dissolved Oxygen (mg/L)	3.48
G344D	06/14/2007	10:10	0	pH	7.6
G344D	06/14/2007	10:10	0	Temperature (°C)	28.3
G344D	06/14/2007	10:10	0	Total Phosphorus (mg/L)	0.215
G342A	06/20/2007	11:20	0	Conductivity (µS/cm)	641.5
G342A	06/20/2007	11:20	0	Dissolved Oxygen (mg/L)	5.37
G342A	06/20/2007	11:20	0	Nitrate + Nitrite (mg N/L)	0.159
G342A	06/20/2007	11:20	0	pH	7.5
G342A	06/20/2007	11:20	0	Sulfate (mg/L)	13.8
G342A	06/20/2007	11:20	0	Temperature (°C)	29.6
G342A	06/20/2007	11:20	0	Total Phosphorus (mg/L)	0.072
G342A	06/20/2007	11:20	0	Turbidity (NTU)	4.7
G342B	06/20/2007	11:10	0	Conductivity (µS/cm)	677.5
G342B	06/20/2007	11:10	0	Dissolved Oxygen (mg/L)	5.44
G342B	06/20/2007	11:10	0	Nitrate + Nitrite (mg N/L)	0.204
G342B	06/20/2007	11:10	0	pH	7.6
G342B	06/20/2007	11:10	0	Sulfate (mg/L)	16
G342B	06/20/2007	11:10	0	Temperature (°C)	29.5
G342B	06/20/2007	11:10	0	Total Phosphorus (mg/L)	0.084
G342B	06/20/2007	11:10	0	Turbidity (NTU)	4.8
G342C	06/20/2007	10:55	0	Conductivity (µS/cm)	661.7
G342C	06/20/2007	10:55	0	Dissolved Oxygen (mg/L)	5.6
G342C	06/20/2007	10:55	0	Nitrate + Nitrite (mg N/L)	0.194
G342C	06/20/2007	10:55	0	pH	7.5
G342C	06/20/2007	10:55	0	Sulfate (mg/L)	15.3
G342C	06/20/2007	10:55	0	Temperature (°C)	29.6
G342C	06/20/2007	10:55	0	Total Phosphorus (mg/L)	0.077
G342C	06/20/2007	10:55	0	Turbidity (NTU)	4.6
G342D	06/20/2007	10:45	0	Conductivity (µS/cm)	676
G342D	06/20/2007	10:45	0	Dissolved Oxygen (mg/L)	5.42
G342D	06/20/2007	10:45	0	Nitrate + Nitrite (mg N/L)	0.222
G342D	06/20/2007	10:45	0	pH	7.5
G342D	06/20/2007	10:45	0	Sulfate (mg/L)	16.5
G342D	06/20/2007	10:45	0	Temperature (°C)	29.2
G342D	06/20/2007	10:45	0	Total Phosphorus (mg/L)	0.1
G342D	06/20/2007	10:45	0	Turbidity (NTU)	5.8
G344A	06/20/2007	9:00	0	Conductivity (µS/cm)	514
G344A	06/20/2007	9:00	0	Dissolved Oxygen (mg/L)	2.38
G344A	06/20/2007	9:00	0	pH	8.1
G344A	06/20/2007	9:00	0	Sulfate (mg/L)	8.6
G344A	06/20/2007	9:00	0	Temperature (°C)	28.6
G344A	06/20/2007	9:00	0	Total Phosphorus (mg/L)	0.089
G344A	06/20/2007	9:00	0	Turbidity (NTU)	5.2
G344B	06/20/2007	9:20	0	Conductivity (µS/cm)	586.5
G344B	06/20/2007	9:20	0	Dissolved Oxygen (mg/L)	3.3
G344B	06/20/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.025
G344B	06/20/2007	9:20	0	pH	8.3
G344B	06/20/2007	9:20	0	Sulfate (mg/L)	10.2

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	06/20/2007	9:20	0	Temperature (°C)	29.2
G344B	06/20/2007	9:20	0	Total Phosphorus (mg/L)	0.103
G344B	06/20/2007	9:20	0	Turbidity (NTU)	5.1
G344C	06/20/2007	9:45	0	Conductivity (µS/cm)	804.9
G344C	06/20/2007	9:45	0	Dissolved Oxygen (mg/L)	1.94
G344C	06/20/2007	9:45	0	Nitrate + Nitrite (mg N/L)	0.037
G344C	06/20/2007	9:45	0	pH	7.6
G344C	06/20/2007	9:45	0	Sulfate (mg/L)	27.4
G344C	06/20/2007	9:45	0	Temperature (°C)	28.9
G344C	06/20/2007	9:45	0	Total Phosphorus (mg/L)	0.107
G344C	06/20/2007	9:45	0	Turbidity (NTU)	10.1
G344D	06/20/2007	10:00	0	Conductivity (µS/cm)	835.4
G344D	06/20/2007	10:00	0	Dissolved Oxygen (mg/L)	4.05
G344D	06/20/2007	10:00	0	Nitrate + Nitrite (mg N/L)	0.027
G344D	06/20/2007	10:00	0	pH	7.8
G344D	06/20/2007	10:00	0	Sulfate (mg/L)	34.3
G344D	06/20/2007	10:00	0	Temperature (°C)	29.5
G344D	06/20/2007	10:00	0	Total Phosphorus (mg/L)	0.127
G344D	06/20/2007	10:00	0	Turbidity (NTU)	19.3
G342A	06/27/2007	12:00	0	Conductivity (µS/cm)	637.8
G342A	06/27/2007	12:00	0	Dissolved Oxygen (mg/L)	3.78
G342A	06/27/2007	12:00	0	pH	7.3
G342A	06/27/2007	12:00	0	Temperature (°C)	30.1
G342A	06/27/2007	12:00	0	Total Phosphorus (mg/L)	0.094
G342B	06/27/2007	11:45	0	Conductivity (µS/cm)	670.3
G342B	06/27/2007	11:45	0	Dissolved Oxygen (mg/L)	4.5
G342B	06/27/2007	11:45	0	pH	7.4
G342B	06/27/2007	11:45	0	Temperature (°C)	30
G342B	06/27/2007	11:45	0	Total Phosphorus (mg/L)	0.091
G342C	06/27/2007	11:20	0	Conductivity (µS/cm)	665.5
G342C	06/27/2007	11:20	0	Dissolved Oxygen (mg/L)	4.16
G342C	06/27/2007	11:20	0	pH	7.4
G342C	06/27/2007	11:20	0	Temperature (°C)	30.2
G342C	06/27/2007	11:20	0	Total Phosphorus (mg/L)	0.089
G342C	06/27/2007	11:25	24	Total Phosphorus (mg/L)	0.104
G342D	06/27/2007	11:00	0	Conductivity (µS/cm)	675
G342D	06/27/2007	11:00	0	Dissolved Oxygen (mg/L)	5.83
G342D	06/27/2007	11:00	0	pH	7.7
G342D	06/27/2007	11:00	0	Temperature (°C)	30.6
G342D	06/27/2007	11:00	0	Total Phosphorus (mg/L)	0.075
G342D	06/27/2007	11:05	24	Total Phosphorus (mg/L)	0.092
G344A	06/27/2007	9:10	0	Conductivity (µS/cm)	796.8
G344A	06/27/2007	9:10	0	Dissolved Oxygen (mg/L)	3.31
G344A	06/27/2007	9:10	0	pH	7.6
G344A	06/27/2007	9:10	0	Temperature (°C)	29
G344A	06/27/2007	9:10	0	Total Phosphorus (mg/L)	0.063
G344B	06/27/2007	9:40	0	Conductivity (µS/cm)	782.8
G344B	06/27/2007	9:40	0	Dissolved Oxygen (mg/L)	3.14
G344B	06/27/2007	9:40	0	pH	7.6

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	06/27/2007	9:40	0	Temperature (°C)	29.3
G344B	06/27/2007	9:40	0	Total Phosphorus (mg/L)	0.059
G344C	06/27/2007	9:55	0	Conductivity (µS/cm)	855.7
G344C	06/27/2007	9:55	0	Dissolved Oxygen (mg/L)	2.45
G344C	06/27/2007	9:55	0	pH	7.5
G344C	06/27/2007	9:55	0	Temperature (°C)	30.2
G344C	06/27/2007	9:55	0	Total Phosphorus (mg/L)	0.176
G344D	06/27/2007	10:10	0	Conductivity (µS/cm)	872.5
G344D	06/27/2007	10:10	0	Dissolved Oxygen (mg/L)	4.84
G344D	06/27/2007	10:10	0	pH	7.8
G344D	06/27/2007	10:10	0	Temperature (°C)	31
G344D	06/27/2007	10:10	0	Total Phosphorus (mg/L)	0.164
G342A	07/05/2007	11:10	0	Conductivity (µS/cm)	635
G342A	07/05/2007	11:10	0	Dissolved Oxygen (mg/L)	3.66
G342A	07/05/2007	11:10	0	Nitrate + Nitrite (mg N/L)	0.027
G342A	07/05/2007	11:10	0	pH	7.3
G342A	07/05/2007	11:10	0	Sulfate (mg/L)	13
G342A	07/05/2007	11:10	0	Temperature (°C)	28.8
G342A	07/05/2007	11:10	0	Total Phosphorus (mg/L)	0.103
G342A	07/05/2007	11:10	0	Turbidity (NTU)	4.1
G342B	07/05/2007	10:55	0	Conductivity (µS/cm)	670.6
G342B	07/05/2007	10:55	0	Dissolved Oxygen (mg/L)	3.27
G342B	07/05/2007	10:55	0	Nitrate + Nitrite (mg N/L)	0.046
G342B	07/05/2007	10:55	0	pH	7.4
G342B	07/05/2007	10:55	0	Sulfate (mg/L)	14.6
G342B	07/05/2007	10:55	0	Temperature (°C)	28.5
G342B	07/05/2007	10:55	0	Total Phosphorus (mg/L)	0.105
G342B	07/05/2007	10:55	0	Turbidity (NTU)	6.5
G342C	07/05/2007	10:40	0	Conductivity (µS/cm)	638.3
G342C	07/05/2007	10:40	0	Dissolved Oxygen (mg/L)	2.96
G342C	07/05/2007	10:40	0	Nitrate + Nitrite (mg N/L)	0.073
G342C	07/05/2007	10:40	0	pH	7.3
G342C	07/05/2007	10:40	0	Sulfate (mg/L)	14.8
G342C	07/05/2007	10:40	0	Temperature (°C)	28.3
G342C	07/05/2007	10:45	24	Total Phosphorus (mg/L)	0.121
G342C	07/05/2007	10:40	0	Total Phosphorus (mg/L)	0.106
G342C	07/05/2007	10:40	0	Turbidity (NTU)	6.3
G342D	07/05/2007	10:20	0	Conductivity (µS/cm)	593.3
G342D	07/05/2007	10:20	0	Dissolved Oxygen (mg/L)	3.28
G342D	07/05/2007	10:20	0	Nitrate + Nitrite (mg N/L)	0.036
G342D	07/05/2007	10:20	0	pH	7.4
G342D	07/05/2007	10:20	0	Sulfate (mg/L)	12.5
G342D	07/05/2007	10:20	0	Temperature (°C)	28.3
G342D	07/05/2007	10:25	24	Total Phosphorus (mg/L)	0.096
G342D	07/05/2007	10:20	0	Total Phosphorus (mg/L)	0.079
G342D	07/05/2007	10:20	0	Turbidity (NTU)	4.7
G344A	07/05/2007	9:10	0	Conductivity (µS/cm)	634.2
G344A	07/05/2007	9:10	0	Dissolved Oxygen (mg/L)	0.32
G344A	07/05/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.036

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	07/05/2007	9:10	0	pH	7.4
G344A	07/05/2007	9:10	0	Sulfate (mg/L)	6.7
G344A	07/05/2007	9:10	0	Temperature (°C)	26
G344A	07/05/2007	9:10	0	Total Phosphorus (mg/L)	0.219
G344A	07/05/2007	9:10	0	Turbidity (NTU)	13.6
G344B	07/05/2007	9:25	0	Conductivity (µS/cm)	721.9
G344B	07/05/2007	9:25	0	Dissolved Oxygen (mg/L)	0.92
G344B	07/05/2007	9:25	0	Nitrate + Nitrite (mg N/L)	0.052
G344B	07/05/2007	9:25	0	pH	7.4
G344B	07/05/2007	9:25	0	Sulfate (mg/L)	8.2
G344B	07/05/2007	9:25	0	Temperature (°C)	27.2
G344B	07/05/2007	9:25	0	Total Phosphorus (mg/L)	0.244
G344B	07/05/2007	9:25	0	Turbidity (NTU)	10.4
G344C	07/05/2007	9:35	0	Conductivity (µS/cm)	850.6
G344C	07/05/2007	9:35	0	Dissolved Oxygen (mg/L)	1.67
G344C	07/05/2007	9:35	0	Nitrate + Nitrite (mg N/L)	0.15
G344C	07/05/2007	9:35	0	pH	7.4
G344C	07/05/2007	9:35	0	Sulfate (mg/L)	24.6
G344C	07/05/2007	9:35	0	Temperature (°C)	28.7
G344C	07/05/2007	9:35	0	Total Phosphorus (mg/L)	0.134
G344C	07/05/2007	9:35	0	Turbidity (NTU)	27.8
G344D	07/05/2007	9:50	0	Conductivity (µS/cm)	860.2
G344D	07/05/2007	9:50	0	Dissolved Oxygen (mg/L)	1.83
G344D	07/05/2007	9:50	0	Nitrate + Nitrite (mg N/L)	0.144
G344D	07/05/2007	9:50	0	pH	7.5
G344D	07/05/2007	9:50	0	Sulfate (mg/L)	24.9
G344D	07/05/2007	9:50	0	Temperature (°C)	29.2
G344D	07/05/2007	9:50	0	Total Phosphorus (mg/L)	0.153
G344D	07/05/2007	9:50	0	Turbidity (NTU)	26.1
G342A	07/11/2007	11:30	0	Conductivity (µS/cm)	641
G342A	07/11/2007	11:30	0	Dissolved Oxygen (mg/L)	3.57
G342A	07/11/2007	11:30	0	pH	7.2
G342A	07/11/2007	11:30	0	Temperature (°C)	30.7
G342A	07/11/2007	11:35	24	Total Phosphorus (mg/L)	0.128
G342A	07/11/2007	11:30	0	Total Phosphorus (mg/L)	0.098
G342B	07/11/2007	11:15	0	Conductivity (µS/cm)	634
G342B	07/11/2007	11:15	0	Dissolved Oxygen (mg/L)	3.62
G342B	07/11/2007	11:15	0	pH	7.2
G342B	07/11/2007	11:15	0	Temperature (°C)	30.3
G342B	07/11/2007	11:20	24	Total Phosphorus (mg/L)	0.126
G342B	07/11/2007	11:15	0	Total Phosphorus (mg/L)	0.114
G342C	07/11/2007	10:45	0	Conductivity (µS/cm)	615
G342C	07/11/2007	10:45	0	Dissolved Oxygen (mg/L)	0.79
G342C	07/11/2007	10:45	0	pH	7.1
G342C	07/11/2007	10:45	0	Temperature (°C)	30.1
G342C	07/11/2007	10:50	24	Total Phosphorus (mg/L)	0.103
G342C	07/11/2007	10:45	0	Total Phosphorus (mg/L)	0.264
G342D	07/11/2007	10:25	0	Conductivity (µS/cm)	602
G342D	07/11/2007	10:25	0	Dissolved Oxygen (mg/L)	1.79

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342D	07/11/2007	10:25	0	pH	7.3
G342D	07/11/2007	10:25	0	Temperature (°C)	30
G342D	07/11/2007	10:30	24	Total Phosphorus (mg/L)	0.081
G342D	07/11/2007	10:25	0	Total Phosphorus (mg/L)	0.121
G344A	07/11/2007	9:20	0	Conductivity (µS/cm)	416
G344A	07/11/2007	9:20	0	Dissolved Oxygen (mg/L)	1.81
G344A	07/11/2007	9:20	0	pH	7.7
G344A	07/11/2007	9:20	0	Temperature (°C)	30.3
G344A	07/11/2007	9:20	0	Total Phosphorus (mg/L)	0.088
G344B	07/11/2007	9:35	0	Conductivity (µS/cm)	513
G344B	07/11/2007	9:35	0	Dissolved Oxygen (mg/L)	1.14
G344B	07/11/2007	9:35	0	pH	7.6
G344B	07/11/2007	9:35	0	Temperature (°C)	29.1
G344B	07/11/2007	9:35	0	Total Phosphorus (mg/L)	0.111
G344C	07/11/2007	9:45	0	Conductivity (µS/cm)	587
G344C	07/11/2007	9:45	0	Dissolved Oxygen (mg/L)	2.12
G344C	07/11/2007	9:45	0	pH	7.5
G344C	07/11/2007	9:45	0	Temperature (°C)	30.2
G344C	07/11/2007	9:45	0	Total Phosphorus (mg/L)	0.166
G344D	07/11/2007	9:55	0	Conductivity (µS/cm)	635
G344D	07/11/2007	9:55	0	Dissolved Oxygen (mg/L)	2.29
G344D	07/11/2007	9:55	0	pH	7.5
G344D	07/11/2007	9:55	0	Temperature (°C)	29.8
G344D	07/11/2007	9:55	0	Total Phosphorus (mg/L)	0.125
G342A	07/19/2007	12:15	0	Conductivity (µS/cm)	664
G342A	07/19/2007	12:15	0	Dissolved Oxygen (mg/L)	3.08
G342A	07/19/2007	12:15	0	Nitrate + Nitrite (mg N/L)	0.154
G342A	07/19/2007	12:15	0	pH	6.8
G342A	07/19/2007	12:15	0	Sulfate (mg/L)	18.2
G342A	07/19/2007	12:15	0	Temperature (°C)	30
G342A	07/19/2007	12:15	0	Total Phosphorus (mg/L)	0.158
G342A	07/19/2007	12:20	24	Total Phosphorus (mg/L)	0.134
G342A	07/19/2007	12:15	0	Turbidity (NTU)	4.2
G342B	07/19/2007	11:45	0	Conductivity (µS/cm)	662
G342B	07/19/2007	11:45	0	Dissolved Oxygen (mg/L)	3.27
G342B	07/19/2007	11:45	0	Nitrate + Nitrite (mg N/L)	0.161
G342B	07/19/2007	11:45	0	pH	6.9
G342B	07/19/2007	11:45	0	Sulfate (mg/L)	21.1
G342B	07/19/2007	11:45	0	Temperature (°C)	29.6
G342B	07/19/2007	11:45	0	Total Phosphorus (mg/L)	0.183
G342B	07/19/2007	11:50	24	Total Phosphorus (mg/L)	0.146
G342B	07/19/2007	11:45	0	Turbidity (NTU)	6.7
G342C	07/19/2007	11:30	0	Conductivity (µS/cm)	594
G342C	07/19/2007	11:30	0	Dissolved Oxygen (mg/L)	3.16
G342C	07/19/2007	11:30	0	Nitrate + Nitrite (mg N/L)	0.067
G342C	07/19/2007	11:30	0	pH	6.8
G342C	07/19/2007	11:30	0	Sulfate (mg/L)	22
G342C	07/19/2007	11:30	0	Temperature (°C)	30.3
G342C	07/19/2007	11:30	0	Total Phosphorus (mg/L)	0.151

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342C	07/19/2007	11:30	0	Turbidity (NTU)	2.9
G342D	07/19/2007	11:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	597
G342D	07/19/2007	11:05	0	Dissolved Oxygen (mg/L)	3.83
G342D	07/19/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.059
G342D	07/19/2007	11:05	0	pH	7.3
G342D	07/19/2007	11:05	0	Sulfate (mg/L)	23.2
G342D	07/19/2007	11:05	0	Temperature ($^{\circ}\text{C}$)	29.8
G342D	07/19/2007	11:05	0	Total Phosphorus (mg/L)	0.129
G342D	07/19/2007	11:05	0	Turbidity (NTU)	1.5
G344A	07/19/2007	9:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	560
G344A	07/19/2007	9:25	0	Dissolved Oxygen (mg/L)	2.5
G344A	07/19/2007	9:25	0	Nitrate + Nitrite (mg N/L)	<0.005
G344A	07/19/2007	9:25	0	pH	7.2
G344A	07/19/2007	9:25	0	Sulfate (mg/L)	8.7
G344A	07/19/2007	9:25	0	Temperature ($^{\circ}\text{C}$)	28.5
G344A	07/19/2007	9:30	24	Total Phosphorus (mg/L)	0.096
G344A	07/19/2007	9:25	0	Total Phosphorus (mg/L)	0.088
G344A	07/19/2007	9:25	0	Turbidity (NTU)	3.6
G344B	07/19/2007	10:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	602
G344B	07/19/2007	10:00	0	Dissolved Oxygen (mg/L)	2.63
G344B	07/19/2007	10:00	0	Nitrate + Nitrite (mg N/L)	<0.005
G344B	07/19/2007	10:00	0	pH	7.4
G344B	07/19/2007	10:00	0	Sulfate (mg/L)	12.6
G344B	07/19/2007	10:00	0	Temperature ($^{\circ}\text{C}$)	29.1
G344B	07/19/2007	10:00	0	Total Phosphorus (mg/L)	0.087
G344B	07/19/2007	10:00	0	Turbidity (NTU)	3.8
G344C	07/19/2007	10:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	596
G344C	07/19/2007	10:20	0	Dissolved Oxygen (mg/L)	1.26
G344C	07/19/2007	10:20	0	Nitrate + Nitrite (mg N/L)	<0.005
G344C	07/19/2007	10:20	0	pH	7.2
G344C	07/19/2007	10:20	0	Sulfate (mg/L)	10.9
G344C	07/19/2007	10:20	0	Temperature ($^{\circ}\text{C}$)	29.2
G344C	07/19/2007	10:20	0	Total Phosphorus (mg/L)	0.109
G344C	07/19/2007	10:20	0	Turbidity (NTU)	3.8
G344D	07/19/2007	10:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	638
G344D	07/19/2007	10:30	0	Dissolved Oxygen (mg/L)	0.85
G344D	07/19/2007	10:30	0	Nitrate + Nitrite (mg N/L)	0.006
G344D	07/19/2007	10:30	0	pH	7.2
G344D	07/19/2007	10:30	0	Sulfate (mg/L)	16.6
G344D	07/19/2007	10:30	0	Temperature ($^{\circ}\text{C}$)	29.1
G344D	07/19/2007	10:30	0	Total Phosphorus (mg/L)	0.1
G344D	07/19/2007	10:30	0	Turbidity (NTU)	2.4
G342A	07/25/2007	11:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	683.2
G342A	07/25/2007	11:30	0	Dissolved Oxygen (mg/L)	2.99
G342A	07/25/2007	11:30	0	pH	7.2
G342A	07/25/2007	11:30	0	Temperature ($^{\circ}\text{C}$)	28.7
G342A	07/25/2007	11:30	0	Total Phosphorus (mg/L)	0.125
G342A	07/25/2007	11:35	24	Total Phosphorus (mg/L)	0.154
G342B	07/25/2007	11:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	675.9

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342B	07/25/2007	11:15	0	Dissolved Oxygen (mg/L)	2.9
G342B	07/25/2007	11:15	0	pH	7.3
G342B	07/25/2007	11:15	0	Temperature (°C)	29
G342B	07/25/2007	11:20	24	Total Phosphorus (mg/L)	0.187
G342B	07/25/2007	11:15	0	Total Phosphorus (mg/L)	0.145
G342C	07/25/2007	11:00	0	Conductivity (µS/cm)	668.5
G342C	07/25/2007	11:00	0	Dissolved Oxygen (mg/L)	2.23
G342C	07/25/2007	11:00	0	pH	7.2
G342C	07/25/2007	11:00	0	Temperature (°C)	28.6
G342C	07/25/2007	11:00	0	Total Phosphorus (mg/L)	0.152
G342D	07/25/2007	10:50	0	Conductivity (µS/cm)	649.1
G342D	07/25/2007	10:50	0	Dissolved Oxygen (mg/L)	2.67
G342D	07/25/2007	10:50	0	pH	7.3
G342D	07/25/2007	10:50	0	Temperature (°C)	28.7
G342D	07/25/2007	10:50	0	Total Phosphorus (mg/L)	0.136
G344A	07/25/2007	9:30	0	Conductivity (µS/cm)	538.7
G344A	07/25/2007	9:30	0	Dissolved Oxygen (mg/L)	7.7
G344A	07/25/2007	9:30	0	pH	8.3
G344A	07/25/2007	9:30	0	Temperature (°C)	29
G344A	07/25/2007	9:35	24	Total Phosphorus (mg/L)	0.075
G344A	07/25/2007	9:30	0	Total Phosphorus (mg/L)	0.081
G344B	07/25/2007	9:45	0	Conductivity (µS/cm)	602
G344B	07/25/2007	9:45	0	Dissolved Oxygen (mg/L)	5.59
G344B	07/25/2007	9:45	0	pH	7.8
G344B	07/25/2007	9:45	0	Temperature (°C)	29.4
G344B	07/25/2007	9:45	0	Total Phosphorus (mg/L)	0.053
G344C	07/25/2007	9:55	0	Conductivity (µS/cm)	554.2
G344C	07/25/2007	9:55	0	Dissolved Oxygen (mg/L)	0.81
G344C	07/25/2007	9:55	0	pH	7.4
G344C	07/25/2007	9:55	0	Temperature (°C)	28.3
G344C	07/25/2007	9:55	0	Total Phosphorus (mg/L)	0.099
G344D	07/25/2007	10:10	0	Conductivity (µS/cm)	589.9
G344D	07/25/2007	10:10	0	Dissolved Oxygen (mg/L)	2.02
G344D	07/25/2007	10:10	0	pH	7.4
G344D	07/25/2007	10:10	0	Temperature (°C)	28.7
G344D	07/25/2007	10:10	0	Total Phosphorus (mg/L)	0.088
G342A	08/02/2007	12:50	0	Conductivity (µS/cm)	587.2
G342A	08/02/2007	12:50	0	Dissolved Oxygen (mg/L)	3.56
G342A	08/02/2007	12:50	0	Nitrate + Nitrite (mg N/L)	0.02
G342A	08/02/2007	12:50	0	pH	7.3
G342A	08/02/2007	12:50	0	Sulfate (mg/L)	12.3
G342A	08/02/2007	12:50	0	Temperature (°C)	29.9
G342A	08/02/2007	12:50	0	Total Phosphorus (mg/L)	0.107
G342A	08/02/2007	12:50	0	Turbidity (NTU)	2.9
G342B	08/02/2007	12:30	0	Conductivity (µS/cm)	613.8
G342B	08/02/2007	12:30	0	Dissolved Oxygen (mg/L)	3.11
G342B	08/02/2007	12:30	0	Nitrate + Nitrite (mg N/L)	0.028
G342B	08/02/2007	12:30	0	pH	7.3
G342B	08/02/2007	12:30	0	Sulfate (mg/L)	12.6

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342B	08/02/2007	12:30	0	Temperature (°C)	29.6
G342B	08/02/2007	12:30	0	Total Phosphorus (mg/L)	0.104
G342B	08/02/2007	12:30	0	Turbidity (NTU)	2.2
G342C	08/02/2007	12:15	0	Conductivity (µS/cm)	630.1
G342C	08/02/2007	12:15	0	Dissolved Oxygen (mg/L)	3.77
G342C	08/02/2007	12:15	0	Nitrate + Nitrite (mg N/L)	0.046
G342C	08/02/2007	12:15	0	pH	7.4
G342C	08/02/2007	12:15	0	Sulfate (mg/L)	14.3
G342C	08/02/2007	12:15	0	Temperature (°C)	30
G342C	08/02/2007	12:15	0	Total Phosphorus (mg/L)	0.132
G342C	08/02/2007	12:15	0	Turbidity (NTU)	2.7
G342D	08/02/2007	12:00	0	Conductivity (µS/cm)	599.4
G342D	08/02/2007	12:00	0	Dissolved Oxygen (mg/L)	3.53
G342D	08/02/2007	12:00	0	Nitrate + Nitrite (mg N/L)	0.013
G342D	08/02/2007	12:00	0	pH	7.3
G342D	08/02/2007	12:00	0	Sulfate (mg/L)	12.7
G342D	08/02/2007	12:00	0	Temperature (°C)	29.7
G342D	08/02/2007	12:00	0	Total Phosphorus (mg/L)	0.11
G342D	08/02/2007	12:00	0	Turbidity (NTU)	2.6
G344A	08/02/2007	9:35	0	Conductivity (µS/cm)	424.4
G344A	08/02/2007	9:35	0	Dissolved Oxygen (mg/L)	3.31
G344A	08/02/2007	9:35	0	Nitrate + Nitrite (mg N/L)	0.018
G344A	08/02/2007	9:35	0	pH	8.7
G344A	08/02/2007	9:35	0	Sulfate (mg/L)	5.8
G344A	08/02/2007	9:35	0	Temperature (°C)	28.7
G344A	08/02/2007	9:35	0	Total Phosphorus (mg/L)	0.079
G344A	08/02/2007	9:35	0	Turbidity (NTU)	4.5
G344B	08/02/2007	10:15	0	Conductivity (µS/cm)	439
G344B	08/02/2007	10:15	0	Dissolved Oxygen (mg/L)	3.05
G344B	08/02/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.017
G344B	08/02/2007	10:15	0	pH	8.2
G344B	08/02/2007	10:15	0	Sulfate (mg/L)	7
G344B	08/02/2007	10:15	0	Temperature (°C)	29.2
G344B	08/02/2007	10:15	0	Total Phosphorus (mg/L)	0.072
G344B	08/02/2007	10:15	0	Turbidity (NTU)	5.1
G344C	08/02/2007	10:45	0	Conductivity (µS/cm)	531
G344C	08/02/2007	10:45	0	Dissolved Oxygen (mg/L)	2.52
G344C	08/02/2007	10:45	0	Nitrate + Nitrite (mg N/L)	<0.005
G344C	08/02/2007	10:45	0	pH	7.1
G344C	08/02/2007	10:45	0	Sulfate (mg/L)	3.3
G344C	08/02/2007	10:45	0	Temperature (°C)	29.8
G344C	08/02/2007	10:45	0	Total Phosphorus (mg/L)	0.141
G344C	08/02/2007	10:45	0	Turbidity (NTU)	5.9
G344D	08/02/2007	11:05	0	Conductivity (µS/cm)	539.7
G344D	08/02/2007	11:05	0	Dissolved Oxygen (mg/L)	1.56
G344D	08/02/2007	11:05	0	Nitrate + Nitrite (mg N/L)	<0.005
G344D	08/02/2007	11:05	0	pH	7.5
G344D	08/02/2007	11:05	0	Sulfate (mg/L)	4
G344D	08/02/2007	11:05	0	Temperature (°C)	29.7

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344D	08/02/2007	11:05	0	Total Phosphorus (mg/L)	0.091
G344D	08/02/2007	11:05	0	Turbidity (NTU)	7
G342A	08/08/2007	10:33	0	Conductivity (μ S/cm)	606
G342A	08/08/2007	10:33	0	Dissolved Oxygen (mg/L)	4.04
G342A	08/08/2007	10:33	0	pH	7
G342A	08/08/2007	10:33	0	Temperature ($^{\circ}$ C)	30.3
G342A	08/08/2007	10:33	0	Total Phosphorus (mg/L)	0.094
G342B	08/08/2007	10:14	0	Conductivity (μ S/cm)	622
G342B	08/08/2007	10:14	0	Dissolved Oxygen (mg/L)	1.97
G342B	08/08/2007	10:14	0	pH	7
G342B	08/08/2007	10:14	0	Temperature ($^{\circ}$ C)	29.8
G342B	08/08/2007	10:14	0	Total Phosphorus (mg/L)	0.119
G342C	08/08/2007	9:56	0	Conductivity (μ S/cm)	628
G342C	08/08/2007	9:56	0	Dissolved Oxygen (mg/L)	2.54
G342C	08/08/2007	9:56	0	pH	7
G342C	08/08/2007	9:56	0	Temperature ($^{\circ}$ C)	30
G342C	08/08/2007	10:01	24	Total Phosphorus (mg/L)	0.144
G342C	08/08/2007	9:56	0	Total Phosphorus (mg/L)	0.142
G342D	08/08/2007	9:42	0	Conductivity (μ S/cm)	633
G342D	08/08/2007	9:42	0	Dissolved Oxygen (mg/L)	2.22
G342D	08/08/2007	9:42	0	pH	6.9
G342D	08/08/2007	9:42	0	Temperature ($^{\circ}$ C)	29.8
G342D	08/08/2007	9:42	0	Total Phosphorus (mg/L)	0.12
G344A	08/08/2007	10:57	0	Conductivity (μ S/cm)	432
G344A	08/08/2007	10:57	0	Dissolved Oxygen (mg/L)	3.51
G344A	08/08/2007	10:57	0	pH	8.4
G344A	08/08/2007	10:57	0	Temperature ($^{\circ}$ C)	29.9
G344A	08/08/2007	10:57	0	Total Phosphorus (mg/L)	0.064
G344B	08/08/2007	11:12	0	Conductivity (μ S/cm)	436
G344B	08/08/2007	11:12	0	Dissolved Oxygen (mg/L)	4.39
G344B	08/08/2007	11:12	0	pH	8.4
G344B	08/08/2007	11:12	0	Temperature ($^{\circ}$ C)	31.9
G344B	08/08/2007	11:12	0	Total Phosphorus (mg/L)	0.061
G344C	08/08/2007	11:31	0	Conductivity (μ S/cm)	560
G344C	08/08/2007	11:31	0	Dissolved Oxygen (mg/L)	1.49
G344C	08/08/2007	11:31	0	pH	7.2
G344C	08/08/2007	11:31	0	Temperature ($^{\circ}$ C)	31.1
G344C	08/08/2007	11:31	0	Total Phosphorus (mg/L)	0.096
G344D	08/08/2007	11:46	0	Conductivity (μ S/cm)	564
G344D	08/08/2007	11:46	0	Dissolved Oxygen (mg/L)	2.21
G344D	08/08/2007	11:46	0	pH	7.2
G344D	08/08/2007	11:46	0	Temperature ($^{\circ}$ C)	31.1
G344D	08/08/2007	11:46	0	Total Phosphorus (mg/L)	0.085
G342A	08/16/2007	11:01	0	Conductivity (μ S/cm)	634.3
G342A	08/16/2007	11:01	0	Dissolved Oxygen (mg/L)	3.96
G342A	08/16/2007	11:01	0	Nitrate + Nitrite (mg N/L)	0.059
G342A	08/16/2007	11:01	0	pH	7.4
G342A	08/16/2007	11:01	0	Sulfate (mg/L)	16.1
G342A	08/16/2007	11:01	0	Temperature ($^{\circ}$ C)	30.1

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342A	08/16/2007	11:01	0	Total Phosphorus (mg/L)	0.17
G342A	08/16/2007	11:01	0	Turbidity (NTU)	3.5
G342B	08/16/2007	10:49	0	Conductivity (μ S/cm)	660.6
G342B	08/16/2007	10:49	0	Dissolved Oxygen (mg/L)	1.76
G342B	08/16/2007	10:49	0	Nitrate + Nitrite (mg N/L)	0.019
G342B	08/16/2007	10:49	0	pH	7.3
G342B	08/16/2007	10:49	0	Sulfate (mg/L)	17.7
G342B	08/16/2007	10:49	0	Temperature ($^{\circ}$ C)	29.5
G342B	08/16/2007	10:49	0	Total Phosphorus (mg/L)	0.123
G342B	08/16/2007	10:49	0	Turbidity (NTU)	3.1
G342C	08/16/2007	10:37	0	Conductivity (μ S/cm)	649.4
G342C	08/16/2007	10:37	0	Dissolved Oxygen (mg/L)	3.16
G342C	08/16/2007	10:37	0	Nitrate + Nitrite (mg N/L)	0.023
G342C	08/16/2007	10:37	0	pH	7.3
G342C	08/16/2007	10:37	0	Sulfate (mg/L)	16.9
G342C	08/16/2007	10:37	0	Temperature ($^{\circ}$ C)	29.9
G342C	08/16/2007	10:37	0	Total Phosphorus (mg/L)	0.174
G342C	08/16/2007	10:41	24	Total Phosphorus (mg/L)	0.118
G342C	08/16/2007	10:37	0	Turbidity (NTU)	4.2
G342D	08/16/2007	10:19	0	Conductivity (μ S/cm)	653.1
G342D	08/16/2007	10:19	0	Dissolved Oxygen (mg/L)	3.29
G342D	08/16/2007	10:19	0	Nitrate + Nitrite (mg N/L)	0.026
G342D	08/16/2007	10:19	0	pH	7.3
G342D	08/16/2007	10:19	0	Sulfate (mg/L)	17.9
G342D	08/16/2007	10:19	0	Temperature ($^{\circ}$ C)	29.3
G342D	08/16/2007	10:24	24	Total Phosphorus (mg/L)	0.145
G342D	08/16/2007	10:19	0	Total Phosphorus (mg/L)	0.135
G342D	08/16/2007	10:19	0	Turbidity (NTU)	3
G344A	08/16/2007	9:10	0	Conductivity (μ S/cm)	497.6
G344A	08/16/2007	9:10	0	Dissolved Oxygen (mg/L)	3.41
G344A	08/16/2007	9:10	0	Nitrate + Nitrite (mg N/L)	0.068
G344A	08/16/2007	9:10	0	pH	8.4
G344A	08/16/2007	9:10	0	Sulfate (mg/L)	8
G344A	08/16/2007	9:10	0	Temperature ($^{\circ}$ C)	27.6
G344A	08/16/2007	9:10	0	Total Phosphorus (mg/L)	0.089
G344A	08/16/2007	9:10	0	Turbidity (NTU)	2.3
G344B	08/16/2007	9:20	0	Conductivity (μ S/cm)	457.1
G344B	08/16/2007	9:20	0	Dissolved Oxygen (mg/L)	3.68
G344B	08/16/2007	9:20	0	Nitrate + Nitrite (mg N/L)	0.077
G344B	08/16/2007	9:20	0	pH	8.7
G344B	08/16/2007	9:20	0	Sulfate (mg/L)	6.9
G344B	08/16/2007	9:20	0	Temperature ($^{\circ}$ C)	27.6
G344B	08/16/2007	9:20	0	Turbidity (NTU)	2.9
G344C	08/16/2007	9:33	0	Conductivity (μ S/cm)	570.2
G344C	08/16/2007	9:33	0	Dissolved Oxygen (mg/L)	2.32
G344C	08/16/2007	9:33	0	Nitrate + Nitrite (mg N/L)	0.068
G344C	08/16/2007	9:33	0	pH	7.5
G344C	08/16/2007	9:33	0	Sulfate (mg/L)	1.1
G344C	08/16/2007	9:33	0	Temperature ($^{\circ}$ C)	28.7

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	08/16/2007	9:33	0	Total Phosphorus (mg/L)	0.089
G344C	08/16/2007	9:33	0	Turbidity (NTU)	4.6
G344D	08/16/2007	9:46	0	Conductivity (μ S/cm)	576
G344D	08/16/2007	9:46	0	Dissolved Oxygen (mg/L)	1.35
G344D	08/16/2007	9:46	0	Nitrate + Nitrite (mg N/L)	0.01
G344D	08/16/2007	9:46	0	pH	7.4
G344D	08/16/2007	9:46	0	Sulfate (mg/L)	1.4
G344D	08/16/2007	9:46	0	Temperature ($^{\circ}$ C)	28.6
G344D	08/16/2007	9:46	0	Total Phosphorus (mg/L)	0.07
G344D	08/16/2007	9:46	0	Turbidity (NTU)	7.3
G342A	08/22/2007	13:01	0	Conductivity (μ S/cm)	608
G342A	08/22/2007	13:01	0	Dissolved Oxygen (mg/L)	4.95
G342A	08/22/2007	13:01	0	pH	7.6
G342A	08/22/2007	13:01	0	Temperature ($^{\circ}$ C)	30.2
G342A	08/22/2007	13:01	0	Total Phosphorus (mg/L)	0.074
G342B	08/22/2007	12:28	0	Conductivity (μ S/cm)	607
G342B	08/22/2007	12:28	0	Dissolved Oxygen (mg/L)	3.59
G342B	08/22/2007	12:28	0	pH	7.6
G342B	08/22/2007	12:28	0	Temperature ($^{\circ}$ C)	29.8
G342B	08/22/2007	12:28	0	Total Phosphorus (mg/L)	0.07
G342C	08/22/2007	11:56	0	Conductivity (μ S/cm)	611
G342C	08/22/2007	11:56	0	Dissolved Oxygen (mg/L)	4.07
G342C	08/22/2007	11:56	0	pH	7.6
G342C	08/22/2007	11:56	0	Temperature ($^{\circ}$ C)	30.5
G342C	08/22/2007	11:56	0	Total Phosphorus (mg/L)	0.072
G342D	08/22/2007	11:34	0	Conductivity (μ S/cm)	592
G342D	08/22/2007	11:34	0	Dissolved Oxygen (mg/L)	3.87
G342D	08/22/2007	11:34	0	pH	7.6
G342D	08/22/2007	11:34	0	Temperature ($^{\circ}$ C)	29.5
G342D	08/22/2007	11:34	0	Total Phosphorus (mg/L)	0.074
G344A	08/22/2007	9:30	0	Conductivity (μ S/cm)	493
G344A	08/22/2007	9:30	0	Dissolved Oxygen (mg/L)	1.86
G344A	08/22/2007	9:30	0	pH	8.4
G344A	08/22/2007	9:30	0	Temperature ($^{\circ}$ C)	27.6
G344A	08/22/2007	9:30	0	Total Phosphorus (mg/L)	0.074
G344B	08/22/2007	9:57	0	Conductivity (μ S/cm)	485
G344B	08/22/2007	9:57	0	Dissolved Oxygen (mg/L)	2.31
G344B	08/22/2007	9:57	0	pH	8.3
G344B	08/22/2007	9:57	0	Temperature ($^{\circ}$ C)	28.7
G344B	08/22/2007	9:57	0	Total Phosphorus (mg/L)	0.074
G344C	08/22/2007	10:15	0	Conductivity (μ S/cm)	622
G344C	08/22/2007	10:15	0	Dissolved Oxygen (mg/L)	2.75
G344C	08/22/2007	10:15	0	pH	7.6
G344C	08/22/2007	10:15	0	Temperature ($^{\circ}$ C)	29.1
G344C	08/22/2007	10:15	0	Total Phosphorus (mg/L)	0.065
G344D	08/22/2007	10:36	0	Conductivity (μ S/cm)	638
G344D	08/22/2007	10:36	0	Dissolved Oxygen (mg/L)	1.5
G344D	08/22/2007	10:36	0	pH	7.5
G344D	08/22/2007	10:36	0	Temperature ($^{\circ}$ C)	29.2

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344D	08/22/2007	10:36	0	Total Phosphorus (mg/L)	0.056
G342A	08/29/2007	11:28	0	Conductivity (μ S/cm)	589.8
G342A	08/29/2007	11:28	0	Dissolved Oxygen (mg/L)	5.08
G342A	08/29/2007	11:28	0	Nitrate + Nitrite (mg N/L)	<0.005
G342A	08/29/2007	11:28	0	pH	7.6
G342A	08/29/2007	11:28	0	Sulfate (mg/L)	9.9
G342A	08/29/2007	11:28	0	Temperature ($^{\circ}$ C)	30.1
G342A	08/29/2007	11:28	0	Total Phosphorus (mg/L)	0.077
G342A	08/29/2007	11:28	0	Turbidity (NTU)	3.7
G342B	08/29/2007	11:07	0	Conductivity (μ S/cm)	589.3
G342B	08/29/2007	11:07	0	Dissolved Oxygen (mg/L)	1.23
G342B	08/29/2007	11:07	0	Nitrate + Nitrite (mg N/L)	<0.005
G342B	08/29/2007	11:07	0	pH	7.4
G342B	08/29/2007	11:07	0	Sulfate (mg/L)	11
G342B	08/29/2007	11:07	0	Temperature ($^{\circ}$ C)	29.9
G342B	08/29/2007	11:07	0	Total Phosphorus (mg/L)	0.089
G342B	08/29/2007	11:12	24	Total Phosphorus (mg/L)	0.115
G342B	08/29/2007	11:07	0	Turbidity (NTU)	2.5
G342C	08/29/2007	10:48	0	Conductivity (μ S/cm)	575.2
G342C	08/29/2007	10:48	0	Dissolved Oxygen (mg/L)	2.75
G342C	08/29/2007	10:48	0	Nitrate + Nitrite (mg N/L)	<0.005
G342C	08/29/2007	10:48	0	pH	7.6
G342C	08/29/2007	10:48	0	Sulfate (mg/L)	11.6
G342C	08/29/2007	10:48	0	Temperature ($^{\circ}$ C)	30.3
G342C	08/29/2007	10:48	0	Total Phosphorus (mg/L)	0.081
G342C	08/29/2007	10:48	0	Turbidity (NTU)	3.9
G342D	08/29/2007	10:26	0	Conductivity (μ S/cm)	556.1
G342D	08/29/2007	10:26	0	Dissolved Oxygen (mg/L)	3.42
G342D	08/29/2007	10:26	0	Nitrate + Nitrite (mg N/L)	0.015
G342D	08/29/2007	10:26	0	pH	7.4
G342D	08/29/2007	10:26	0	Sulfate (mg/L)	12.8
G342D	08/29/2007	10:26	0	Temperature ($^{\circ}$ C)	29.7
G342D	08/29/2007	10:26	0	Total Phosphorus (mg/L)	0.043
G342D	08/29/2007	10:26	0	Turbidity (NTU)	1.4
G344A	08/29/2007	9:00	0	Conductivity (μ S/cm)	479.6
G344A	08/29/2007	9:00	0	Dissolved Oxygen (mg/L)	1.93
G344A	08/29/2007	9:00	0	Nitrate + Nitrite (mg N/L)	0.012
G344A	08/29/2007	9:00	0	pH	8.3
G344A	08/29/2007	9:00	0	Sulfate (mg/L)	4.4
G344A	08/29/2007	9:00	0	Temperature ($^{\circ}$ C)	27.7
G344A	08/29/2007	9:00	0	Total Phosphorus (mg/L)	0.047
G344A	08/29/2007	9:00	0	Turbidity (NTU)	3
G344B	08/29/2007	9:18	0	Conductivity (μ S/cm)	467.8
G344B	08/29/2007	9:18	0	Dissolved Oxygen (mg/L)	3.53
G344B	08/29/2007	9:18	0	Nitrate + Nitrite (mg N/L)	0.025
G344B	08/29/2007	9:18	0	pH	8.7
G344B	08/29/2007	9:18	0	Sulfate (mg/L)	5.2
G344B	08/29/2007	9:18	0	Temperature ($^{\circ}$ C)	29.1
G344B	08/29/2007	9:18	0	Total Phosphorus (mg/L)	0.062

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	08/29/2007	9:18	0	Turbidity (NTU)	3.9
G344C	08/29/2007	9:34	0	Conductivity ($\mu\text{S}/\text{cm}$)	586.2
G344C	08/29/2007	9:34	0	Dissolved Oxygen (mg/L)	4.06
G344C	08/29/2007	9:34	0	Nitrate + Nitrite (mg N/L)	<0.005
G344C	08/29/2007	9:34	0	pH	7.7
G344C	08/29/2007	9:34	0	Sulfate (mg/L)	0.8
G344C	08/29/2007	9:34	0	Temperature ($^{\circ}\text{C}$)	28.8
G344C	08/29/2007	9:34	0	Total Phosphorus (mg/L)	0.051
G344C	08/29/2007	9:34	0	Turbidity (NTU)	4.1
G344D	08/29/2007	9:49	0	Conductivity ($\mu\text{S}/\text{cm}$)	595.8
G344D	08/29/2007	9:49	0	Dissolved Oxygen (mg/L)	3.27
G344D	08/29/2007	9:49	0	Nitrate + Nitrite (mg N/L)	0.006
G344D	08/29/2007	9:49	0	pH	7.6
G344D	08/29/2007	9:49	0	Sulfate (mg/L)	0.9
G344D	08/29/2007	9:49	0	Temperature ($^{\circ}\text{C}$)	29.5
G344D	08/29/2007	9:49	0	Total Phosphorus (mg/L)	0.049
G344D	08/29/2007	9:49	0	Turbidity (NTU)	3.7
G342A	09/05/2007	11:39	0	Conductivity ($\mu\text{S}/\text{cm}$)	597
G342A	09/05/2007	11:39	0	Dissolved Oxygen (mg/L)	4.58
G342A	09/05/2007	11:39	0	pH	7.2
G342A	09/05/2007	11:39	0	Temperature ($^{\circ}\text{C}$)	30.6
G342A	09/05/2007	11:40	24	Total Phosphorus (mg/L)	0.067
G342A	09/05/2007	11:39	0	Total Phosphorus (mg/L)	0.062
G342B	09/05/2007	12:03	0	Conductivity ($\mu\text{S}/\text{cm}$)	567
G342B	09/05/2007	12:03	0	Dissolved Oxygen (mg/L)	3.53
G342B	09/05/2007	12:03	0	pH	7.2
G342B	09/05/2007	12:03	0	Temperature ($^{\circ}\text{C}$)	30.7
G342B	09/05/2007	12:03	0	Total Phosphorus (mg/L)	0.044
G342C	09/05/2007	12:21	0	Conductivity ($\mu\text{S}/\text{cm}$)	563
G342C	09/05/2007	12:21	0	Dissolved Oxygen (mg/L)	4.34
G342C	09/05/2007	12:21	0	pH	7.2
G342C	09/05/2007	12:21	0	Temperature ($^{\circ}\text{C}$)	32
G342C	09/05/2007	12:21	0	Total Phosphorus (mg/L)	0.03
G342D	09/05/2007	12:54	0	Conductivity ($\mu\text{S}/\text{cm}$)	558
G342D	09/05/2007	12:54	0	Dissolved Oxygen (mg/L)	3.64
G342D	09/05/2007	12:54	0	pH	7.1
G342D	09/05/2007	12:54	0	Temperature ($^{\circ}\text{C}$)	29.8
G342D	09/05/2007	12:54	0	Total Phosphorus (mg/L)	0.034
G344A	09/05/2007	11:12	0	Conductivity ($\mu\text{S}/\text{cm}$)	778
G344A	09/05/2007	11:12	0	Dissolved Oxygen (mg/L)	5.44
G344A	09/05/2007	11:12	0	pH	7.2
G344A	09/05/2007	11:12	0	Temperature ($^{\circ}\text{C}$)	30.1
G344A	09/05/2007	11:12	0	Total Phosphorus (mg/L)	0.035
G344B	09/05/2007	10:57	0	Conductivity ($\mu\text{S}/\text{cm}$)	769
G344B	09/05/2007	10:57	0	Dissolved Oxygen (mg/L)	3.58
G344B	09/05/2007	10:57	0	pH	7.1
G344B	09/05/2007	10:57	0	Temperature ($^{\circ}\text{C}$)	29.5
G344B	09/05/2007	10:57	0	Total Phosphorus (mg/L)	0.032
G344C	09/05/2007	10:44	0	Conductivity ($\mu\text{S}/\text{cm}$)	608

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	09/05/2007	10:44	0	Dissolved Oxygen (mg/L)	1.32
G344C	09/05/2007	10:44	0	pH	7.1
G344C	09/05/2007	10:44	0	Temperature (°C)	29.6
G344C	09/05/2007	10:44	0	Total Phosphorus (mg/L)	0.052
G344D	09/05/2007	10:27	0	Conductivity (µS/cm)	608
G344D	09/05/2007	10:27	0	Dissolved Oxygen (mg/L)	3.25
G344D	09/05/2007	10:27	0	pH	7.1
G344D	09/05/2007	10:27	0	Temperature (°C)	30.3
G344D	09/05/2007	10:27	0	Total Phosphorus (mg/L)	0.056
G342A	09/12/2007	10:32	0	Conductivity (µS/cm)	573
G342A	09/12/2007	10:32	0	Dissolved Oxygen (mg/L)	4.34
G342A	09/12/2007	10:32	0	Nitrate + Nitrite (mg N/L)	0.007
G342A	09/12/2007	10:32	0	pH	7.1
G342A	09/12/2007	10:32	0	Sulfate (mg/L)	10.3
G342A	09/12/2007	10:32	0	Temperature (°C)	29.9
G342A	09/12/2007	10:32	0	Total Phosphorus (mg/L)	0.06
G342A	09/12/2007	10:36	24	Total Phosphorus (mg/L)	0.064
G342A	09/12/2007	10:32	0	Turbidity (NTU)	1.2
G342B	09/12/2007	10:12	0	Conductivity (µS/cm)	538
G342B	09/12/2007	10:12	0	Dissolved Oxygen (mg/L)	4.49
G342B	09/12/2007	10:12	0	Nitrate + Nitrite (mg N/L)	0.017
G342B	09/12/2007	10:12	0	pH	7
G342B	09/12/2007	10:12	0	Sulfate (mg/L)	10.7
G342B	09/12/2007	10:12	0	Temperature (°C)	28.9
G342B	09/12/2007	10:12	0	Total Phosphorus (mg/L)	0.07
G342B	09/12/2007	10:16	24	Total Phosphorus (mg/L)	0.059
G342B	09/12/2007	10:12	0	Turbidity (NTU)	1.7
G342C	09/12/2007	9:59	0	Conductivity (µS/cm)	539
G342C	09/12/2007	9:59	0	Dissolved Oxygen (mg/L)	4.72
G342C	09/12/2007	9:59	0	Nitrate + Nitrite (mg N/L)	0.018
G342C	09/12/2007	9:59	0	pH	6.9
G342C	09/12/2007	9:59	0	Sulfate (mg/L)	10.8
G342C	09/12/2007	9:59	0	Temperature (°C)	29.6
G342C	09/12/2007	9:59	0	Total Phosphorus (mg/L)	0.093
G342C	09/12/2007	9:59	0	Turbidity (NTU)	3.1
G342D	09/12/2007	9:44	0	Conductivity (µS/cm)	541
G342D	09/12/2007	9:44	0	Dissolved Oxygen (mg/L)	4.64
G342D	09/12/2007	9:44	0	Nitrate + Nitrite (mg N/L)	0.02
G342D	09/12/2007	9:44	0	pH	7
G342D	09/12/2007	9:44	0	Sulfate (mg/L)	10.9
G342D	09/12/2007	9:44	0	Temperature (°C)	29
G342D	09/12/2007	9:44	0	Total Phosphorus (mg/L)	0.071
G342D	09/12/2007	9:44	0	Turbidity (NTU)	1.2
G344A	09/12/2007	11:12	0	Conductivity (µS/cm)	595
G344A	09/12/2007	11:12	0	Dissolved Oxygen (mg/L)	4.08
G344A	09/12/2007	11:12	0	Nitrate + Nitrite (mg N/L)	0.012
G344A	09/12/2007	11:12	0	pH	7.5
G344A	09/12/2007	11:12	0	Sulfate (mg/L)	11.5
G344A	09/12/2007	11:12	0	Temperature (°C)	28

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	09/12/2007	11:12	0	Total Phosphorus (mg/L)	0.034
G344A	09/12/2007	11:12	0	Turbidity (NTU)	1.2
G344B	09/12/2007	11:27	0	Conductivity (μ S/cm)	542
G344B	09/12/2007	11:27	0	Dissolved Oxygen (mg/L)	4.58
G344B	09/12/2007	11:27	0	Nitrate + Nitrite (mg N/L)	0.041
G344B	09/12/2007	11:27	0	pH	8
G344B	09/12/2007	11:27	0	Sulfate (mg/L)	9.4
G344B	09/12/2007	11:27	0	Temperature ($^{\circ}$ C)	28.5
G344B	09/12/2007	11:27	0	Total Phosphorus (mg/L)	0.042
G344B	09/12/2007	11:27	0	Turbidity (NTU)	2
G344C	09/12/2007	11:55	0	Conductivity (μ S/cm)	618
G344C	09/12/2007	11:55	0	Dissolved Oxygen (mg/L)	6
G344C	09/12/2007	11:55	0	Nitrate + Nitrite (mg N/L)	0.005
G344C	09/12/2007	11:55	0	pH	7.2
G344C	09/12/2007	11:55	0	Sulfate (mg/L)	1.8
G344C	09/12/2007	11:55	0	Temperature ($^{\circ}$ C)	29
G344C	09/12/2007	11:55	0	Total Phosphorus (mg/L)	0.112
G344C	09/12/2007	11:55	0	Turbidity (NTU)	3.5
G344D	09/12/2007	12:09	0	Conductivity (μ S/cm)	630
G344D	09/12/2007	12:09	0	Dissolved Oxygen (mg/L)	3.84
G344D	09/12/2007	12:09	0	Nitrate + Nitrite (mg N/L)	0.011
G344D	09/12/2007	12:09	0	pH	7.2
G344D	09/12/2007	12:09	0	Sulfate (mg/L)	1.3
G344D	09/12/2007	12:09	0	Temperature ($^{\circ}$ C)	28.7
G344D	09/12/2007	12:09	0	Total Phosphorus (mg/L)	0.104
G344D	09/12/2007	12:09	0	Turbidity (NTU)	2.9
G342A	09/18/2007	10:34	0	Conductivity (μ S/cm)	588
G342A	09/18/2007	10:34	0	Dissolved Oxygen (mg/L)	3.73
G342A	09/18/2007	10:34	0	pH	7.3
G342A	09/18/2007	10:34	0	Temperature ($^{\circ}$ C)	28.8
G342A	09/18/2007	10:34	0	Total Phosphorus (mg/L)	0.051
G342B	09/18/2007	10:22	0	Conductivity (μ S/cm)	624
G342B	09/18/2007	10:22	0	Dissolved Oxygen (mg/L)	2.73
G342B	09/18/2007	10:22	0	pH	7.4
G342B	09/18/2007	10:22	0	Temperature ($^{\circ}$ C)	28.8
G342B	09/18/2007	10:22	0	Total Phosphorus (mg/L)	0.073
G342C	09/18/2007	10:10	0	Conductivity (μ S/cm)	607
G342C	09/18/2007	10:10	0	Dissolved Oxygen (mg/L)	3.82
G342C	09/18/2007	10:10	0	pH	7.2
G342C	09/18/2007	10:10	0	Temperature ($^{\circ}$ C)	28.8
G342C	09/18/2007	10:10	0	Total Phosphorus (mg/L)	0.085
G342D	09/18/2007	9:54	0	Conductivity (μ S/cm)	510
G342D	09/18/2007	9:54	0	Dissolved Oxygen (mg/L)	2.83
G342D	09/18/2007	9:54	0	pH	7.1
G342D	09/18/2007	9:54	0	Temperature ($^{\circ}$ C)	28.3
G342D	09/18/2007	9:54	0	Total Phosphorus (mg/L)	0.105
G344A	09/18/2007	11:18	0	Conductivity (μ S/cm)	508
G344A	09/18/2007	11:18	0	Dissolved Oxygen (mg/L)	2.27
G344A	09/18/2007	11:18	0	pH	7.8

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	09/18/2007	11:18	0	Temperature (°C)	27.3
G344A	09/18/2007	11:18	0	Total Phosphorus (mg/L)	0.055
G344B	09/18/2007	11:34	0	Conductivity (µS/cm)	482
G344B	09/18/2007	11:34	0	Dissolved Oxygen (mg/L)	3.68
G344B	09/18/2007	11:34	0	pH	8.3
G344B	09/18/2007	11:34	0	Temperature (°C)	28.4
G344B	09/18/2007	11:34	0	Total Phosphorus (mg/L)	0.037
G344C	09/18/2007	11:47	0	Conductivity (µS/cm)	571
G344C	09/18/2007	11:47	0	Dissolved Oxygen (mg/L)	1.85
G344C	09/18/2007	11:47	0	pH	7.4
G344C	09/18/2007	11:47	0	Temperature (°C)	28.4
G344C	09/18/2007	11:47	0	Total Phosphorus (mg/L)	0.096
G344D	09/18/2007	12:06	0	Conductivity (µS/cm)	588
G344D	09/18/2007	12:06	0	Dissolved Oxygen (mg/L)	3.15
G344D	09/18/2007	12:06	0	pH	7.5
G344D	09/18/2007	12:06	0	Temperature (°C)	28.9
G344D	09/18/2007	12:06	0	Total Phosphorus (mg/L)	0.103
G342A	09/26/2007	11:24	0	Conductivity (µS/cm)	622
G342A	09/26/2007	11:24	0	Dissolved Oxygen (mg/L)	4.63
G342A	09/26/2007	11:24	0	Nitrate + Nitrite (mg N/L)	0.178
G342A	09/26/2007	11:24	0	pH	7
G342A	09/26/2007	11:24	0	Sulfate (mg/L)	10.4
G342A	09/26/2007	11:24	0	Temperature (°C)	27.5
G342A	09/26/2007	11:24	0	Total Phosphorus (mg/L)	0.057
G342A	09/26/2007	11:24	0	Turbidity (NTU)	1.9
G342B	09/26/2007	11:06	0	Conductivity (µS/cm)	606
G342B	09/26/2007	11:06	0	Dissolved Oxygen (mg/L)	3.89
G342B	09/26/2007	11:06	0	Nitrate + Nitrite (mg N/L)	0.05
G342B	09/26/2007	11:06	0	pH	7
G342B	09/26/2007	11:06	0	Sulfate (mg/L)	10.1
G342B	09/26/2007	11:06	0	Temperature (°C)	27.2
G342B	09/26/2007	11:06	0	Total Phosphorus (mg/L)	0.064
G342B	09/26/2007	11:06	0	Turbidity (NTU)	2.5
G342C	09/26/2007	10:32	0	Conductivity (µS/cm)	604
G342C	09/26/2007	10:32	0	Dissolved Oxygen (mg/L)	3.74
G342C	09/26/2007	10:32	0	Nitrate + Nitrite (mg N/L)	0.061
G342C	09/26/2007	10:32	0	pH	6.8
G342C	09/26/2007	10:32	0	Sulfate (mg/L)	9.4
G342C	09/26/2007	10:32	0	Temperature (°C)	27.2
G342C	09/26/2007	10:33	24	Total Phosphorus (mg/L)	0.118
G342C	09/26/2007	10:32	0	Total Phosphorus (mg/L)	0.057
G342C	09/26/2007	10:32	0	Turbidity (NTU)	2.5
G342D	09/26/2007	10:07	0	Conductivity (µS/cm)	558
G342D	09/26/2007	10:07	0	Dissolved Oxygen (mg/L)	2.92
G342D	09/26/2007	10:07	0	Nitrate + Nitrite (mg N/L)	0.08
G342D	09/26/2007	10:07	0	pH	6.7
G342D	09/26/2007	10:07	0	Sulfate (mg/L)	9.2
G342D	09/26/2007	10:07	0	Temperature (°C)	27
G342D	09/26/2007	10:07	0	Total Phosphorus (mg/L)	0.099

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342D	09/26/2007	10:10	24	Total Phosphorus (mg/L)	0.137
G342D	09/26/2007	10:07	0	Turbidity (NTU)	3.6
G344A	09/26/2007	11:49	0	Conductivity (μ S/cm)	451
G344A	09/26/2007	11:49	0	Dissolved Oxygen (mg/L)	4.37
G344A	09/26/2007	11:49	0	Nitrate + Nitrite (mg N/L)	0.211
G344A	09/26/2007	11:49	0	pH	7.7
G344A	09/26/2007	11:49	0	Sulfate (mg/L)	6.2
G344A	09/26/2007	11:49	0	Temperature ($^{\circ}$ C)	25.6
G344A	09/26/2007	11:49	0	Total Phosphorus (mg/L)	0.062
G344A	09/26/2007	11:49	0	Turbidity (NTU)	1.1
G344B	09/26/2007	12:13	0	Conductivity (μ S/cm)	463
G344B	09/26/2007	12:13	0	Dissolved Oxygen (mg/L)	5.08
G344B	09/26/2007	12:13	0	Nitrate + Nitrite (mg N/L)	0.018
G344B	09/26/2007	12:13	0	pH	8.2
G344B	09/26/2007	12:13	0	Sulfate (mg/L)	2.9
G344B	09/26/2007	12:13	0	Temperature ($^{\circ}$ C)	26.4
G344B	09/26/2007	12:13	0	Total Phosphorus (mg/L)	0.06
G344B	09/26/2007	12:13	0	Turbidity (NTU)	3.3
G344C	09/26/2007	12:31	0	Conductivity (μ S/cm)	478
G344C	09/26/2007	12:31	0	Dissolved Oxygen (mg/L)	4.98
G344C	09/26/2007	12:31	0	Nitrate + Nitrite (mg N/L)	0.037
G344C	09/26/2007	12:31	0	pH	8.1
G344C	09/26/2007	12:31	0	Sulfate (mg/L)	0.4
G344C	09/26/2007	12:31	0	Temperature ($^{\circ}$ C)	26.9
G344C	09/26/2007	12:31	0	Total Phosphorus (mg/L)	0.102
G344C	09/26/2007	12:31	0	Turbidity (NTU)	3.5
G344D	09/26/2007	12:48	0	Conductivity (μ S/cm)	534
G344D	09/26/2007	12:48	0	Dissolved Oxygen (mg/L)	4.45
G344D	09/26/2007	12:48	0	Nitrate + Nitrite (mg N/L)	0.036
G344D	09/26/2007	12:48	0	pH	7
G344D	09/26/2007	12:48	0	Sulfate (mg/L)	0.6
G344D	09/26/2007	12:48	0	Temperature ($^{\circ}$ C)	27
G344D	09/26/2007	12:49	24	Total Phosphorus (mg/L)	0.111
G344D	09/26/2007	12:48	0	Total Phosphorus (mg/L)	0.095
G344D	09/26/2007	12:48	0	Turbidity (NTU)	5.1
G342A	10/03/2007	13:16	0	Conductivity (μ S/cm)	608
G342A	10/03/2007	13:16	0	Dissolved Oxygen (mg/L)	6.95
G342A	10/03/2007	13:16	0	pH	7.3
G342A	10/03/2007	13:16	0	Temperature ($^{\circ}$ C)	28.4
G342A	10/03/2007	13:16	0	Total Phosphorus (mg/L)	0.074
G342B	10/03/2007	12:59	0	Conductivity (μ S/cm)	651
G342B	10/03/2007	12:59	0	Dissolved Oxygen (mg/L)	7.17
G342B	10/03/2007	12:59	0	pH	7.3
G342B	10/03/2007	12:59	0	Temperature ($^{\circ}$ C)	28.4
G342B	10/03/2007	12:59	0	Total Phosphorus (mg/L)	0.072
G342C	10/03/2007	12:40	0	Conductivity (μ S/cm)	631
G342C	10/03/2007	12:40	0	Dissolved Oxygen (mg/L)	6.07
G342C	10/03/2007	12:40	0	pH	7.2
G342C	10/03/2007	12:40	0	Temperature ($^{\circ}$ C)	28.1

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342C	10/03/2007	12:40	0	Total Phosphorus (mg/L)	0.069
G342C	10/03/2007	12:45	24	Total Phosphorus (mg/L)	0.061
G342D	10/03/2007	12:17	0	Conductivity (μ S/cm)	666
G342D	10/03/2007	12:17	0	Dissolved Oxygen (mg/L)	6.8
G342D	10/03/2007	12:17	0	pH	7.2
G342D	10/03/2007	12:17	0	Temperature ($^{\circ}$ C)	27.2
G342D	10/03/2007	12:17	0	Total Phosphorus (mg/L)	0.078
G342D	10/03/2007	12:25	24	Total Phosphorus (mg/L)	0.241
G344A	10/03/2007	10:20	0	Conductivity (μ S/cm)	454
G344A	10/03/2007	10:20	0	Dissolved Oxygen (mg/L)	3.73
G344A	10/03/2007	10:20	0	pH	7.8
G344A	10/03/2007	10:20	0	Temperature ($^{\circ}$ C)	24.9
G344A	10/03/2007	10:20	0	Total Phosphorus (mg/L)	0.031
G344B	10/03/2007	10:42	0	Conductivity (μ S/cm)	463
G344B	10/03/2007	10:42	0	Dissolved Oxygen (mg/L)	6.52
G344B	10/03/2007	10:42	0	pH	8
G344B	10/03/2007	10:42	0	Temperature ($^{\circ}$ C)	26.8
G344B	10/03/2007	10:42	0	Total Phosphorus (mg/L)	0.041
G344C	10/03/2007	10:57	0	Conductivity (μ S/cm)	530
G344C	10/03/2007	10:57	0	Dissolved Oxygen (mg/L)	7.06
G344C	10/03/2007	10:57	0	pH	7.2
G344C	10/03/2007	10:57	0	Temperature ($^{\circ}$ C)	27.5
G344C	10/03/2007	10:57	0	Total Phosphorus (mg/L)	0.065
G344D	10/03/2007	11:13	0	Conductivity (μ S/cm)	547
G344D	10/03/2007	11:13	0	Dissolved Oxygen (mg/L)	4.12
G344D	10/03/2007	11:13	0	pH	7
G344D	10/03/2007	11:13	0	Temperature ($^{\circ}$ C)	26.2
G344D	10/03/2007	11:13	0	Total Phosphorus (mg/L)	0.054
G342A	10/10/2007	12:59	0	Conductivity (μ S/cm)	609
G342A	10/10/2007	12:59	0	Dissolved Oxygen (mg/L)	4.25
G342A	10/10/2007	12:59	0	Nitrate + Nitrite (mg N/L)	0.005
G342A	10/10/2007	12:59	0	pH	7.4
G342A	10/10/2007	12:59	0	Sulfate (mg/L)	9.9
G342A	10/10/2007	12:59	0	Temperature ($^{\circ}$ C)	28.5
G342A	10/10/2007	12:59	0	Total Phosphorus (mg/L)	0.049
G342A	10/10/2007	13:04	24	Total Phosphorus (mg/L)	0.054
G342A	10/10/2007	12:59	0	Turbidity (NTU)	2.1
G342B	10/10/2007	12:38	0	Conductivity (μ S/cm)	571
G342B	10/10/2007	12:38	0	Dissolved Oxygen (mg/L)	4.35
G342B	10/10/2007	12:38	0	Nitrate + Nitrite (mg N/L)	0.017
G342B	10/10/2007	12:38	0	pH	7.5
G342B	10/10/2007	12:38	0	Sulfate (mg/L)	8.1
G342B	10/10/2007	12:38	0	Temperature ($^{\circ}$ C)	29.8
G342B	10/10/2007	12:38	0	Total Phosphorus (mg/L)	0.07
G342B	10/10/2007	12:38	0	Turbidity (NTU)	1.9
G342C	10/10/2007	12:25	0	Conductivity (μ S/cm)	553.2
G342C	10/10/2007	12:25	0	Dissolved Oxygen (mg/L)	5.13
G342C	10/10/2007	12:25	0	Nitrate + Nitrite (mg N/L)	0.011
G342C	10/10/2007	12:25	0	pH	7.6

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342C	10/10/2007	12:25	0	Sulfate (mg/L)	7.6
G342C	10/10/2007	12:25	0	Temperature (°C)	29.4
G342C	10/10/2007	12:25	0	Total Phosphorus (mg/L)	0.084
G342C	10/10/2007	12:25	0	Turbidity (NTU)	2.8
G342D	10/10/2007	12:10	0	Conductivity (µS/cm)	521.6
G342D	10/10/2007	12:10	0	Dissolved Oxygen (mg/L)	3.13
G342D	10/10/2007	12:10	0	Nitrate + Nitrite (mg N/L)	0.027
G342D	10/10/2007	12:10	0	pH	7.4
G342D	10/10/2007	12:10	0	Sulfate (mg/L)	6.9
G342D	10/10/2007	12:10	0	Temperature (°C)	27.8
G342D	10/10/2007	12:10	0	Total Phosphorus (mg/L)	0.093
G342D	10/10/2007	12:10	0	Turbidity (NTU)	1
G344A	10/10/2007	10:13	0	Conductivity (µS/cm)	465.2
G344A	10/10/2007	10:13	0	Dissolved Oxygen (mg/L)	2.64
G344A	10/10/2007	10:13	0	Nitrate + Nitrite (mg N/L)	<0.005
G344A	10/10/2007	10:13	0	pH	7.8
G344A	10/10/2007	10:13	0	Sulfate (mg/L)	2
G344A	10/10/2007	10:13	0	Temperature (°C)	25.6
G344A	10/10/2007	10:13	0	Total Phosphorus (mg/L)	0.028
G344A	10/10/2007	10:13	0	Turbidity (NTU)	1.3
G344B	10/10/2007	10:32	0	Conductivity (µS/cm)	472.4
G344B	10/10/2007	10:32	0	Dissolved Oxygen (mg/L)	5.04
G344B	10/10/2007	10:32	0	Nitrate + Nitrite (mg N/L)	0.015
G344B	10/10/2007	10:32	0	pH	8.6
G344B	10/10/2007	10:32	0	Sulfate (mg/L)	2.2
G344B	10/10/2007	10:32	0	Temperature (°C)	26.9
G344B	10/10/2007	10:32	0	Total Phosphorus (mg/L)	0.029
G344B	10/10/2007	10:32	0	Turbidity (NTU)	1.8
G344C	10/10/2007	10:51	0	Conductivity (µS/cm)	526.1
G344C	10/10/2007	10:51	0	Dissolved Oxygen (mg/L)	3.41
G344C	10/10/2007	10:51	0	Nitrate + Nitrite (mg N/L)	<0.005
G344C	10/10/2007	10:51	0	pH	7.5
G344C	10/10/2007	10:51	0	Sulfate (mg/L)	0.9
G344C	10/10/2007	10:51	0	Temperature (°C)	27.6
G344C	10/10/2007	10:51	0	Total Phosphorus (mg/L)	0.057
G344C	10/10/2007	10:51	0	Turbidity (NTU)	2.2
G344D	10/10/2007	11:06	0	Conductivity (µS/cm)	527.3
G344D	10/10/2007	11:06	0	Dissolved Oxygen (mg/L)	2.1
G344D	10/10/2007	11:06	0	Nitrate + Nitrite (mg N/L)	<0.005
G344D	10/10/2007	11:06	0	pH	7.5
G344D	10/10/2007	11:06	0	Sulfate (mg/L)	0.6
G344D	10/10/2007	11:06	0	Temperature (°C)	27.4
G344D	10/10/2007	11:06	0	Total Phosphorus (mg/L)	0.044
G344D	10/10/2007	11:06	0	Turbidity (NTU)	1.9
G342A	10/16/2007	12:28	0	Conductivity (µS/cm)	548
G342A	10/16/2007	12:28	0	Dissolved Oxygen (mg/L)	6.48
G342A	10/16/2007	12:28	0	pH	7.6
G342A	10/16/2007	12:28	0	Temperature (°C)	26.2
G342A	10/16/2007	12:28	0	Total Phosphorus (mg/L)	0.072

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342A	10/16/2007	12:22	24	Total Phosphorus (mg/L)	0.06
G342B	10/16/2007	12:13	0	Conductivity (μ S/cm)	534
G342B	10/16/2007	12:13	0	Dissolved Oxygen (mg/L)	6.58
G342B	10/16/2007	12:13	0	pH	7.6
G342B	10/16/2007	12:13	0	Temperature ($^{\circ}$ C)	26.2
G342B	10/16/2007	12:05	24	Total Phosphorus (mg/L)	0.082
G342B	10/16/2007	12:13	0	Total Phosphorus (mg/L)	0.076
G342C	10/16/2007	11:52	0	Conductivity (μ S/cm)	541
G342C	10/16/2007	11:52	0	Dissolved Oxygen (mg/L)	7.56
G342C	10/16/2007	11:52	0	pH	7.5
G342C	10/16/2007	11:52	0	Temperature ($^{\circ}$ C)	26.9
G342C	10/16/2007	11:52	0	Total Phosphorus (mg/L)	0.075
G342D	10/16/2007	11:28	0	Conductivity (μ S/cm)	542
G342D	10/16/2007	11:28	0	Dissolved Oxygen (mg/L)	7.45
G342D	10/16/2007	11:28	0	pH	7.4
G342D	10/16/2007	11:28	0	Temperature ($^{\circ}$ C)	25.6
G342D	10/16/2007	11:28	0	Total Phosphorus (mg/L)	0.069
G344A	10/16/2007	9:24	0	Conductivity (μ S/cm)	495
G344A	10/16/2007	9:24	0	Dissolved Oxygen (mg/L)	3.14
G344A	10/16/2007	9:24	0	pH	7.8
G344A	10/16/2007	9:24	0	Temperature ($^{\circ}$ C)	23.2
G344A	10/16/2007	9:24	0	Total Phosphorus (mg/L)	0.026
G344B	10/16/2007	10:05	0	Conductivity (μ S/cm)	505
G344B	10/16/2007	10:05	0	Dissolved Oxygen (mg/L)	7
G344B	10/16/2007	10:05	0	pH	8.4
G344B	10/16/2007	10:05	0	Temperature ($^{\circ}$ C)	24.5
G344B	10/16/2007	10:05	0	Total Phosphorus (mg/L)	0.027
G344C	10/16/2007	10:18	0	Conductivity (μ S/cm)	544
G344C	10/16/2007	10:18	0	Dissolved Oxygen (mg/L)	6.68
G344C	10/16/2007	10:18	0	pH	7.5
G344C	10/16/2007	10:18	0	Temperature ($^{\circ}$ C)	25.1
G344C	10/16/2007	10:18	0	Total Phosphorus (mg/L)	0.061
G344D	10/16/2007	10:38	0	Conductivity (μ S/cm)	539
G344D	10/16/2007	10:38	0	Dissolved Oxygen (mg/L)	7.19
G344D	10/16/2007	10:38	0	pH	7.5
G344D	10/16/2007	10:38	0	Temperature ($^{\circ}$ C)	25
G344D	10/16/2007	10:38	0	Total Phosphorus (mg/L)	0.041
G342A	10/24/2007	12:48	0	Conductivity (μ S/cm)	638
G342A	10/24/2007	12:48	0	Dissolved Oxygen (mg/L)	3.07
G342A	10/24/2007	12:48	0	Nitrate + Nitrite (mg N/L)	<0.005
G342A	10/24/2007	12:48	0	pH	7.3
G342A	10/24/2007	12:48	0	Sulfate (mg/L)	10.3
G342A	10/24/2007	12:48	0	Temperature ($^{\circ}$ C)	28.4
G342A	10/24/2007	12:43	24	Total Phosphorus (mg/L)	0.055
G342A	10/24/2007	12:48	0	Total Phosphorus (mg/L)	0.066
G342A	10/24/2007	12:48	0	Turbidity (NTU)	1.2
G342B	10/24/2007	12:20	0	Conductivity (μ S/cm)	585
G342B	10/24/2007	12:20	0	Dissolved Oxygen (mg/L)	3.89
G342B	10/24/2007	12:20	0	Nitrate + Nitrite (mg N/L)	0.016

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342B	10/24/2007	12:20	0	pH	7.3
G342B	10/24/2007	12:20	0	Sulfate (mg/L)	8.8
G342B	10/24/2007	12:20	0	Temperature (°C)	28.1
G342B	10/24/2007	12:20	0	Total Phosphorus (mg/L)	0.073
G342B	10/24/2007	12:20	0	Turbidity (NTU)	0.8
G342C	10/24/2007	12:05	0	Conductivity (µS/cm)	583
G342C	10/24/2007	12:05	0	Dissolved Oxygen (mg/L)	4.31
G342C	10/24/2007	12:05	0	Nitrate + Nitrite (mg N/L)	0.018
G342C	10/24/2007	12:05	0	pH	7.2
G342C	10/24/2007	12:05	0	Sulfate (mg/L)	8.3
G342C	10/24/2007	12:05	0	Temperature (°C)	28
G342C	10/24/2007	12:05	0	Total Phosphorus (mg/L)	0.087
G342C	10/24/2007	12:05	0	Turbidity (NTU)	1.9
G342D	10/24/2007	11:35	0	Conductivity (µS/cm)	549
G342D	10/24/2007	11:35	0	Dissolved Oxygen (mg/L)	2.11
G342D	10/24/2007	11:35	0	Nitrate + Nitrite (mg N/L)	0.017
G342D	10/24/2007	11:35	0	pH	7.1
G342D	10/24/2007	11:35	0	Sulfate (mg/L)	6.5
G342D	10/24/2007	11:35	0	Temperature (°C)	27.6
G342D	10/24/2007	11:35	0	Total Phosphorus (mg/L)	0.071
G342D	10/24/2007	11:35	0	Turbidity (NTU)	1.2
G344A	10/24/2007	9:52	0	Conductivity (µS/cm)	511
G344A	10/24/2007	9:52	0	Dissolved Oxygen (mg/L)	2.89
G344A	10/24/2007	9:52	0	Nitrate + Nitrite (mg N/L)	<0.005
G344A	10/24/2007	9:52	0	pH	7.3
G344A	10/24/2007	9:52	0	Sulfate (mg/L)	1.7
G344A	10/24/2007	9:52	0	Temperature (°C)	25.6
G344A	10/24/2007	9:52	0	Total Phosphorus (mg/L)	0.034
G344A	10/24/2007	9:52	0	Turbidity (NTU)	1.2
G344B	10/24/2007	10:17	0	Conductivity (µS/cm)	484
G344B	10/24/2007	10:17	0	Dissolved Oxygen (mg/L)	1.9
G344B	10/24/2007	10:17	0	Nitrate + Nitrite (mg N/L)	0.018
G344B	10/24/2007	10:17	0	pH	8.4
G344B	10/24/2007	10:17	0	Sulfate (mg/L)	2.2
G344B	10/24/2007	10:17	0	Temperature (°C)	27.3
G344B	10/24/2007	10:17	0	Total Phosphorus (mg/L)	0.035
G344B	10/24/2007	10:17	0	Turbidity (NTU)	1.5
G344C	10/24/2007	10:35	0	Conductivity (µS/cm)	541
G344C	10/24/2007	10:35	0	Dissolved Oxygen (mg/L)	3.66
G344C	10/24/2007	10:35	0	Nitrate + Nitrite (mg N/L)	<0.005
G344C	10/24/2007	10:35	0	pH	7.4
G344C	10/24/2007	10:35	0	Sulfate (mg/L)	1
G344C	10/24/2007	10:35	0	Temperature (°C)	28.3
G344C	10/24/2007	10:35	0	Total Phosphorus (mg/L)	0.057
G344C	10/24/2007	10:35	0	Turbidity (NTU)	2.6
G344D	10/24/2007	10:52	0	Conductivity (µS/cm)	539
G344D	10/24/2007	10:52	0	Dissolved Oxygen (mg/L)	2.9
G344D	10/24/2007	10:52	0	Nitrate + Nitrite (mg N/L)	0.005
G344D	10/24/2007	10:52	0	pH	7.4

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344D	10/24/2007	10:52	0	Sulfate (mg/L)	0.8
G344D	10/24/2007	10:52	0	Temperature (°C)	25.6
G344D	10/24/2007	10:52	0	Total Phosphorus (mg/L)	0.043
G344D	10/24/2007	10:52	0	Turbidity (NTU)	1.2
G342A	10/31/2007	13:17	0	Conductivity (µS/cm)	698
G342A	10/31/2007	13:17	0	Dissolved Oxygen (mg/L)	8.12
G342A	10/31/2007	13:17	0	pH	7.2
G342A	10/31/2007	13:17	0	Temperature (°C)	25.8
G342A	10/31/2007	13:17	0	Total Phosphorus (mg/L)	0.067
G342A	10/31/2007	13:19	24	Total Phosphorus (mg/L)	0.082
G342B	10/31/2007	12:43	0	Conductivity (µS/cm)	688
G342B	10/31/2007	12:43	0	Dissolved Oxygen (mg/L)	7.8
G342B	10/31/2007	12:43	0	pH	7.2
G342B	10/31/2007	12:43	0	Temperature (°C)	25.7
G342B	10/31/2007	12:43	0	Total Phosphorus (mg/L)	0.059
G342B	10/31/2007	12:48	24	Total Phosphorus (mg/L)	0.147
G342C	10/31/2007	12:25	0	Conductivity (µS/cm)	631
G342C	10/31/2007	12:25	0	Dissolved Oxygen (mg/L)	7.54
G342C	10/31/2007	12:25	0	pH	7.2
G342C	10/31/2007	12:25	0	Temperature (°C)	25.5
G342C	10/31/2007	12:25	0	Total Phosphorus (mg/L)	0.059
G342C	10/31/2007	12:26	24	Total Phosphorus (mg/L)	0.082
G342D	10/31/2007	12:01	0	Conductivity (µS/cm)	559
G342D	10/31/2007	12:01	0	Dissolved Oxygen (mg/L)	4.96
G342D	10/31/2007	12:01	0	pH	7.1
G342D	10/31/2007	12:01	0	Temperature (°C)	25.5
G342D	10/31/2007	12:04	24	Total Phosphorus (mg/L)	0.079
G342D	10/31/2007	12:01	0	Total Phosphorus (mg/L)	0.067
G344A	10/31/2007	9:28	0	Conductivity (µS/cm)	509
G344A	10/31/2007	9:28	0	Dissolved Oxygen (mg/L)	3.6
G344A	10/31/2007	9:28	0	pH	7.6
G344A	10/31/2007	9:28	0	Temperature (°C)	23.4
G344A	10/31/2007	9:28	0	Total Phosphorus (mg/L)	0.024
G344B	10/31/2007	9:58	0	Conductivity (µS/cm)	467
G344B	10/31/2007	9:58	0	Dissolved Oxygen (mg/L)	5.69
G344B	10/31/2007	9:58	0	pH	7.9
G344B	10/31/2007	9:58	0	Temperature (°C)	24.6
G344B	10/31/2007	9:58	0	Total Phosphorus (mg/L)	0.032
G344C	10/31/2007	10:17	0	Conductivity (µS/cm)	530
G344C	10/31/2007	10:17	0	Dissolved Oxygen (mg/L)	4.75
G344C	10/31/2007	10:17	0	pH	7.2
G344C	10/31/2007	10:17	0	Temperature (°C)	24.9
G344C	10/31/2007	10:19	24	Total Phosphorus (mg/L)	0.102
G344C	10/31/2007	10:17	0	Total Phosphorus (mg/L)	0.04
G344D	10/31/2007	10:59	0	Conductivity (µS/cm)	517
G344D	10/31/2007	10:59	0	Dissolved Oxygen (mg/L)	5.38
G344D	10/31/2007	10:59	0	pH	7.3
G344D	10/31/2007	10:59	0	Temperature (°C)	24.9
G344D	10/31/2007	10:59	0	Total Phosphorus (mg/L)	0.03

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342A	11/06/2007	12:43	0	Conductivity ($\mu\text{S}/\text{cm}$)	697
G342A	11/06/2007	12:43	0	Dissolved Oxygen (mg/L)	7.62
G342A	11/06/2007	12:43	0	Nitrate + Nitrite (mg N/L)	0.035
G342A	11/06/2007	12:43	0	pH	7.5
G342A	11/06/2007	12:43	0	Sulfate (mg/L)	12.2
G342A	11/06/2007	12:43	0	Temperature ($^{\circ}\text{C}$)	23.5
G342A	11/06/2007	12:43	0	Total Phosphorus (mg/L)	0.06
G342A	11/06/2007	12:43	0	Turbidity (NTU)	2
G342B	11/06/2007	12:16	0	Conductivity ($\mu\text{S}/\text{cm}$)	582
G342B	11/06/2007	12:16	0	Dissolved Oxygen (mg/L)	6.85
G342B	11/06/2007	12:16	0	Nitrate + Nitrite (mg N/L)	<0.005
G342B	11/06/2007	12:16	0	pH	7.3
G342B	11/06/2007	12:16	0	Sulfate (mg/L)	7.6
G342B	11/06/2007	12:16	0	Temperature ($^{\circ}\text{C}$)	22.8
G342B	11/06/2007	12:16	0	Total Phosphorus (mg/L)	0.063
G342B	11/06/2007	12:16	0	Turbidity (NTU)	2.4
G342C	11/06/2007	12:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	572
G342C	11/06/2007	12:00	0	Dissolved Oxygen (mg/L)	6.92
G342C	11/06/2007	12:00	0	Nitrate + Nitrite (mg N/L)	0.009
G342C	11/06/2007	12:00	0	pH	7.1
G342C	11/06/2007	12:00	0	Sulfate (mg/L)	6.6
G342C	11/06/2007	12:00	0	Temperature ($^{\circ}\text{C}$)	23.2
G342C	11/06/2007	12:00	0	Total Phosphorus (mg/L)	0.055
G342C	11/06/2007	12:00	0	Turbidity (NTU)	2.2
G342D	11/06/2007	11:38	0	Conductivity ($\mu\text{S}/\text{cm}$)	554
G342D	11/06/2007	11:38	0	Dissolved Oxygen (mg/L)	7.9
G342D	11/06/2007	11:38	0	Nitrate + Nitrite (mg N/L)	0.009
G342D	11/06/2007	11:38	0	pH	7.1
G342D	11/06/2007	11:38	0	Sulfate (mg/L)	6.5
G342D	11/06/2007	11:38	0	Temperature ($^{\circ}\text{C}$)	23.4
G342D	11/06/2007	11:38	0	Total Phosphorus (mg/L)	0.045
G342D	11/06/2007	11:38	0	Turbidity (NTU)	1.1
G344A	11/06/2007	9:18	0	Conductivity ($\mu\text{S}/\text{cm}$)	504
G344A	11/06/2007	9:18	0	Dissolved Oxygen (mg/L)	5.19
G344A	11/06/2007	9:18	0	Nitrate + Nitrite (mg N/L)	0.028
G344A	11/06/2007	9:18	0	pH	7.4
G344A	11/06/2007	9:18	0	Sulfate (mg/L)	2.5
G344A	11/06/2007	9:18	0	Temperature ($^{\circ}\text{C}$)	19.4
G344A	11/06/2007	9:18	0	Total Phosphorus (mg/L)	0.017
G344A	11/06/2007	9:18	0	Turbidity (NTU)	1
G344B	11/06/2007	9:57	0	Conductivity ($\mu\text{S}/\text{cm}$)	470
G344B	11/06/2007	9:57	0	Dissolved Oxygen (mg/L)	8.67
G344B	11/06/2007	9:57	0	Nitrate + Nitrite (mg N/L)	0.029
G344B	11/06/2007	9:57	0	pH	8.4
G344B	11/06/2007	9:57	0	Sulfate (mg/L)	2.7
G344B	11/06/2007	9:57	0	Temperature ($^{\circ}\text{C}$)	20.4
G344B	11/06/2007	9:57	0	Total Phosphorus (mg/L)	0.024
G344B	11/06/2007	9:57	0	Turbidity (NTU)	1
G344C	11/06/2007	10:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	516

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	11/06/2007	10:15	0	Dissolved Oxygen (mg/L)	5.49
G344C	11/06/2007	10:15	0	Nitrate + Nitrite (mg N/L)	0.054
G344C	11/06/2007	10:15	0	pH	7.2
G344C	11/06/2007	10:15	0	Sulfate (mg/L)	1.4
G344C	11/06/2007	10:15	0	Temperature (°C)	20.5
G344C	11/06/2007	10:15	0	Total Phosphorus (mg/L)	0.039
G344C	11/06/2007	10:15	0	Turbidity (NTU)	3.1
G344D	11/06/2007	10:45	0	Conductivity (µS/cm)	512
G344D	11/06/2007	10:45	0	Dissolved Oxygen (mg/L)	7.63
G344D	11/06/2007	10:45	0	Nitrate + Nitrite (mg N/L)	0.02
G344D	11/06/2007	10:45	0	pH	7.3
G344D	11/06/2007	10:45	0	Sulfate (mg/L)	0.7
G344D	11/06/2007	10:45	0	Temperature (°C)	20.9
G344D	11/06/2007	10:45	0	Total Phosphorus (mg/L)	0.029
G344D	11/06/2007	10:45	0	Turbidity (NTU)	3.1
G342A	11/13/2007	11:18	0	Conductivity (µS/cm)	638
G342A	11/13/2007	11:18	0	Dissolved Oxygen (mg/L)	8.77
G342A	11/13/2007	11:18	0	pH	7.1
G342A	11/13/2007	11:18	0	Temperature (°C)	21.5
G342A	11/13/2007	11:18	0	Total Phosphorus (mg/L)	0.045
G342B	11/13/2007	11:05	0	Conductivity (µS/cm)	567
G342B	11/13/2007	11:05	0	Dissolved Oxygen (mg/L)	6.85
G342B	11/13/2007	11:05	0	pH	6.9
G342B	11/13/2007	11:05	0	Temperature (°C)	21.5
G342B	11/13/2007	11:05	0	Total Phosphorus (mg/L)	0.048
G342C	11/13/2007	10:53	0	Conductivity (µS/cm)	554
G342C	11/13/2007	10:53	0	Dissolved Oxygen (mg/L)	7.49
G342C	11/13/2007	10:53	0	pH	6.8
G342C	11/13/2007	10:53	0	Temperature (°C)	21.7
G342C	11/13/2007	10:53	0	Total Phosphorus (mg/L)	0.046
G342D	11/13/2007	10:42	0	Conductivity (µS/cm)	476
G342D	11/13/2007	10:42	0	Dissolved Oxygen (mg/L)	7.8
G342D	11/13/2007	10:42	0	pH	6.8
G342D	11/13/2007	10:42	0	Temperature (°C)	21.8
G342D	11/13/2007	10:42	0	Total Phosphorus (mg/L)	0.05
G344A	11/13/2007	9:17	0	Conductivity (µS/cm)	520
G344A	11/13/2007	9:17	0	Dissolved Oxygen (mg/L)	7.04
G344A	11/13/2007	9:17	0	pH	8.3
G344A	11/13/2007	9:17	0	Temperature (°C)	18.8
G344A	11/13/2007	9:17	0	Total Phosphorus (mg/L)	0.019
G344B	11/13/2007	9:32	0	Conductivity (µS/cm)	502
G344B	11/13/2007	9:32	0	Dissolved Oxygen (mg/L)	8.04
G344B	11/13/2007	9:32	0	pH	7.7
G344B	11/13/2007	9:32	0	Temperature (°C)	20.1
G344B	11/13/2007	9:32	0	Total Phosphorus (mg/L)	0.026
G344C	11/13/2007	9:48	0	Conductivity (µS/cm)	534
G344C	11/13/2007	9:48	0	Dissolved Oxygen (mg/L)	6.34
G344C	11/13/2007	9:48	0	pH	6.8
G344C	11/13/2007	9:48	0	Temperature (°C)	20.9

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	11/13/2007	9:48	0	Total Phosphorus (mg/L)	0.039
G344D	11/13/2007	10:03	0	Conductivity (μ S/cm)	533
G344D	11/13/2007	10:03	0	Dissolved Oxygen (mg/L)	6.64
G344D	11/13/2007	10:03	0	pH	7
G344D	11/13/2007	10:03	0	Temperature ($^{\circ}$ C)	21.1
G344D	11/13/2007	10:03	0	Total Phosphorus (mg/L)	0.03
G342A	11/19/2007	12:36	0	Conductivity (μ S/cm)	637
G342A	11/19/2007	12:36	0	Dissolved Oxygen (mg/L)	8.09
G342A	11/19/2007	12:36	0	Nitrate + Nitrite (mg N/L)	0.006
G342A	11/19/2007	12:36	0	pH	7.8
G342A	11/19/2007	12:36	0	Sulfate (mg/L)	9.3
G342A	11/19/2007	12:36	0	Temperature ($^{\circ}$ C)	20.7
G342A	11/19/2007	12:36	0	Total Phosphorus (mg/L)	0.047
G342A	11/19/2007	12:36	0	Turbidity (NTU)	2
G342B	11/19/2007	12:09	0	Conductivity (μ S/cm)	547
G342B	11/19/2007	12:09	0	Dissolved Oxygen (mg/L)	7.07
G342B	11/19/2007	12:09	0	Nitrate + Nitrite (mg N/L)	0.016
G342B	11/19/2007	12:09	0	pH	7.7
G342B	11/19/2007	12:09	0	Sulfate (mg/L)	6.3
G342B	11/19/2007	12:09	0	Temperature ($^{\circ}$ C)	20.7
G342B	11/19/2007	12:09	0	Total Phosphorus (mg/L)	0.055
G342B	11/19/2007	12:09	0	Turbidity (NTU)	2
G342C	11/19/2007	11:58	0	Conductivity (μ S/cm)	546
G342C	11/19/2007	11:58	0	Dissolved Oxygen (mg/L)	7.18
G342C	11/19/2007	11:58	0	Nitrate + Nitrite (mg N/L)	0.01
G342C	11/19/2007	11:58	0	pH	7.7
G342C	11/19/2007	11:58	0	Sulfate (mg/L)	6.1
G342C	11/19/2007	11:58	0	Temperature ($^{\circ}$ C)	20.9
G342C	11/19/2007	11:58	0	Total Phosphorus (mg/L)	0.054
G342C	11/19/2007	11:58	0	Turbidity (NTU)	2.1
G342D	11/19/2007	11:42	0	Conductivity (μ S/cm)	519
G342D	11/19/2007	11:42	0	Dissolved Oxygen (mg/L)	6.54
G342D	11/19/2007	11:42	0	Nitrate + Nitrite (mg N/L)	0.023
G342D	11/19/2007	11:42	0	pH	7.5
G342D	11/19/2007	11:42	0	Sulfate (mg/L)	6
G342D	11/19/2007	11:42	0	Temperature ($^{\circ}$ C)	21.7
G342D	11/19/2007	11:42	0	Total Phosphorus (mg/L)	0.075
G342D	11/19/2007	11:42	0	Turbidity (NTU)	1
G344A	11/19/2007	10:05	0	Conductivity (μ S/cm)	544
G344A	11/19/2007	10:05	0	Dissolved Oxygen (mg/L)	7.99
G344A	11/19/2007	10:05	0	Nitrate + Nitrite (mg N/L)	0.018
G344A	11/19/2007	10:05	0	pH	8.1
G344A	11/19/2007	10:05	0	Sulfate (mg/L)	3
G344A	11/19/2007	10:05	0	Temperature ($^{\circ}$ C)	17.7
G344A	11/19/2007	10:05	0	Total Phosphorus (mg/L)	0.038
G344A	11/19/2007	10:05	0	Turbidity (NTU)	2.4
G344B	11/19/2007	10:26	0	Conductivity (μ S/cm)	540
G344B	11/19/2007	10:26	0	Dissolved Oxygen (mg/L)	8.27
G344B	11/19/2007	10:26	0	Nitrate + Nitrite (mg N/L)	0.008

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	11/19/2007	10:26	0	pH	8.5
G344B	11/19/2007	10:26	0	Sulfate (mg/L)	2.6
G344B	11/19/2007	10:26	0	Temperature (°C)	19.3
G344B	11/19/2007	10:26	0	Total Phosphorus (mg/L)	0.032
G344B	11/19/2007	10:26	0	Turbidity (NTU)	1.1
G344C	11/19/2007	10:46	0	Conductivity (µS/cm)	542
G344C	11/19/2007	10:46	0	Dissolved Oxygen (mg/L)	7.5
G344C	11/19/2007	10:46	0	Nitrate + Nitrite (mg N/L)	0.049
G344C	11/19/2007	10:46	0	pH	7.8
G344C	11/19/2007	10:46	0	Sulfate (mg/L)	1.4
G344C	11/19/2007	10:46	0	Temperature (°C)	19.7
G344C	11/19/2007	10:46	0	Total Phosphorus (mg/L)	0.039
G344C	11/19/2007	10:46	0	Turbidity (NTU)	1.1
G344D	11/19/2007	11:05	0	Conductivity (µS/cm)	540
G344D	11/19/2007	11:05	0	Dissolved Oxygen (mg/L)	8.43
G344D	11/19/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.022
G344D	11/19/2007	11:05	0	pH	7.9
G344D	11/19/2007	11:05	0	Sulfate (mg/L)	1.3
G344D	11/19/2007	11:05	0	Temperature (°C)	19.9
G344D	11/19/2007	11:05	0	Total Phosphorus (mg/L)	0.029
G344D	11/19/2007	11:05	0	Turbidity (NTU)	1.8
G342A	11/28/2007	11:14	0	Conductivity (µS/cm)	614
G342A	11/28/2007	11:14	0	Dissolved Oxygen (mg/L)	7.87
G342A	11/28/2007	11:14	0	pH	7.6
G342A	11/28/2007	11:14	0	Temperature (°C)	24.5
G342A	11/28/2007	11:14	0	Total Phosphorus (mg/L)	0.059
G342B	11/28/2007	11:01	0	Conductivity (µS/cm)	563
G342B	11/28/2007	11:01	0	Dissolved Oxygen (mg/L)	6.74
G342B	11/28/2007	11:01	0	pH	7.5
G342B	11/28/2007	11:01	0	Temperature (°C)	24.3
G342B	11/28/2007	11:01	0	Total Phosphorus (mg/L)	0.064
G342C	11/28/2007	10:51	0	Conductivity (µS/cm)	534
G342C	11/28/2007	10:51	0	Dissolved Oxygen (mg/L)	6.71
G342C	11/28/2007	10:51	0	pH	7.5
G342C	11/28/2007	10:51	0	Temperature (°C)	24.2
G342C	11/28/2007	10:51	0	Total Phosphorus (mg/L)	0.077
G342D	11/28/2007	10:35	0	Conductivity (µS/cm)	570
G342D	11/28/2007	10:35	0	Dissolved Oxygen (mg/L)	5.66
G342D	11/28/2007	10:35	0	pH	7.3
G342D	11/28/2007	10:35	0	Temperature (°C)	24.5
G342D	11/28/2007	10:35	0	Total Phosphorus (mg/L)	0.165
G344A	11/28/2007	9:19	0	Conductivity (µS/cm)	558
G344A	11/28/2007	9:19	0	Dissolved Oxygen (mg/L)	3.45
G344A	11/28/2007	9:19	0	pH	7.6
G344A	11/28/2007	9:19	0	Temperature (°C)	22.5
G344A	11/28/2007	9:19	0	Total Phosphorus (mg/L)	0.065
G344B	11/28/2007	9:35	0	Conductivity (µS/cm)	564
G344B	11/28/2007	9:35	0	Dissolved Oxygen (mg/L)	7.11
G344B	11/28/2007	9:35	0	pH	8.3

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	11/28/2007	9:35	0	Temperature (°C)	24.7
G344B	11/28/2007	9:35	0	Total Phosphorus (mg/L)	0.049
G344C	11/28/2007	9:48	0	Conductivity (µS/cm)	551
G344C	11/28/2007	9:48	0	Dissolved Oxygen (mg/L)	6.95
G344C	11/28/2007	9:48	0	pH	7.6
G344C	11/28/2007	9:48	0	Temperature (°C)	24.4
G344C	11/28/2007	9:48	0	Total Phosphorus (mg/L)	0.049
G344D	11/28/2007	9:59	0	Conductivity (µS/cm)	551
G344D	11/28/2007	9:59	0	Dissolved Oxygen (mg/L)	6.96
G344D	11/28/2007	9:59	0	pH	7.6
G344D	11/28/2007	9:59	0	Temperature (°C)	24.6
G344D	11/28/2007	9:59	0	Total Phosphorus (mg/L)	0.037
G342A	12/04/2007	13:57	0	Conductivity (µS/cm)	602
G342A	12/04/2007	13:57	0	Dissolved Oxygen (mg/L)	8.91
G342A	12/04/2007	13:57	0	pH	8.9
G342A	12/04/2007	13:57	0	Sulfate (mg/L)	7.1
G342A	12/04/2007	13:57	0	Temperature (°C)	26.3
G342A	12/04/2007	13:57	0	Total Phosphorus (mg/L)	0.054
G342A	12/04/2007	13:57	0	Turbidity (NTU)	2.6
G342B	12/04/2007	13:37	0	Conductivity (µS/cm)	564
G342B	12/04/2007	13:37	0	Dissolved Oxygen (mg/L)	9.33
G342B	12/04/2007	13:37	0	pH	8.2
G342B	12/04/2007	13:37	0	Sulfate (mg/L)	4.5
G342B	12/04/2007	13:37	0	Temperature (°C)	26.3
G342B	12/04/2007	13:37	0	Total Phosphorus (mg/L)	0.145
G342B	12/04/2007	13:37	0	Turbidity (NTU)	4.8
G342C	12/04/2007	13:21	0	Conductivity (µS/cm)	568
G342C	12/04/2007	13:21	0	Dissolved Oxygen (mg/L)	7.5
G342C	12/04/2007	13:21	0	pH	8
G342C	12/04/2007	13:21	0	Sulfate (mg/L)	4.2
G342C	12/04/2007	13:21	0	Temperature (°C)	25.8
G342C	12/04/2007	13:21	0	Total Phosphorus (mg/L)	0.14
G342C	12/04/2007	13:21	0	Turbidity (NTU)	3.9
G342D	12/04/2007	12:54	0	Conductivity (µS/cm)	581
G342D	12/04/2007	12:54	0	Dissolved Oxygen (mg/L)	6.56
G342D	12/04/2007	12:54	0	pH	7.9
G342D	12/04/2007	12:54	0	Sulfate (mg/L)	4.2
G342D	12/04/2007	12:54	0	Temperature (°C)	25.1
G342D	12/04/2007	12:54	0	Total Phosphorus (mg/L)	0.377
G342D	12/04/2007	12:54	0	Turbidity (NTU)	4.8
G344A	12/04/2007	10:12	0	Conductivity (µS/cm)	550
G344A	12/04/2007	10:12	0	Dissolved Oxygen (mg/L)	2.47
G344A	12/04/2007	10:12	0	pH	8
G344A	12/04/2007	10:12	0	Sulfate (mg/L)	2.4
G344A	12/04/2007	10:12	0	Temperature (°C)	22.5
G344A	12/04/2007	10:12	0	Total Phosphorus (mg/L)	0.042
G344A	12/04/2007	10:12	0	Turbidity (NTU)	1.1
G344B	12/04/2007	10:55	0	Conductivity (µS/cm)	556
G344B	12/04/2007	10:55	0	Dissolved Oxygen (mg/L)	6.94

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	12/04/2007	10:55	0	pH	8.6
G344B	12/04/2007	10:55	0	Sulfate (mg/L)	1.9
G344B	12/04/2007	10:55	0	Temperature (°C)	23.7
G344B	12/04/2007	10:55	0	Total Phosphorus (mg/L)	0.041
G344B	12/04/2007	10:55	0	Turbidity (NTU)	2.2
G344C	12/04/2007	11:35	0	Conductivity (µS/cm)	535
G344C	12/04/2007	11:35	0	Dissolved Oxygen (mg/L)	4.66
G344C	12/04/2007	11:35	0	pH	7.8
G344C	12/04/2007	11:35	0	Sulfate (mg/L)	0.7
G344C	12/04/2007	11:35	0	Temperature (°C)	23.3
G344C	12/04/2007	11:35	0	Total Phosphorus (mg/L)	0.058
G344C	12/04/2007	11:35	0	Turbidity (NTU)	3.3
G344D	12/04/2007	12:01	0	Conductivity (µS/cm)	538
G344D	12/04/2007	12:01	0	Dissolved Oxygen (mg/L)	6.57
G344D	12/04/2007	12:01	0	pH	8.1
G344D	12/04/2007	12:01	0	Sulfate (mg/L)	0.7
G344D	12/04/2007	12:01	0	Temperature (°C)	23.6
G344D	12/04/2007	12:01	0	Total Phosphorus (mg/L)	0.045
G344D	12/04/2007	12:01	0	Turbidity (NTU)	2.8
G342A	12/10/2007	11:35	0	Conductivity (µS/cm)	625
G342A	12/10/2007	11:35	0	Dissolved Oxygen (mg/L)	6.76
G342A	12/10/2007	11:35	0	pH	7.8
G342A	12/10/2007	11:35	0	Temperature (°C)	22.9
G342A	12/10/2007	11:35	0	Total Phosphorus (mg/L)	0.076
G342B	12/10/2007	11:15	0	Conductivity (µS/cm)	606
G342B	12/10/2007	11:15	0	Dissolved Oxygen (mg/L)	6.64
G342B	12/10/2007	11:15	0	pH	7.8
G342B	12/10/2007	11:15	0	Temperature (°C)	22.8
G342B	12/10/2007	11:15	0	Total Phosphorus (mg/L)	0.096
G342C	12/10/2007	11:05	0	Conductivity (µS/cm)	604
G342C	12/10/2007	11:05	0	Dissolved Oxygen (mg/L)	4.88
G342C	12/10/2007	11:05	0	pH	7.6
G342C	12/10/2007	11:05	0	Temperature (°C)	23.1
G342C	12/10/2007	11:05	0	Total Phosphorus (mg/L)	0.081
G342D	12/10/2007	10:55	0	Conductivity (µS/cm)	589
G342D	12/10/2007	10:55	0	Dissolved Oxygen (mg/L)	4.19
G342D	12/10/2007	10:55	0	pH	7.6
G342D	12/10/2007	10:55	0	Temperature (°C)	23.1
G342D	12/10/2007	10:55	0	Total Phosphorus (mg/L)	0.149
G344A	12/10/2007	9:27	0	Conductivity (µS/cm)	578
G344A	12/10/2007	9:27	0	Dissolved Oxygen (mg/L)	3.79
G344A	12/10/2007	9:27	0	pH	8
G344A	12/10/2007	9:27	0	Temperature (°C)	20.7
G344A	12/10/2007	9:27	0	Total Phosphorus (mg/L)	0.039
G344B	12/10/2007	9:52	0	Conductivity (µS/cm)	596
G344B	12/10/2007	9:52	0	Dissolved Oxygen (mg/L)	6.04
G344B	12/10/2007	9:52	0	pH	8.2
G344B	12/10/2007	9:52	0	Temperature (°C)	22
G344B	12/10/2007	9:52	0	Total Phosphorus (mg/L)	0.035

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	12/10/2007	10:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	569
G344C	12/10/2007	10:05	0	Dissolved Oxygen (mg/L)	6.14
G344C	12/10/2007	10:05	0	pH	7.9
G344C	12/10/2007	10:05	0	Temperature ($^{\circ}\text{C}$)	22.2
G344C	12/10/2007	10:05	0	Total Phosphorus (mg/L)	0.067
G344D	12/10/2007	10:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	559
G344D	12/10/2007	10:20	0	Dissolved Oxygen (mg/L)	6.91
G344D	12/10/2007	10:20	0	pH	8.1
G344D	12/10/2007	10:20	0	Temperature ($^{\circ}\text{C}$)	22.1
G344D	12/10/2007	10:20	0	Total Phosphorus (mg/L)	0.036
G342A	12/19/2007	11:41	0	Conductivity ($\mu\text{S}/\text{cm}$)	704
G342A	12/19/2007	11:41	0	Dissolved Oxygen (mg/L)	8.81
G342A	12/19/2007	11:41	0	Nitrate + Nitrite (mg N/L)	0.077
G342A	12/19/2007	11:41	0	pH	7.6
G342A	12/19/2007	11:41	0	Sulfate (mg/L)	10.5
G342A	12/19/2007	11:41	0	Temperature ($^{\circ}\text{C}$)	19.3
G342A	12/19/2007	11:41	0	Total Phosphorus (mg/L)	0.077
G342A	12/19/2007	11:41	0	Turbidity (NTU)	4.7
G342B	12/19/2007	11:25	0	Conductivity ($\mu\text{S}/\text{cm}$)	620
G342B	12/19/2007	11:25	0	Dissolved Oxygen (mg/L)	7.95
G342B	12/19/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.077
G342B	12/19/2007	11:25	0	pH	7.5
G342B	12/19/2007	11:25	0	Sulfate (mg/L)	7.6
G342B	12/19/2007	11:25	0	Temperature ($^{\circ}\text{C}$)	18.2
G342B	12/19/2007	11:25	0	Total Phosphorus (mg/L)	0.087
G342B	12/19/2007	11:25	0	Turbidity (NTU)	3.2
G342C	12/19/2007	11:11	0	Conductivity ($\mu\text{S}/\text{cm}$)	617
G342C	12/19/2007	11:11	0	Dissolved Oxygen (mg/L)	7.07
G342C	12/19/2007	11:11	0	Nitrate + Nitrite (mg N/L)	0.102
G342C	12/19/2007	11:11	0	pH	7.5
G342C	12/19/2007	11:11	0	Sulfate (mg/L)	7.5
G342C	12/19/2007	11:11	0	Temperature ($^{\circ}\text{C}$)	18.6
G342C	12/19/2007	11:11	0	Total Phosphorus (mg/L)	0.093
G342C	12/19/2007	11:11	0	Turbidity (NTU)	4
G342D	12/19/2007	10:56	0	Conductivity ($\mu\text{S}/\text{cm}$)	631
G342D	12/19/2007	10:56	0	Dissolved Oxygen (mg/L)	6.58
G342D	12/19/2007	10:56	0	Nitrate + Nitrite (mg N/L)	0.072
G342D	12/19/2007	10:56	0	pH	7.3
G342D	12/19/2007	10:56	0	Sulfate (mg/L)	6.7
G342D	12/19/2007	10:56	0	Temperature ($^{\circ}\text{C}$)	18.9
G342D	12/19/2007	10:56	0	Total Phosphorus (mg/L)	0.099
G342D	12/19/2007	10:56	0	Turbidity (NTU)	3.4
G344A	12/19/2007	9:41	0	Conductivity ($\mu\text{S}/\text{cm}$)	797
G344A	12/19/2007	9:41	0	Dissolved Oxygen (mg/L)	6.28
G344A	12/19/2007	9:41	0	Nitrate + Nitrite (mg N/L)	0.033
G344A	12/19/2007	9:41	0	pH	7
G344A	12/19/2007	9:41	0	Sulfate (mg/L)	12.1
G344A	12/19/2007	9:41	0	Temperature ($^{\circ}\text{C}$)	18.2
G344A	12/19/2007	9:41	0	Total Phosphorus (mg/L)	0.026

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	12/19/2007	9:41	0	Turbidity (NTU)	1.6
G344B	12/19/2007	9:57	0	Conductivity ($\mu\text{S/cm}$)	635
G344B	12/19/2007	9:57	0	Dissolved Oxygen (mg/L)	9.72
G344B	12/19/2007	9:57	0	Nitrate + Nitrite (mg N/L)	0.021
G344B	12/19/2007	9:57	0	pH	7.8
G344B	12/19/2007	9:57	0	Sulfate (mg/L)	2.4
G344B	12/19/2007	9:57	0	Temperature ($^{\circ}\text{C}$)	15.2
G344B	12/19/2007	9:57	0	Total Phosphorus (mg/L)	0.035
G344B	12/19/2007	9:57	0	Turbidity (NTU)	2.4
G344C	12/19/2007	10:10	0	Conductivity ($\mu\text{S/cm}$)	583
G344C	12/19/2007	10:10	0	Dissolved Oxygen (mg/L)	9.77
G344C	12/19/2007	10:10	0	Nitrate + Nitrite (mg N/L)	0.013
G344C	12/19/2007	10:10	0	pH	7.5
G344C	12/19/2007	10:10	0	Sulfate (mg/L)	0.7
G344C	12/19/2007	10:10	0	Temperature ($^{\circ}\text{C}$)	15.3
G344C	12/19/2007	10:10	0	Total Phosphorus (mg/L)	0.039
G344C	12/19/2007	10:10	0	Turbidity (NTU)	1.7
G344D	12/19/2007	10:25	0	Conductivity ($\mu\text{S/cm}$)	599
G344D	12/19/2007	10:25	0	Dissolved Oxygen (mg/L)	10.5
G344D	12/19/2007	10:25	0	Nitrate + Nitrite (mg N/L)	0.016
G344D	12/19/2007	10:25	0	pH	7.6
G344D	12/19/2007	10:25	0	Sulfate (mg/L)	0.8
G344D	12/19/2007	10:25	0	Temperature ($^{\circ}\text{C}$)	15.2
G344D	12/19/2007	10:25	0	Total Phosphorus (mg/L)	0.032
G344D	12/19/2007	10:25	0	Turbidity (NTU)	1
G342A	12/26/2007	12:13	0	Conductivity ($\mu\text{S/cm}$)	673
G342A	12/26/2007	12:13	0	Dissolved Oxygen (mg/L)	8.19
G342A	12/26/2007	12:13	0	pH	7.9
G342A	12/26/2007	12:13	0	Temperature ($^{\circ}\text{C}$)	21.9
G342A	12/26/2007	12:13	0	Total Phosphorus (mg/L)	0.063
G342B	12/26/2007	11:58	0	Conductivity ($\mu\text{S/cm}$)	635
G342B	12/26/2007	11:58	0	Dissolved Oxygen (mg/L)	8.08
G342B	12/26/2007	11:58	0	pH	7.9
G342B	12/26/2007	11:58	0	Temperature ($^{\circ}\text{C}$)	22.5
G342B	12/26/2007	11:58	0	Total Phosphorus (mg/L)	0.091
G342C	12/26/2007	11:47	0	Conductivity ($\mu\text{S/cm}$)	630
G342C	12/26/2007	11:47	0	Dissolved Oxygen (mg/L)	8.03
G342C	12/26/2007	11:47	0	pH	7.9
G342C	12/26/2007	11:47	0	Temperature ($^{\circ}\text{C}$)	22.2
G342C	12/26/2007	11:47	0	Total Phosphorus (mg/L)	0.084
G342D	12/26/2007	11:32	0	Conductivity ($\mu\text{S/cm}$)	641
G342D	12/26/2007	11:32	0	Dissolved Oxygen (mg/L)	7.65
G342D	12/26/2007	11:32	0	pH	7.6
G342D	12/26/2007	11:32	0	Temperature ($^{\circ}\text{C}$)	22.1
G342D	12/26/2007	11:32	0	Total Phosphorus (mg/L)	0.12
G344A	12/26/2007	9:58	0	Conductivity ($\mu\text{S/cm}$)	645
G344A	12/26/2007	9:58	0	Dissolved Oxygen (mg/L)	5.49
G344A	12/26/2007	9:58	0	pH	7.2
G344A	12/26/2007	9:58	0	Temperature ($^{\circ}\text{C}$)	20.7

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	12/26/2007	9:58	0	Total Phosphorus (mg/L)	0.034
G344B	12/26/2007	10:12	0	Conductivity (μ S/cm)	651
G344B	12/26/2007	10:12	0	Dissolved Oxygen (mg/L)	6.18
G344B	12/26/2007	10:12	0	pH	7.9
G344B	12/26/2007	10:12	0	Temperature ($^{\circ}$ C)	21.2
G344B	12/26/2007	10:12	0	Total Phosphorus (mg/L)	0.133
G344C	12/26/2007	10:25	0	Conductivity (μ S/cm)	599
G344C	12/26/2007	10:25	0	Dissolved Oxygen (mg/L)	6.33
G344C	12/26/2007	10:25	0	pH	7.9
G344C	12/26/2007	10:25	0	Temperature ($^{\circ}$ C)	21
G344C	12/26/2007	10:25	0	Total Phosphorus (mg/L)	0.039
G344D	12/26/2007	10:40	0	Conductivity (μ S/cm)	615
G344D	12/26/2007	10:40	0	Dissolved Oxygen (mg/L)	6.87
G344D	12/26/2007	10:40	0	pH	7.9
G344D	12/26/2007	10:40	0	Temperature ($^{\circ}$ C)	21.4
G344D	12/26/2007	10:40	0	Total Phosphorus (mg/L)	0.039
G342A	01/02/2008	12:08	0	Conductivity (μ S/cm)	671
G342A	01/02/2008	12:08	0	Dissolved Oxygen (mg/L)	7.6
G342A	01/02/2008	12:08	0	Nitrate + Nitrite (mg N/L)	0.065
G342A	01/02/2008	12:08	0	pH	7.8
G342A	01/02/2008	12:08	0	Sulfate (mg/L)	9.7
G342A	01/02/2008	12:08	0	Temperature ($^{\circ}$ C)	19.9
G342A	01/02/2008	12:08	0	Total Phosphorus (mg/L)	0.073
G342A	01/02/2008	12:08	0	Turbidity (NTU)	5
G342B	01/02/2008	11:51	0	Conductivity (μ S/cm)	640
G342B	01/02/2008	11:51	0	Dissolved Oxygen (mg/L)	7.82
G342B	01/02/2008	11:51	0	Nitrate + Nitrite (mg N/L)	0.07
G342B	01/02/2008	11:51	0	pH	7.9
G342B	01/02/2008	11:51	0	Sulfate (mg/L)	7.8
G342B	01/02/2008	11:51	0	Temperature ($^{\circ}$ C)	18.9
G342B	01/02/2008	11:51	0	Total Phosphorus (mg/L)	0.086
G342B	01/02/2008	11:51	0	Turbidity (NTU)	4.6
G342C	01/02/2008	11:37	0	Conductivity (μ S/cm)	637
G342C	01/02/2008	11:37	0	Dissolved Oxygen (mg/L)	5.87
G342C	01/02/2008	11:37	0	Nitrate + Nitrite (mg N/L)	0.039
G342C	01/02/2008	11:37	0	pH	7.6
G342C	01/02/2008	11:37	0	Sulfate (mg/L)	7.9
G342C	01/02/2008	11:37	0	Temperature ($^{\circ}$ C)	19.1
G342C	01/02/2008	11:37	0	Total Phosphorus (mg/L)	0.103
G342C	01/02/2008	11:37	0	Turbidity (NTU)	8.1
G342D	01/02/2008	11:19	0	Conductivity (μ S/cm)	626
G342D	01/02/2008	11:19	0	Dissolved Oxygen (mg/L)	5.68
G342D	01/02/2008	11:19	0	Nitrate + Nitrite (mg N/L)	0.069
G342D	01/02/2008	11:19	0	pH	7.6
G342D	01/02/2008	11:19	0	Sulfate (mg/L)	8.1
G342D	01/02/2008	11:19	0	Temperature ($^{\circ}$ C)	18.8
G342D	01/02/2008	11:19	0	Total Phosphorus (mg/L)	0.14
G342D	01/02/2008	11:19	0	Turbidity (NTU)	6.6
G344A	01/02/2008	10:39	0	Conductivity (μ S/cm)	678

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	01/02/2008	10:39	0	Dissolved Oxygen (mg/L)	5.89
G344A	01/02/2008	10:39	0	Nitrate + Nitrite (mg N/L)	0.048
G344A	01/02/2008	10:39	0	pH	7.6
G344A	01/02/2008	10:39	0	Sulfate (mg/L)	1.8
G344A	01/02/2008	10:39	0	Temperature (°C)	16.3
G344A	01/02/2008	10:39	0	Total Phosphorus (mg/L)	0.074
G344A	01/02/2008	10:39	0	Turbidity (NTU)	6.3
G344B	01/02/2008	10:24	0	Conductivity (µS/cm)	673
G344B	01/02/2008	10:24	0	Nitrate + Nitrite (mg N/L)	0.038
G344B	01/02/2008	10:24	0	pH	7.6
G344B	01/02/2008	10:24	0	Sulfate (mg/L)	1.5
G344B	01/02/2008	10:24	0	Temperature (°C)	11
G344B	01/02/2008	10:24	0	Total Phosphorus (mg/L)	0.064
G344B	01/02/2008	10:24	0	Turbidity (NTU)	7.9
G344C	01/02/2008	10:09	0	Conductivity (µS/cm)	587
G344C	01/02/2008	10:09	0	Dissolved Oxygen (mg/L)	8.37
G344C	01/02/2008	10:09	0	Nitrate + Nitrite (mg N/L)	0.013
G344C	01/02/2008	10:09	0	pH	7.8
G344C	01/02/2008	10:09	0	Sulfate (mg/L)	0.6
G344C	01/02/2008	10:09	0	Temperature (°C)	13.9
G344C	01/02/2008	10:09	0	Total Phosphorus (mg/L)	0.089
G344C	01/02/2008	10:09	0	Turbidity (NTU)	14.8
G344D	01/02/2008	9:50	0	Conductivity (µS/cm)	662
G344D	01/02/2008	9:50	0	Dissolved Oxygen (mg/L)	8.35
G344D	01/02/2008	9:50	0	Nitrate + Nitrite (mg N/L)	0.016
G344D	01/02/2008	9:50	0	pH	7.6
G344D	01/02/2008	9:50	0	Sulfate (mg/L)	0.6
G344D	01/02/2008	9:50	0	Temperature (°C)	12.5
G344D	01/02/2008	9:50	0	Total Phosphorus (mg/L)	0.056
G344D	01/02/2008	9:50	0	Turbidity (NTU)	6.5
G342A	01/08/2008	13:20	0	Conductivity (µS/cm)	771
G342A	01/08/2008	13:20	0	Dissolved Oxygen (mg/L)	4.99
G342A	01/08/2008	13:20	0	pH	7.4
G342A	01/08/2008	13:20	0	Temperature (°C)	20.7
G342A	01/08/2008	13:20	0	Total Phosphorus (mg/L)	0.384
G342B	01/08/2008	12:55	0	Conductivity (µS/cm)	711
G342B	01/08/2008	12:55	0	Dissolved Oxygen (mg/L)	9.35
G342B	01/08/2008	12:55	0	pH	8.1
G342B	01/08/2008	12:55	0	Temperature (°C)	19.8
G342B	01/08/2008	12:55	0	Total Phosphorus (mg/L)	0.158
G342C	01/08/2008	12:43	0	Conductivity (µS/cm)	699
G342C	01/08/2008	12:43	0	Dissolved Oxygen (mg/L)	9.76
G342C	01/08/2008	12:43	0	pH	8.1
G342C	01/08/2008	12:43	0	Temperature (°C)	19.1
G342C	01/08/2008	12:43	0	Total Phosphorus (mg/L)	0.147
G342D	01/08/2008	12:23	0	Conductivity (µS/cm)	639
G342D	01/08/2008	12:23	0	Dissolved Oxygen (mg/L)	8.34
G342D	01/08/2008	12:23	0	pH	7.9
G342D	01/08/2008	12:23	0	Temperature (°C)	20

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G342D	01/08/2008	12:23	0	Total Phosphorus (mg/L)	0.121
G344A	01/08/2008	9:20	0	Conductivity (μ S/cm)	685
G344A	01/08/2008	9:20	0	Dissolved Oxygen (mg/L)	7.07
G344A	01/08/2008	9:20	0	pH	7.6
G344A	01/08/2008	9:20	0	Temperature ($^{\circ}$ C)	18.1
G344A	01/08/2008	9:20	0	Total Phosphorus (mg/L)	0.109
G344B	01/08/2008	10:24	0	Conductivity (μ S/cm)	703
G344B	01/08/2008	10:24	0	Dissolved Oxygen (mg/L)	6.76
G344B	01/08/2008	10:24	0	pH	8.1
G344B	01/08/2008	10:24	0	Temperature ($^{\circ}$ C)	19.6
G344B	01/08/2008	10:24	0	Total Phosphorus (mg/L)	0.104
G344C	01/08/2008	11:02	0	Conductivity (μ S/cm)	631
G344C	01/08/2008	11:02	0	Dissolved Oxygen (mg/L)	8.12
G344C	01/08/2008	11:02	0	pH	8.2
G344C	01/08/2008	11:02	0	Temperature ($^{\circ}$ C)	19.5
G344D	01/08/2008	11:31	0	Conductivity (μ S/cm)	630
G344D	01/08/2008	11:31	0	Dissolved Oxygen (mg/L)	8.35
G344D	01/08/2008	11:31	0	pH	8.2
G344D	01/08/2008	11:31	0	Temperature ($^{\circ}$ C)	20
G344D	01/08/2008	11:31	0	Total Phosphorus (mg/L)	0.061
G342A	01/16/2008	12:33	0	Conductivity (μ S/cm)	733
G342A	01/16/2008	12:33	0	Dissolved Oxygen (mg/L)	9.07
G342A	01/16/2008	12:33	0	Nitrate + Nitrite (mg N/L)	0.1
G342A	01/16/2008	12:33	0	pH	7.6
G342A	01/16/2008	12:33	0	Sulfate (mg/L)	12.7
G342A	01/16/2008	12:33	0	Temperature ($^{\circ}$ C)	19.2
G342A	01/16/2008	12:33	0	Total Phosphorus (mg/L)	0.106
G342B	01/16/2008	12:12	0	Conductivity (μ S/cm)	695
G342B	01/16/2008	12:12	0	Dissolved Oxygen (mg/L)	9.09
G342B	01/16/2008	12:12	0	Nitrate + Nitrite (mg N/L)	0.033
G342B	01/16/2008	12:12	0	pH	7.6
G342B	01/16/2008	12:12	0	Sulfate (mg/L)	12.4
G342B	01/16/2008	12:12	0	Temperature ($^{\circ}$ C)	18.5
G342B	01/16/2008	12:12	0	Total Phosphorus (mg/L)	0.064
G342C	01/16/2008	11:58	0	Conductivity (μ S/cm)	697
G342C	01/16/2008	11:58	0	Dissolved Oxygen (mg/L)	8.26
G342C	01/16/2008	11:58	0	Nitrate + Nitrite (mg N/L)	0.012
G342C	01/16/2008	11:58	0	pH	7.6
G342C	01/16/2008	11:58	0	Sulfate (mg/L)	12.3
G342C	01/16/2008	11:58	0	Temperature ($^{\circ}$ C)	18.6
G342C	01/16/2008	11:58	0	Total Phosphorus (mg/L)	0.071
G342D	01/16/2008	11:43	0	Conductivity (μ S/cm)	636
G342D	01/16/2008	11:43	0	Dissolved Oxygen (mg/L)	6.62
G342D	01/16/2008	11:43	0	Nitrate + Nitrite (mg N/L)	0.082
G342D	01/16/2008	11:43	0	pH	7.4
G342D	01/16/2008	11:43	0	Sulfate (mg/L)	10.8
G342D	01/16/2008	11:43	0	Temperature ($^{\circ}$ C)	18.4
G342D	01/16/2008	11:43	0	Total Phosphorus (mg/L)	0.095
G344A	01/16/2008	9:57	0	Conductivity (μ S/cm)	734

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	01/16/2008	9:57	0	Dissolved Oxygen (mg/L)	7.13
G344A	01/16/2008	9:57	0	Nitrate + Nitrite (mg N/L)	0.162
G344A	01/16/2008	9:57	0	pH	6.3
G344A	01/16/2008	9:57	0	Sulfate (mg/L)	1.1
G344A	01/16/2008	9:57	0	Temperature (°C)	15.5
G344A	01/16/2008	9:57	0	Total Phosphorus (mg/L)	0.069
G344B	01/16/2008	10:16	0	Conductivity (µS/cm)	727
G344B	01/16/2008	10:16	0	Dissolved Oxygen (mg/L)	6.85
G344B	01/16/2008	10:16	0	Nitrate + Nitrite (mg N/L)	0.2
G344B	01/16/2008	10:16	0	pH	7.2
G344B	01/16/2008	10:16	0	Sulfate (mg/L)	1.7
G344B	01/16/2008	10:16	0	Temperature (°C)	14.9
G344B	01/16/2008	10:16	0	Total Phosphorus (mg/L)	0.091
G344C	01/16/2008	10:33	0	Conductivity (µS/cm)	624
G344C	01/16/2008	10:33	0	Dissolved Oxygen (mg/L)	8.83
G344C	01/16/2008	10:33	0	Nitrate + Nitrite (mg N/L)	0.037
G344C	01/16/2008	10:33	0	pH	7.8
G344C	01/16/2008	10:33	0	Sulfate (mg/L)	0.8
G344C	01/16/2008	10:33	0	Temperature (°C)	16.1
G344C	01/16/2008	10:33	0	Total Phosphorus (mg/L)	0.099
G344D	01/16/2008	10:53	0	Conductivity (µS/cm)	639
G344D	01/16/2008	10:53	0	Dissolved Oxygen (mg/L)	10.6
G344D	01/16/2008	10:53	0	Nitrate + Nitrite (mg N/L)	0.018
G344D	01/16/2008	10:53	0	pH	8
G344D	01/16/2008	10:53	0	Sulfate (mg/L)	0.7
G344D	01/16/2008	10:53	0	Temperature (°C)	16.2
G344D	01/16/2008	10:53	0	Total Phosphorus (mg/L)	0.07
G342A	01/23/2008	12:30	0	Conductivity (µS/cm)	689
G342A	01/23/2008	12:30	0	Dissolved Oxygen (mg/L)	9.15
G342A	01/23/2008	12:30	0	pH	7.6
G342A	01/23/2008	12:30	0	Temperature (°C)	20.7
G342A	01/23/2008	12:30	0	Total Phosphorus (mg/L)	0.079
G342B	01/23/2008	12:15	0	Conductivity (µS/cm)	681
G342B	01/23/2008	12:15	0	Dissolved Oxygen (mg/L)	9.13
G342B	01/23/2008	12:15	0	pH	7.7
G342B	01/23/2008	12:15	0	Temperature (°C)	21.9
G342B	01/23/2008	12:15	0	Total Phosphorus (mg/L)	0.062
G342C	01/23/2008	12:01	0	Conductivity (µS/cm)	694
G342C	01/23/2008	12:01	0	Dissolved Oxygen (mg/L)	7.93
G342C	01/23/2008	12:01	0	pH	7.5
G342C	01/23/2008	12:01	0	Temperature (°C)	20.4
G342C	01/23/2008	12:01	0	Total Phosphorus (mg/L)	0.069
G342D	01/23/2008	11:47	0	Conductivity (µS/cm)	611
G342D	01/23/2008	11:47	0	Dissolved Oxygen (mg/L)	8.33
G342D	01/23/2008	11:47	0	pH	7.2
G342D	01/23/2008	11:47	0	Temperature (°C)	22.1
G342D	01/23/2008	11:47	0	Total Phosphorus (mg/L)	0.102
G344A	01/23/2008	9:37	0	Conductivity (µS/cm)	710
G344A	01/23/2008	9:37	0	Dissolved Oxygen (mg/L)	4.95

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	01/23/2008	9:37	0	pH	6.4
G344A	01/23/2008	9:37	0	Temperature (°C)	20.3
G344A	01/23/2008	9:37	0	Total Phosphorus (mg/L)	0.086
G344B	01/23/2008	9:58	0	Conductivity (µS/cm)	703
G344B	01/23/2008	9:58	0	Dissolved Oxygen (mg/L)	5.23
G344B	01/23/2008	9:58	0	pH	6.9
G344B	01/23/2008	9:58	0	Temperature (°C)	19.8
G344B	01/23/2008	9:58	0	Total Phosphorus (mg/L)	0.125
G344C	01/23/2008	10:15	0	Conductivity (µS/cm)	613
G344C	01/23/2008	10:15	0	Dissolved Oxygen (mg/L)	6.69
G344C	01/23/2008	10:15	0	pH	7.2
G344C	01/23/2008	10:15	0	Temperature (°C)	19.8
G344C	01/23/2008	10:15	0	Total Phosphorus (mg/L)	0.105
G344D	01/23/2008	10:30	0	Conductivity (µS/cm)	621
G344D	01/23/2008	10:30	0	Dissolved Oxygen (mg/L)	7.18
G344D	01/23/2008	10:30	0	pH	7.2
G344D	01/23/2008	10:30	0	Temperature (°C)	19.8
G344D	01/23/2008	10:30	0	Total Phosphorus (mg/L)	0.074
G342A	01/30/2008	12:27	0	Conductivity (µS/cm)	676.8
G342A	01/30/2008	12:27	0	Dissolved Oxygen (mg/L)	8.55
G342A	01/30/2008	12:27	0	Nitrate + Nitrite (mg N/L)	0.028
G342A	01/30/2008	12:27	0	pH	8.3
G342A	01/30/2008	12:27	0	Sulfate (mg/L)	9.8
G342A	01/30/2008	12:27	0	Temperature (°C)	20.3
G342A	01/30/2008	12:27	0	Total Phosphorus (mg/L)	0.059
G342B	01/30/2008	12:09	0	Conductivity (µS/cm)	658.7
G342B	01/30/2008	12:09	0	Dissolved Oxygen (mg/L)	8.39
G342B	01/30/2008	12:09	0	Nitrate + Nitrite (mg N/L)	0.01
G342B	01/30/2008	12:09	0	pH	8.3
G342B	01/30/2008	12:09	0	Sulfate (mg/L)	12.2
G342B	01/30/2008	12:09	0	Temperature (°C)	20.1
G342B	01/30/2008	12:09	0	Total Phosphorus (mg/L)	0.063
G342C	01/30/2008	11:54	0	Conductivity (µS/cm)	687.5
G342C	01/30/2008	11:54	0	Dissolved Oxygen (mg/L)	7.42
G342C	01/30/2008	11:54	0	Nitrate + Nitrite (mg N/L)	0.007
G342C	01/30/2008	11:54	0	pH	7.9
G342C	01/30/2008	11:54	0	Sulfate (mg/L)	13
G342C	01/30/2008	11:54	0	Temperature (°C)	19.6
G342C	01/30/2008	11:54	0	Total Phosphorus (mg/L)	0.067
G342D	01/30/2008	11:39	0	Conductivity (µS/cm)	626.5
G342D	01/30/2008	11:39	0	Dissolved Oxygen (mg/L)	6.75
G342D	01/30/2008	11:39	0	Nitrate + Nitrite (mg N/L)	0.012
G342D	01/30/2008	11:39	0	pH	7.9
G342D	01/30/2008	11:39	0	Sulfate (mg/L)	12
G342D	01/30/2008	11:39	0	Temperature (°C)	20.4
G342D	01/30/2008	11:39	0	Total Phosphorus (mg/L)	0.095
G344A	01/30/2008	10:07	0	Conductivity (µS/cm)	763.7
G344A	01/30/2008	10:07	0	Dissolved Oxygen (mg/L)	3.94
G344A	01/30/2008	10:07	0	Nitrate + Nitrite (mg N/L)	0.082

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	01/30/2008	10:07	0	pH	7.7
G344A	01/30/2008	10:07	0	Sulfate (mg/L)	1.5
G344A	01/30/2008	10:07	0	Temperature (°C)	19.5
G344A	01/30/2008	10:07	0	Total Phosphorus (mg/L)	0.097
G344B	01/30/2008	10:26	0	Conductivity (µS/cm)	769.1
G344B	01/30/2008	10:26	0	Dissolved Oxygen (mg/L)	4.07
G344B	01/30/2008	10:26	0	Nitrate + Nitrite (mg N/L)	0.189
G344B	01/30/2008	10:26	0	pH	7.7
G344B	01/30/2008	10:26	0	Sulfate (mg/L)	1.8
G344B	01/30/2008	10:26	0	Temperature (°C)	18.4
G344B	01/30/2008	10:26	0	Total Phosphorus (mg/L)	0.13
G344C	01/30/2008	10:41	0	Conductivity (µS/cm)	643.8
G344C	01/30/2008	10:41	0	Dissolved Oxygen (mg/L)	7.75
G344C	01/30/2008	10:41	0	Nitrate + Nitrite (mg N/L)	0.051
G344C	01/30/2008	10:41	0	pH	8.4
G344C	01/30/2008	10:41	0	Sulfate (mg/L)	0.8
G344C	01/30/2008	10:41	0	Temperature (°C)	19.2
G344C	01/30/2008	10:41	0	Total Phosphorus (mg/L)	0.096
G344D	01/30/2008	10:58	0	Conductivity (µS/cm)	651.3
G344D	01/30/2008	10:58	0	Dissolved Oxygen (mg/L)	6.14
G344D	01/30/2008	10:58	0	Nitrate + Nitrite (mg N/L)	0.086
G344D	01/30/2008	10:58	0	pH	8
G344D	01/30/2008	10:58	0	Sulfate (mg/L)	0.8
G344D	01/30/2008	10:58	0	Temperature (°C)	18.6
G344D	01/30/2008	10:58	0	Total Phosphorus (mg/L)	0.086
G342A	02/06/2008	12:43	0	Conductivity (µS/cm)	685
G342A	02/06/2008	12:43	0	Dissolved Oxygen (mg/L)	2.67
G342A	02/06/2008	12:43	0	pH	7.5
G342A	02/06/2008	12:43	0	Temperature (°C)	23.5
G342A	02/06/2008	12:43	0	Total Phosphorus (mg/L)	0.096
G342B	02/06/2008	12:33	0	Conductivity (µS/cm)	656
G342B	02/06/2008	12:33	0	Dissolved Oxygen (mg/L)	7.6
G342B	02/06/2008	12:33	0	pH	7.9
G342B	02/06/2008	12:33	0	Temperature (°C)	23.8
G342B	02/06/2008	12:33	0	Total Phosphorus (mg/L)	0.096
G342C	02/06/2008	12:24	0	Conductivity (µS/cm)	677
G342C	02/06/2008	12:24	0	Dissolved Oxygen (mg/L)	7.18
G342C	02/06/2008	12:24	0	pH	7.9
G342C	02/06/2008	12:24	0	Temperature (°C)	24.1
G342C	02/06/2008	12:24	0	Total Phosphorus (mg/L)	0.12
G342D	02/06/2008	12:12	0	Conductivity (µS/cm)	635
G342D	02/06/2008	12:12	0	Dissolved Oxygen (mg/L)	5.41
G342D	02/06/2008	12:12	0	pH	7.6
G342D	02/06/2008	12:12	0	Temperature (°C)	23.7
G342D	02/06/2008	12:12	0	Total Phosphorus (mg/L)	0.181
G344A	02/06/2008	10:14	0	Conductivity (µS/cm)	841
G344A	02/06/2008	10:14	0	Dissolved Oxygen (mg/L)	1.03
G344A	02/06/2008	10:14	0	pH	7.5
G344A	02/06/2008	10:14	0	Temperature (°C)	22.7

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	02/06/2008	10:18	24	Total Phosphorus (mg/L)	0.936
G344A	02/06/2008	10:14	0	Total Phosphorus (mg/L)	0.511
G344B	02/06/2008	10:36	0	Conductivity (μ S/cm)	834
G344B	02/06/2008	10:36	0	Dissolved Oxygen (mg/L)	2.05
G344B	02/06/2008	10:36	0	pH	7.5
G344B	02/06/2008	10:36	0	Temperature ($^{\circ}$ C)	22.9
G344B	02/06/2008	10:36	0	Total Phosphorus (mg/L)	0.106
G344C	02/06/2008	10:51	0	Conductivity (μ S/cm)	672
G344C	02/06/2008	10:51	0	Dissolved Oxygen (mg/L)	4.67
G344C	02/06/2008	10:51	0	pH	7.9
G344C	02/06/2008	10:51	0	Temperature ($^{\circ}$ C)	22.9
G344C	02/06/2008	10:51	0	Total Phosphorus (mg/L)	0.119
G344D	02/06/2008	11:04	0	Conductivity (μ S/cm)	683
G344D	02/06/2008	11:04	0	Dissolved Oxygen (mg/L)	4.18
G344D	02/06/2008	11:04	0	pH	7.7
G344D	02/06/2008	11:04	0	Temperature ($^{\circ}$ C)	22.6
G344D	02/06/2008	11:04	0	Total Phosphorus (mg/L)	0.107
G342A	02/13/2008	12:16	0	Conductivity (μ S/cm)	669
G342A	02/13/2008	12:16	0	Dissolved Oxygen (mg/L)	7.06
G342A	02/13/2008	12:16	0	Nitrate + Nitrite (mg N/L)	0.943
G342A	02/13/2008	12:16	0	pH	7.6
G342A	02/13/2008	12:16	0	Sulfate (mg/L)	24.4
G342A	02/13/2008	12:16	0	Temperature ($^{\circ}$ C)	20.7
G342A	02/13/2008	12:16	0	Total Phosphorus (mg/L)	0.465
G342B	02/13/2008	12:03	0	Conductivity (μ S/cm)	688
G342B	02/13/2008	12:03	0	Dissolved Oxygen (mg/L)	7.83
G342B	02/13/2008	12:03	0	Nitrate + Nitrite (mg N/L)	0.051
G342B	02/13/2008	12:03	0	pH	8
G342B	02/13/2008	12:03	0	Sulfate (mg/L)	10.5
G342B	02/13/2008	12:03	0	Temperature ($^{\circ}$ C)	20.8
G342B	02/13/2008	12:03	0	Total Phosphorus (mg/L)	0.098
G342C	02/13/2008	11:47	0	Conductivity (μ S/cm)	591
G342C	02/13/2008	11:47	0	Dissolved Oxygen (mg/L)	7.79
G342C	02/13/2008	11:47	0	Nitrate + Nitrite (mg N/L)	0.033
G342C	02/13/2008	11:47	0	pH	8
G342C	02/13/2008	11:47	0	Sulfate (mg/L)	10.7
G342C	02/13/2008	11:47	0	Temperature ($^{\circ}$ C)	20.9
G342C	02/13/2008	11:47	0	Total Phosphorus (mg/L)	0.11
G342D	02/13/2008	11:27	0	Conductivity (μ S/cm)	488
G342D	02/13/2008	11:27	0	Dissolved Oxygen (mg/L)	8.08
G342D	02/13/2008	11:27	0	Nitrate + Nitrite (mg N/L)	0.037
G342D	02/13/2008	11:27	0	pH	7.9
G342D	02/13/2008	11:27	0	Sulfate (mg/L)	11.9
G342D	02/13/2008	11:27	0	Temperature ($^{\circ}$ C)	20.5
G342D	02/13/2008	11:27	0	Total Phosphorus (mg/L)	0.137
G344A	02/13/2008	9:38	0	Conductivity (μ S/cm)	702
G344A	02/13/2008	9:38	0	Dissolved Oxygen (mg/L)	4.81
G344A	02/13/2008	9:38	0	Nitrate + Nitrite (mg N/L)	0.063
G344A	02/13/2008	9:38	0	pH	7.4

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	02/13/2008	9:38	0	Sulfate (mg/L)	1.4
G344A	02/13/2008	9:38	0	Temperature (°C)	19.3
G344A	02/13/2008	9:38	0	Total Phosphorus (mg/L)	0.133
G344B	02/13/2008	10:00	0	Conductivity (µS/cm)	684
G344B	02/13/2008	10:00	0	Dissolved Oxygen (mg/L)	4.58
G344B	02/13/2008	10:00	0	Nitrate + Nitrite (mg N/L)	0.132
G344B	02/13/2008	10:00	0	pH	7.5
G344B	02/13/2008	10:00	0	Sulfate (mg/L)	2.6
G344B	02/13/2008	10:00	0	Temperature (°C)	19.6
G344B	02/13/2008	10:00	0	Total Phosphorus (mg/L)	0.131
G344C	02/13/2008	10:15	0	Conductivity (µS/cm)	610
G344C	02/13/2008	10:15	0	Dissolved Oxygen (mg/L)	5.52
G344C	02/13/2008	10:15	0	Nitrate + Nitrite (mg N/L)	0.134
G344C	02/13/2008	10:15	0	pH	7.7
G344C	02/13/2008	10:15	0	Sulfate (mg/L)	1.1
G344C	02/13/2008	10:15	0	Temperature (°C)	19.9
G344C	02/13/2008	10:15	0	Total Phosphorus (mg/L)	0.116
G344D	02/13/2008	10:37	0	Conductivity (µS/cm)	611
G344D	02/13/2008	10:37	0	Dissolved Oxygen (mg/L)	6.1
G344D	02/13/2008	10:37	0	Nitrate + Nitrite (mg N/L)	0.178
G344D	02/13/2008	10:37	0	pH	7.7
G344D	02/13/2008	10:37	0	Sulfate (mg/L)	1.1
G344D	02/13/2008	10:37	0	Temperature (°C)	19.8
G344D	02/13/2008	10:37	0	Total Phosphorus (mg/L)	0.123
G342A	02/20/2008	13:32	0	Conductivity (µS/cm)	712
G342A	02/20/2008	13:32	0	Dissolved Oxygen (mg/L)	7.61
G342A	02/20/2008	13:32	0	pH	7.6
G342A	02/20/2008	13:32	0	Temperature (°C)	22.7
G342A	02/20/2008	13:32	0	Total Phosphorus (mg/L)	0.147
G342B	02/20/2008	13:05	0	Conductivity (µS/cm)	631
G342B	02/20/2008	13:05	0	Dissolved Oxygen (mg/L)	7.59
G342B	02/20/2008	13:05	0	pH	7.8
G342B	02/20/2008	13:05	0	Temperature (°C)	22.2
G342B	02/20/2008	13:05	0	Total Phosphorus (mg/L)	0.113
G342C	02/20/2008	12:54	0	Conductivity (µS/cm)	621
G342C	02/20/2008	12:54	0	Dissolved Oxygen (mg/L)	7.94
G342C	02/20/2008	12:54	0	pH	7.8
G342C	02/20/2008	12:54	0	Temperature (°C)	22.9
G342C	02/20/2008	12:54	0	Total Phosphorus (mg/L)	0.106
G342D	02/20/2008	12:48	0	Conductivity (µS/cm)	630
G342D	02/20/2008	12:48	0	Dissolved Oxygen (mg/L)	7.63
G342D	02/20/2008	12:48	0	pH	7.6
G342D	02/20/2008	12:48	0	Temperature (°C)	22.4
G342D	02/20/2008	12:48	0	Total Phosphorus (mg/L)	0.067
G344A	02/20/2008	10:22	0	Conductivity (µS/cm)	863
G344A	02/20/2008	10:22	0	Dissolved Oxygen (mg/L)	4.63
G344A	02/20/2008	10:22	0	pH	7.6
G344A	02/20/2008	10:22	0	Temperature (°C)	20.6
G344A	02/20/2008	10:22	0	Total Phosphorus (mg/L)	0.036

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	02/20/2008	11:03	0	Conductivity (µS/cm)	794
G344B	02/20/2008	11:03	0	Dissolved Oxygen (mg/L)	6.78
G344B	02/20/2008	11:03	0	pH	7.8
G344B	02/20/2008	11:03	0	Temperature (°C)	18.6
G344B	02/20/2008	11:03	0	Total Phosphorus (mg/L)	0.124
G344C	02/20/2008	11:19	0	Conductivity (µS/cm)	594
G344C	02/20/2008	11:19	0	Dissolved Oxygen (mg/L)	6.78
G344C	02/20/2008	11:19	0	pH	8.1
G344C	02/20/2008	11:19	0	Temperature (°C)	20.1
G344C	02/20/2008	11:19	0	Total Phosphorus (mg/L)	0.102
G344D	02/20/2008	11:49	0	Conductivity (µS/cm)	593
G344D	02/20/2008	11:49	0	Dissolved Oxygen (mg/L)	7.56
G344D	02/20/2008	11:49	0	pH	7.9
G344D	02/20/2008	11:49	0	Temperature (°C)	19.6
G344D	02/20/2008	11:49	0	Total Phosphorus (mg/L)	0.122
G342A	02/27/2008	12:49	0	Conductivity (µS/cm)	723
G342A	02/27/2008	12:49	0	Dissolved Oxygen (mg/L)	7.18
G342A	02/27/2008	12:49	0	Nitrate + Nitrite (mg N/L)	0.025
G342A	02/27/2008	12:49	0	pH	7.8
G342A	02/27/2008	12:49	0	Sulfate (mg/L)	14.7
G342A	02/27/2008	12:49	0	Temperature (°C)	23.9
G342A	02/27/2008	12:49	0	Total Phosphorus (mg/L)	0.095
G342B	02/27/2008	12:24	0	Conductivity (µS/cm)	698
G342B	02/27/2008	12:24	0	Dissolved Oxygen (mg/L)	6.39
G342B	02/27/2008	12:24	0	Nitrate + Nitrite (mg N/L)	0.053
G342B	02/27/2008	12:24	0	pH	7.7
G342B	02/27/2008	12:24	0	Sulfate (mg/L)	13.4
G342B	02/27/2008	12:24	0	Temperature (°C)	23.7
G342B	02/27/2008	12:24	0	Total Phosphorus (mg/L)	0.102
G342C	02/27/2008	12:13	0	Conductivity (µS/cm)	717
G342C	02/27/2008	12:13	0	Dissolved Oxygen (mg/L)	6.23
G342C	02/27/2008	12:13	0	Nitrate + Nitrite (mg N/L)	0.066
G342C	02/27/2008	12:13	0	pH	7.7
G342C	02/27/2008	12:13	0	Sulfate (mg/L)	14.1
G342C	02/27/2008	12:13	0	Temperature (°C)	24
G342C	02/27/2008	12:13	0	Total Phosphorus (mg/L)	0.099
G342D	02/27/2008	12:00	0	Conductivity (µS/cm)	675
G342D	02/27/2008	12:00	0	Dissolved Oxygen (mg/L)	6.89
G342D	02/27/2008	12:00	0	Nitrate + Nitrite (mg N/L)	0.042
G342D	02/27/2008	12:00	0	pH	7.8
G342D	02/27/2008	12:00	0	Sulfate (mg/L)	9.4
G342D	02/27/2008	12:00	0	Temperature (°C)	22.8
G342D	02/27/2008	12:00	0	Total Phosphorus (mg/L)	0.082
G344A	02/27/2008	11:01	0	Conductivity (µS/cm)	822
G344A	02/27/2008	11:01	0	Dissolved Oxygen (mg/L)	7.33
G344A	02/27/2008	11:01	0	Nitrate + Nitrite (mg N/L)	0.127
G344A	02/27/2008	11:01	0	pH	7.9
G344A	02/27/2008	11:01	0	Sulfate (mg/L)	15.8
G344A	02/27/2008	11:01	0	Temperature (°C)	22.2

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344A	02/27/2008	11:01	0	Total Phosphorus (mg/L)	0.044
G344B	02/27/2008	10:49	0	Conductivity (μ S/cm)	792
G344B	02/27/2008	10:49	0	Dissolved Oxygen (mg/L)	7.57
G344B	02/27/2008	10:49	0	Nitrate + Nitrite (mg N/L)	0.073
G344B	02/27/2008	10:49	0	pH	8
G344B	02/27/2008	10:49	0	Sulfate (mg/L)	9.8
G344B	02/27/2008	10:49	0	Temperature ($^{\circ}$ C)	21.4
G344B	02/27/2008	10:49	0	Total Phosphorus (mg/L)	0.086
G344C	02/27/2008	10:31	0	Conductivity (μ S/cm)	608
G344C	02/27/2008	10:31	0	Dissolved Oxygen (mg/L)	6.85
G344C	02/27/2008	10:31	0	Nitrate + Nitrite (mg N/L)	0.039
G344C	02/27/2008	10:31	0	pH	8
G344C	02/27/2008	10:31	0	Sulfate (mg/L)	0.7
G344C	02/27/2008	10:31	0	Temperature ($^{\circ}$ C)	22.1
G344C	02/27/2008	10:34	24	Total Phosphorus (mg/L)	0.136
G344C	02/27/2008	10:31	0	Total Phosphorus (mg/L)	0.176
G344D	02/27/2008	10:14	0	Conductivity (μ S/cm)	583
G344D	02/27/2008	10:14	0	Dissolved Oxygen (mg/L)	6.99
G344D	02/27/2008	10:14	0	Nitrate + Nitrite (mg N/L)	0.056
G344D	02/27/2008	10:14	0	pH	7.9
G344D	02/27/2008	10:14	0	Sulfate (mg/L)	0.8
G344D	02/27/2008	10:14	0	Temperature ($^{\circ}$ C)	21.5
G344D	02/27/2008	10:14	0	Total Phosphorus (mg/L)	0.127
G342A	03/05/2008	14:15	0	Conductivity (μ S/cm)	686
G342A	03/05/2008	14:15	0	Dissolved Oxygen (mg/L)	5.9
G342A	03/05/2008	14:15	0	pH	7.9
G342A	03/05/2008	14:15	0	Temperature ($^{\circ}$ C)	23.9
G342A	03/05/2008	14:15	0	Total Phosphorus (mg/L)	0.064
G342B	03/05/2008	13:57	0	Conductivity (μ S/cm)	683
G342B	03/05/2008	13:57	0	Dissolved Oxygen (mg/L)	4.78
G342B	03/05/2008	13:57	0	pH	7.8
G342B	03/05/2008	13:57	0	Temperature ($^{\circ}$ C)	23.8
G342B	03/05/2008	13:57	0	Total Phosphorus (mg/L)	0.085
G342C	03/05/2008	13:42	0	Conductivity (μ S/cm)	689
G342C	03/05/2008	13:42	0	Dissolved Oxygen (mg/L)	6.52
G342C	03/05/2008	13:42	0	pH	7.9
G342C	03/05/2008	13:42	0	Temperature ($^{\circ}$ C)	25.2
G342C	03/05/2008	13:42	0	Total Phosphorus (mg/L)	0.087
G342D	03/05/2008	13:19	0	Conductivity (μ S/cm)	659
G342D	03/05/2008	13:19	0	Dissolved Oxygen (mg/L)	6.69
G342D	03/05/2008	13:19	0	pH	7.9
G342D	03/05/2008	13:19	0	Temperature ($^{\circ}$ C)	24.8
G342D	03/05/2008	13:19	0	Total Phosphorus (mg/L)	0.063
G344A	03/05/2008	10:10	0	Conductivity (μ S/cm)	859
G344A	03/05/2008	10:10	0	Dissolved Oxygen (mg/L)	4.64
G344A	03/05/2008	10:10	0	pH	7.6
G344A	03/05/2008	10:10	0	Temperature ($^{\circ}$ C)	23.2
G344A	03/05/2008	10:10	0	Total Phosphorus (mg/L)	0.07
G344B	03/05/2008	10:42	0	Conductivity (μ S/cm)	852

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	03/05/2008	10:42	0	Dissolved Oxygen (mg/L)	4.23
G344B	03/05/2008	10:42	0	pH	7.8
G344B	03/05/2008	10:42	0	Temperature (°C)	23.2
G344B	03/05/2008	10:42	0	Total Phosphorus (mg/L)	0.103
G344C	03/05/2008	11:45	0	Conductivity (µS/cm)	689
G344C	03/05/2008	11:45	0	Dissolved Oxygen (mg/L)	3.06
G344C	03/05/2008	11:45	0	pH	7.8
G344C	03/05/2008	11:45	0	Temperature (°C)	24.3
G344C	03/05/2008	11:45	0	Total Phosphorus (mg/L)	0.246
G344D	03/05/2008	12:19	0	Conductivity (µS/cm)	667
G344D	03/05/2008	12:19	0	Dissolved Oxygen (mg/L)	6.59
G344D	03/05/2008	12:19	0	pH	8.1
G344D	03/05/2008	12:19	0	Temperature (°C)	23.9
G344D	03/05/2008	12:19	0	Total Phosphorus (mg/L)	0.173
G342A	03/12/2008	13:03	0	Conductivity (µS/cm)	748
G342A	03/12/2008	13:03	0	Dissolved Oxygen (mg/L)	7.11
G342A	03/12/2008	13:03	0	Nitrate + Nitrite (mg N/L)	0.099
G342A	03/12/2008	13:03	0	pH	7.3
G342A	03/12/2008	13:03	0	Sulfate (mg/L)	25
G342A	03/12/2008	13:03	0	Temperature (°C)	24
G342A	03/12/2008	13:03	0	Total Phosphorus (mg/L)	0.219
G342B	03/12/2008	12:49	0	Conductivity (µS/cm)	663
G342B	03/12/2008	12:49	0	Dissolved Oxygen (mg/L)	7.54
G342B	03/12/2008	12:49	0	Nitrate + Nitrite (mg N/L)	0.05
G342B	03/12/2008	12:49	0	pH	7.4
G342B	03/12/2008	12:49	0	Sulfate (mg/L)	17.3
G342B	03/12/2008	12:49	0	Temperature (°C)	23.4
G342B	03/12/2008	12:49	0	Total Phosphorus (mg/L)	0.127
G342C	03/12/2008	12:27	0	Conductivity (µS/cm)	656
G342C	03/12/2008	12:27	0	Dissolved Oxygen (mg/L)	7.93
G342C	03/12/2008	12:27	0	Nitrate + Nitrite (mg N/L)	0.04
G342C	03/12/2008	12:27	0	pH	7.4
G342C	03/12/2008	12:27	0	Sulfate (mg/L)	16.7
G342C	03/12/2008	12:27	0	Temperature (°C)	23.5
G342C	03/12/2008	12:27	0	Total Phosphorus (mg/L)	0.117
G342D	03/12/2008	12:11	0	Conductivity (µS/cm)	625
G342D	03/12/2008	12:11	0	Dissolved Oxygen (mg/L)	7.94
G342D	03/12/2008	12:11	0	Nitrate + Nitrite (mg N/L)	0.03
G342D	03/12/2008	12:11	0	pH	7.5
G342D	03/12/2008	12:11	0	Sulfate (mg/L)	11.8
G342D	03/12/2008	12:11	0	Temperature (°C)	23.5
G342D	03/12/2008	12:11	0	Total Phosphorus (mg/L)	0.078
G344A	03/12/2008	10:16	0	Conductivity (µS/cm)	745
G344A	03/12/2008	10:16	0	Dissolved Oxygen (mg/L)	5.05
G344A	03/12/2008	10:16	0	Nitrate + Nitrite (mg N/L)	0.106
G344A	03/12/2008	10:16	0	pH	7.4
G344A	03/12/2008	10:16	0	Sulfate (mg/L)	8.1
G344A	03/12/2008	10:16	0	Temperature (°C)	21.9
G344A	03/12/2008	10:16	0	Total Phosphorus (mg/L)	0.073

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	03/12/2008	10:36	0	Conductivity (µS/cm)	738
G344B	03/12/2008	10:36	0	Dissolved Oxygen (mg/L)	5.48
G344B	03/12/2008	10:36	0	Nitrate + Nitrite (mg N/L)	0.132
G344B	03/12/2008	10:36	0	pH	7.4
G344B	03/12/2008	10:36	0	Sulfate (mg/L)	6.2
G344B	03/12/2008	10:36	0	Temperature (°C)	21.9
G344B	03/12/2008	10:36	0	Total Phosphorus (mg/L)	0.088
G344C	03/12/2008	11:07	0	Conductivity (µS/cm)	521
G344C	03/12/2008	11:07	0	Dissolved Oxygen (mg/L)	7.61
G344C	03/12/2008	11:07	0	Nitrate + Nitrite (mg N/L)	0.093
G344C	03/12/2008	11:07	0	pH	7.5
G344C	03/12/2008	11:07	0	Sulfate (mg/L)	1
G344C	03/12/2008	11:07	0	Temperature (°C)	23
G344C	03/12/2008	11:07	0	Total Phosphorus (mg/L)	0.209
G344D	03/12/2008	11:24	0	Conductivity (µS/cm)	517
G344D	03/12/2008	11:24	0	Dissolved Oxygen (mg/L)	6.66
G344D	03/12/2008	11:24	0	Nitrate + Nitrite (mg N/L)	0.048
G344D	03/12/2008	11:24	0	pH	7.6
G344D	03/12/2008	11:24	0	Sulfate (mg/L)	1
G344D	03/12/2008	11:24	0	Temperature (°C)	22.7
G344D	03/12/2008	11:24	0	Total Phosphorus (mg/L)	0.197
G342A	03/20/2008	12:12	0	Conductivity (µS/cm)	684
G342A	03/20/2008	12:12	0	Dissolved Oxygen (mg/L)	7.23
G342A	03/20/2008	12:12	0	pH	7.6
G342A	03/20/2008	12:12	0	Temperature (°C)	24.6
G342A	03/20/2008	12:12	0	Total Phosphorus (mg/L)	0.063
G342B	03/20/2008	12:02	0	Conductivity (µS/cm)	671
G342B	03/20/2008	12:02	0	Dissolved Oxygen (mg/L)	6.73
G342B	03/20/2008	12:02	0	pH	7.5
G342B	03/20/2008	12:02	0	Temperature (°C)	24.3
G342B	03/20/2008	12:02	0	Total Phosphorus (mg/L)	0.095
G342C	03/20/2008	11:48	0	Conductivity (µS/cm)	665
G342C	03/20/2008	11:48	0	Dissolved Oxygen (mg/L)	6.14
G342C	03/20/2008	11:48	0	pH	7.4
G342C	03/20/2008	11:48	0	Temperature (°C)	24.1
G342C	03/20/2008	11:48	0	Total Phosphorus (mg/L)	0.103
G342D	03/20/2008	11:34	0	Conductivity (µS/cm)	604
G342D	03/20/2008	11:34	0	Dissolved Oxygen (mg/L)	8.25
G342D	03/20/2008	11:34	0	pH	7.5
G342D	03/20/2008	11:34	0	Temperature (°C)	25
G342D	03/20/2008	11:34	0	Total Phosphorus (mg/L)	0.059
G344A	03/20/2008	10:05	0	Conductivity (µS/cm)	783
G344A	03/20/2008	10:05	0	Dissolved Oxygen (mg/L)	4.51
G344A	03/20/2008	10:05	0	pH	7.1
G344A	03/20/2008	10:05	0	Temperature (°C)	22.8
G344A	03/20/2008	10:05	0	Total Phosphorus (mg/L)	0.102
G344B	03/20/2008	10:23	0	Conductivity (µS/cm)	783
G344B	03/20/2008	10:23	0	Dissolved Oxygen (mg/L)	5.56
G344B	03/20/2008	10:23	0	pH	7.3

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	03/20/2008	10:23	0	Temperature (°C)	23.1
G344B	03/20/2008	10:23	0	Total Phosphorus (mg/L)	0.094
G344C	03/20/2008	10:39	0	Conductivity (µS/cm)	663
G344C	03/20/2008	10:39	0	Dissolved Oxygen (mg/L)	6.11
G344C	03/20/2008	10:39	0	pH	7.2
G344C	03/20/2008	10:39	0	Temperature (°C)	22.7
G344C	03/20/2008	10:39	0	Total Phosphorus (mg/L)	0.171
G344D	03/20/2008	10:56	0	Conductivity (µS/cm)	652
G344D	03/20/2008	10:56	0	Dissolved Oxygen (mg/L)	6.34
G344D	03/20/2008	10:56	0	pH	7.4
G344D	03/20/2008	10:56	0	Temperature (°C)	23.2
G344D	03/20/2008	10:56	0	Total Phosphorus (mg/L)	0.145
G342A	03/27/2008	12:12	0	Conductivity (µS/cm)	691
G342A	03/27/2008	12:12	0	Dissolved Oxygen (mg/L)	6.83
G342A	03/27/2008	12:12	0	Nitrate + Nitrite (mg N/L)	0.098
G342A	03/27/2008	12:12	0	pH	7.5
G342A	03/27/2008	12:12	0	Sulfate (mg/L)	14.9
G342A	03/27/2008	12:12	0	Temperature (°C)	20.7
G342A	03/27/2008	12:12	0	Total Phosphorus (mg/L)	0.061
G342B	03/27/2008	11:49	0	Conductivity (µS/cm)	686
G342B	03/27/2008	11:49	0	Dissolved Oxygen (mg/L)	6.46
G342B	03/27/2008	11:49	0	Nitrate + Nitrite (mg N/L)	0.088
G342B	03/27/2008	11:49	0	pH	7.5
G342B	03/27/2008	11:49	0	Sulfate (mg/L)	14.4
G342B	03/27/2008	11:49	0	Temperature (°C)	20.4
G342B	03/27/2008	11:49	0	Total Phosphorus (mg/L)	0.08
G342C	03/27/2008	11:31	0	Conductivity (µS/cm)	686
G342C	03/27/2008	11:31	0	Dissolved Oxygen (mg/L)	6.7
G342C	03/27/2008	11:31	0	Nitrate + Nitrite (mg N/L)	0.093
G342C	03/27/2008	11:31	0	pH	7.5
G342C	03/27/2008	11:31	0	Sulfate (mg/L)	14.5
G342C	03/27/2008	11:31	0	Temperature (°C)	20.8
G342C	03/27/2008	11:31	0	Total Phosphorus (mg/L)	0.074
G342D	03/27/2008	11:15	0	Conductivity (µS/cm)	685
G342D	03/27/2008	11:15	0	Dissolved Oxygen (mg/L)	6.25
G342D	03/27/2008	11:15	0	Nitrate + Nitrite (mg N/L)	0.076
G342D	03/27/2008	11:15	0	pH	7.4
G342D	03/27/2008	11:15	0	Sulfate (mg/L)	14.4
G342D	03/27/2008	11:15	0	Temperature (°C)	20.7
G342D	03/27/2008	11:15	0	Total Phosphorus (mg/L)	0.089
G344A	03/27/2008	9:47	0	Conductivity (µS/cm)	729
G344A	03/27/2008	9:47	0	Dissolved Oxygen (mg/L)	6.62
G344A	03/27/2008	9:47	0	Nitrate + Nitrite (mg N/L)	0.13
G344A	03/27/2008	9:47	0	pH	7.8
G344A	03/27/2008	9:47	0	Sulfate (mg/L)	5.6
G344A	03/27/2008	9:47	0	Temperature (°C)	18.9
G344A	03/27/2008	9:47	0	Total Phosphorus (mg/L)	0.071
G344B	03/27/2008	10:05	0	Conductivity (µS/cm)	720
G344B	03/27/2008	10:05	0	Dissolved Oxygen (mg/L)	7.64

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	03/27/2008	10:05	0	Nitrate + Nitrite (mg N/L)	0.125
G344B	03/27/2008	10:05	0	pH	8.1
G344B	03/27/2008	10:05	0	Sulfate (mg/L)	3.3
G344B	03/27/2008	10:05	0	Temperature (°C)	18.4
G344B	03/27/2008	10:05	0	Total Phosphorus (mg/L)	0.101
G344C	03/27/2008	10:22	0	Conductivity (µS/cm)	596
G344C	03/27/2008	10:22	0	Dissolved Oxygen (mg/L)	7.71
G344C	03/27/2008	10:22	0	Nitrate + Nitrite (mg N/L)	0.077
G344C	03/27/2008	10:22	0	pH	8
G344C	03/27/2008	10:22	0	Sulfate (mg/L)	0.6
G344C	03/27/2008	10:22	0	Temperature (°C)	18.9
G344C	03/27/2008	10:22	0	Total Phosphorus (mg/L)	0.097
G344D	03/27/2008	10:35	0	Conductivity (µS/cm)	586
G344D	03/27/2008	10:35	0	Dissolved Oxygen (mg/L)	10.4
G344D	03/27/2008	10:35	0	pH	8.5
G344D	03/27/2008	10:35	0	Sulfate (mg/L)	0.4
G344D	03/27/2008	10:35	0	Temperature (°C)	19.4
G344D	03/27/2008	10:35	0	Total Phosphorus (mg/L)	0.055
G342A	04/03/2008	12:30	0	Conductivity (µS/cm)	744
G342A	04/03/2008	12:30	0	Dissolved Oxygen (mg/L)	7.81
G342A	04/03/2008	12:30	0	pH	7.2
G342A	04/03/2008	12:30	0	Temperature (°C)	26
G342A	04/03/2008	12:30	0	Total Phosphorus (mg/L)	0.093
G342B	04/03/2008	12:08	0	Conductivity (µS/cm)	682
G342B	04/03/2008	12:08	0	Dissolved Oxygen (mg/L)	7.57
G342B	04/03/2008	12:08	0	pH	7.1
G342B	04/03/2008	12:08	0	Temperature (°C)	25.1
G342B	04/03/2008	12:08	0	Total Phosphorus (mg/L)	0.058
G342C	04/03/2008	11:56	0	Conductivity (µS/cm)	677
G342C	04/03/2008	11:56	0	Dissolved Oxygen (mg/L)	7.3
G342C	04/03/2008	11:56	0	pH	7.1
G342C	04/03/2008	11:56	0	Temperature (°C)	25.4
G342C	04/03/2008	11:56	0	Total Phosphorus (mg/L)	0.056
G342D	04/03/2008	11:41	0	Conductivity (µS/cm)	607
G342D	04/03/2008	11:41	0	Dissolved Oxygen (mg/L)	6.89
G342D	04/03/2008	11:41	0	pH	7.1
G342D	04/03/2008	11:41	0	Temperature (°C)	25.6
G342D	04/03/2008	11:41	0	Total Phosphorus (mg/L)	0.052
G344A	04/03/2008	10:04	0	Conductivity (µS/cm)	752
G344A	04/03/2008	10:04	0	Dissolved Oxygen (mg/L)	4.4
G344A	04/03/2008	10:04	0	pH	7.4
G344A	04/03/2008	10:04	0	Temperature (°C)	25.1
G344A	04/03/2008	10:04	0	Total Phosphorus (mg/L)	0.091
G344B	04/03/2008	10:26	0	Conductivity (µS/cm)	745
G344B	04/03/2008	10:26	0	Dissolved Oxygen (mg/L)	5.1
G344B	04/03/2008	10:26	0	pH	7.3
G344B	04/03/2008	10:26	0	Temperature (°C)	25
G344B	04/03/2008	10:26	0	Total Phosphorus (mg/L)	0.096
G344C	04/03/2008	10:45	0	Conductivity (µS/cm)	637

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	04/03/2008	10:45	0	Dissolved Oxygen (mg/L)	6.19
G344C	04/03/2008	10:45	0	pH	7.2
G344C	04/03/2008	10:45	0	Temperature (°C)	25.3
G344C	04/03/2008	10:45	0	Total Phosphorus (mg/L)	0.178
G344D	04/03/2008	10:59	0	Conductivity (µS/cm)	622
G344D	04/03/2008	10:59	0	Dissolved Oxygen (mg/L)	5.23
G344D	04/03/2008	10:59	0	pH	7.1
G344D	04/03/2008	10:59	0	Temperature (°C)	24.7
G344D	04/03/2008	10:59	0	Total Phosphorus (mg/L)	0.109
G342A	04/09/2008	12:23	0	Conductivity (µS/cm)	562
G342A	04/09/2008	12:23	0	Dissolved Oxygen (mg/L)	5.01
G342A	04/09/2008	12:23	0	Nitrate + Nitrite (mg N/L)	0.193
G342A	04/09/2008	12:23	0	pH	7.1
G342A	04/09/2008	12:23	0	Sulfate (mg/L)	19.9
G342A	04/09/2008	12:23	0	Temperature (°C)	25.1
G342A	04/09/2008	12:23	0	Total Phosphorus (mg/L)	0.147
G342B	04/09/2008	11:55	0	Conductivity (µS/cm)	665
G342B	04/09/2008	11:55	0	Dissolved Oxygen (mg/L)	5.2
G342B	04/09/2008	11:55	0	Nitrate + Nitrite (mg N/L)	0.227
G342B	04/09/2008	11:55	0	pH	7.1
G342B	04/09/2008	11:55	0	Sulfate (mg/L)	14.1
G342B	04/09/2008	11:55	0	Temperature (°C)	25.1
G342B	04/09/2008	11:55	0	Total Phosphorus (mg/L)	0.176
G342C	04/09/2008	11:39	0	Conductivity (µS/cm)	661
G342C	04/09/2008	11:39	0	Dissolved Oxygen (mg/L)	5.64
G342C	04/09/2008	11:39	0	Nitrate + Nitrite (mg N/L)	0.187
G342C	04/09/2008	11:39	0	pH	7.2
G342C	04/09/2008	11:39	0	Sulfate (mg/L)	20.2
G342C	04/09/2008	11:39	0	Temperature (°C)	25.6
G342C	04/09/2008	11:39	0	Total Phosphorus (mg/L)	0.172
G342D	04/09/2008	11:22	0	Conductivity (µS/cm)	664
G342D	04/09/2008	11:22	0	Dissolved Oxygen (mg/L)	5.14
G342D	04/09/2008	11:22	0	Nitrate + Nitrite (mg N/L)	0.255
G342D	04/09/2008	11:22	0	pH	7.2
G342D	04/09/2008	11:22	0	Sulfate (mg/L)	22.2
G342D	04/09/2008	11:22	0	Temperature (°C)	25.3
G342D	04/09/2008	11:22	0	Total Phosphorus (mg/L)	0.172
G344A	04/09/2008	9:52	0	Conductivity (µS/cm)	596
G344A	04/09/2008	9:52	0	Dissolved Oxygen (mg/L)	4.99
G344A	04/09/2008	9:52	0	Nitrate + Nitrite (mg N/L)	0.034
G344A	04/09/2008	9:52	0	pH	7.5
G344A	04/09/2008	9:52	0	Sulfate (mg/L)	2.8
G344A	04/09/2008	9:52	0	Temperature (°C)	24.2
G344A	04/09/2008	9:52	0	Total Phosphorus (mg/L)	0.091
G344B	04/09/2008	10:13	0	Conductivity (µS/cm)	588
G344B	04/09/2008	10:13	0	Dissolved Oxygen (mg/L)	5.42
G344B	04/09/2008	10:13	0	Nitrate + Nitrite (mg N/L)	0.007
G344B	04/09/2008	10:13	0	pH	7.5
G344B	04/09/2008	10:13	0	Sulfate (mg/L)	2.5

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	04/09/2008	10:13	0	Temperature (°C)	24.1
G344B	04/09/2008	10:13	0	Total Phosphorus (mg/L)	0.117
G344C	04/09/2008	10:31	0	Conductivity (µS/cm)	400
G344C	04/09/2008	10:31	0	Dissolved Oxygen (mg/L)	6.41
G344C	04/09/2008	10:31	0	Nitrate + Nitrite (mg N/L)	0.009
G344C	04/09/2008	10:31	0	pH	7.5
G344C	04/09/2008	10:31	0	Sulfate (mg/L)	0.6
G344C	04/09/2008	10:31	0	Temperature (°C)	24.4
G344C	04/09/2008	10:31	0	Total Phosphorus (mg/L)	0.101
G344D	04/09/2008	10:47	0	Conductivity (µS/cm)	484
G344D	04/09/2008	10:47	0	Dissolved Oxygen (mg/L)	6.5
G344D	04/09/2008	10:47	0	Nitrate + Nitrite (mg N/L)	0.008
G344D	04/09/2008	10:47	0	pH	7.6
G344D	04/09/2008	10:47	0	Sulfate (mg/L)	0.5
G344D	04/09/2008	10:47	0	Temperature (°C)	24.3
G344D	04/09/2008	10:47	0	Total Phosphorus (mg/L)	0.073
G342A	04/17/2008	13:50	0	Conductivity (µS/cm)	705
G342A	04/17/2008	13:50	0	Dissolved Oxygen (mg/L)	5.94
G342A	04/17/2008	13:50	0	pH	7.6
G342A	04/17/2008	13:50	0	Temperature (°C)	21.9
G342A	04/17/2008	13:50	0	Total Phosphorus (mg/L)	0.049
G342B	04/17/2008	13:32	0	Conductivity (µS/cm)	690
G342B	04/17/2008	13:32	0	Dissolved Oxygen (mg/L)	6.55
G342B	04/17/2008	13:32	0	pH	7.7
G342B	04/17/2008	13:32	0	Temperature (°C)	21.7
G342B	04/17/2008	13:32	0	Total Phosphorus (mg/L)	0.055
G342C	04/17/2008	13:17	0	Conductivity (µS/cm)	684
G342C	04/17/2008	13:17	0	Dissolved Oxygen (mg/L)	6.43
G342C	04/17/2008	13:17	0	pH	7.7
G342C	04/17/2008	13:17	0	Temperature (°C)	22.2
G342C	04/17/2008	13:17	0	Total Phosphorus (mg/L)	0.051
G342D	04/17/2008	13:03	0	Conductivity (µS/cm)	604
G342D	04/17/2008	13:03	0	Dissolved Oxygen (mg/L)	7.62
G342D	04/17/2008	13:03	0	pH	7.9
G342D	04/17/2008	13:03	0	Temperature (°C)	23
G342D	04/17/2008	13:03	0	Total Phosphorus (mg/L)	0.044
G344A	04/17/2008	10:20	0	Conductivity (µS/cm)	617
G344A	04/17/2008	10:20	0	Dissolved Oxygen (mg/L)	8.49
G344A	04/17/2008	10:20	0	pH	8.1
G344A	04/17/2008	10:20	0	Temperature (°C)	19.4
G344A	04/17/2008	10:20	0	Total Phosphorus (mg/L)	0.083
G344B	04/17/2008	10:51	0	Conductivity (µS/cm)	652
G344B	04/17/2008	10:51	0	Dissolved Oxygen (mg/L)	7.9
G344B	04/17/2008	10:51	0	pH	8.2
G344B	04/17/2008	10:51	0	Temperature (°C)	17.6
G344B	04/17/2008	10:51	0	Total Phosphorus (mg/L)	0.104
G344C	04/17/2008	11:18	0	Conductivity (µS/cm)	575
G344C	04/17/2008	11:18	0	Dissolved Oxygen (mg/L)	8.02
G344C	04/17/2008	11:18	0	pH	8

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344C	04/17/2008	11:18	0	Temperature (°C)	17.2
G344C	04/17/2008	11:29	24	Total Phosphorus (mg/L)	0.105
G344C	04/17/2008	11:18	0	Total Phosphorus (mg/L)	0.097
G344D	04/17/2008	11:53	0	Conductivity (µS/cm)	574
G344D	04/17/2008	11:53	0	Dissolved Oxygen (mg/L)	6.32
G344D	04/17/2008	11:53	0	pH	7.9
G344D	04/17/2008	11:53	0	Temperature (°C)	18
G344D	04/17/2008	12:01	24	Total Phosphorus (mg/L)	0.084
G344D	04/17/2008	11:53	0	Total Phosphorus (mg/L)	0.062
G342A	04/23/2008	13:31	0	Conductivity (µS/cm)	684
G342A	04/23/2008	13:31	0	Dissolved Oxygen (mg/L)	5.56
G342A	04/23/2008	13:31	0	Nitrate + Nitrite (mg N/L)	0.008
G342A	04/23/2008	13:31	0	pH	7.2
G342A	04/23/2008	13:31	0	Sulfate (mg/L)	13.9
G342A	04/23/2008	13:31	0	Temperature (°C)	25.4
G342A	04/23/2008	13:31	0	Total Phosphorus (mg/L)	0.047
G342B	04/23/2008	13:14	0	Conductivity (µS/cm)	639
G342B	04/23/2008	13:14	0	Dissolved Oxygen (mg/L)	6.03
G342B	04/23/2008	13:14	0	Nitrate + Nitrite (mg N/L)	0.008
G342B	04/23/2008	13:14	0	pH	7.2
G342B	04/23/2008	13:14	0	Sulfate (mg/L)	12.9
G342B	04/23/2008	13:14	0	Temperature (°C)	25.4
G342B	04/23/2008	13:14	0	Total Phosphorus (mg/L)	0.051
G342C	04/23/2008	12:57	0	Conductivity (µS/cm)	640
G342C	04/23/2008	12:57	0	Dissolved Oxygen (mg/L)	5.9
G342C	04/23/2008	12:57	0	Nitrate + Nitrite (mg N/L)	<0.005
G342C	04/23/2008	12:57	0	pH	7.2
G342C	04/23/2008	12:57	0	Sulfate (mg/L)	13.3
G342C	04/23/2008	12:57	0	Temperature (°C)	26
G342C	04/23/2008	12:57	0	Total Phosphorus (mg/L)	0.049
G342D	04/23/2008	12:31	0	Conductivity (µS/cm)	579
G342D	04/23/2008	12:31	0	Dissolved Oxygen (mg/L)	8.07
G342D	04/23/2008	12:31	0	Nitrate + Nitrite (mg N/L)	0.006
G342D	04/23/2008	12:31	0	pH	7.3
G342D	04/23/2008	12:31	0	Sulfate (mg/L)	14.2
G342D	04/23/2008	12:31	0	Temperature (°C)	26.9
G342D	04/23/2008	12:31	0	Total Phosphorus (mg/L)	0.066
G344A	04/23/2008	10:37	0	Conductivity (µS/cm)	744
G344A	04/23/2008	10:37	0	Dissolved Oxygen (mg/L)	6.51
G344A	04/23/2008	10:37	0	Nitrate + Nitrite (mg N/L)	0.03
G344A	04/23/2008	10:37	0	pH	7
G344A	04/23/2008	10:37	0	Sulfate (mg/L)	11.1
G344A	04/23/2008	10:37	0	Temperature (°C)	23
G344A	04/23/2008	10:37	0	Total Phosphorus (mg/L)	0.047
G344B	04/23/2008	11:02	0	Conductivity (µS/cm)	677
G344B	04/23/2008	11:02	0	Dissolved Oxygen (mg/L)	6.23
G344B	04/23/2008	11:02	0	Nitrate + Nitrite (mg N/L)	0.008
G344B	04/23/2008	11:02	0	pH	7.6
G344B	04/23/2008	11:02	0	Sulfate (mg/L)	3.5

Table 5B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G344B	04/23/2008	11:02	0	Temperature (°C)	23.9
G344B	04/23/2008	11:02	0	Total Phosphorus (mg/L)	0.105
G344C	04/23/2008	11:30	0	Conductivity (µS/cm)	569
G344C	04/23/2008	11:30	0	Dissolved Oxygen (mg/L)	6.37
G344C	04/23/2008	11:30	0	Nitrate + Nitrite (mg N/L)	0.007
G344C	04/23/2008	11:30	0	pH	7.4
G344C	04/23/2008	11:30	0	Sulfate (mg/L)	0.9
G344C	04/23/2008	11:30	0	Temperature (°C)	23.9
G344C	04/23/2008	11:19	24	Total Phosphorus (mg/L)	0.094
G344C	04/23/2008	11:30	0	Total Phosphorus (mg/L)	0.109
G344D	04/23/2008	11:50	0	Conductivity (µS/cm)	539
G344D	04/23/2008	11:50	0	Dissolved Oxygen (mg/L)	6.21
G344D	04/23/2008	11:50	0	Nitrate + Nitrite (mg N/L)	0.005
G344D	04/23/2008	11:50	0	pH	7.6
G344D	04/23/2008	11:50	0	Sulfate (mg/L)	0.4
G344D	04/23/2008	11:50	0	Temperature (°C)	23.9
G344D	04/23/2008	11:50	0	Total Phosphorus (mg/L)	0.056

Table 6A. Summary of annual arithmetic averages and flow-weighted mean concentrations for all parameters other than TP monitored in STA-6.

Parameter	Arithmetic Means			Flow-Weighted Means			
	Inflow	Outflow		Total Inflow		Total Outflow	
	G353B ¹	G354C	G393B	n	Conc.	n	Conc.
Temperature (°C)	23.7	24.9	23.2	-NA-	-NA-	-NA-	-NA-
Dissolved Oxygen (mg/L)	6.6	3.3	1.5	-NA-	-NA-	-NA-	-NA-
Conductivity (µS/cm)	559	591	643	-NA-	-NA-	-NA-	-NA-
pH	7.9	7.4	7.2	-NA-	-NA-	-NA-	-NA-
Turbidity (NTU)	3.2	1.8	3.1	-NA-	-NA-	-NA-	-NA-
Sulfate (mg/L)	14.2	13.7	25.5	33 (204)	10.1	3 (27)	7.0
Total Nitrogen (mg/L)	1.40	1.72	1.74	11 (56)	1.33	5 (27)	1.68
Alkalinity (mg CaCO₃/L)	195	191	200	33 (204)	196	5 (33)	197
Nitrate + Nitrite (mg N/L)	0.039	0.041	0.026	33 (168)	0.030	5 (27)	0.007

-NA- : Not Applicable

n: number of samples with flow (total number of samples)

¹ G353B inflow station sampling started July 2007 (flow was calculated as a total from G601, G602 and G603)

Parameters exhibiting excursions are bolded and italicized. Pursuant to EFA Permit Number 262918309, an excursion occurs when outflow flow-weighted mean concentrations exceed inflow flow-weighted mean concentrations.

Table 6B. Water quality monitoring data for STA-6.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G353B	07/17/2007	12:45	0	Total Phosphorus (mg/L)	0.047
G353B	07/24/2007	12:05	0	Total Phosphorus (mg/L)	0.081
G354C	07/24/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	197
G354C	07/24/2007	11:00	0	Conductivity (µS/cm)	673
G354C	07/24/2007	11:00	0	Dissolved Oxygen (mg/L)	1.66
G354C	07/24/2007	11:00	0	Nitrate + Nitrite (mg N/L)	0.037
G354C	07/24/2007	11:00	0	pH	7.4
G354C	07/24/2007	11:00	0	Temperature (°C)	29.5
G354C	07/24/2007	11:00	0	Total Phosphorus (mg/L)	0.029
G354C	07/24/2007	11:00	0	Turbidity (NTU)	2
G393B	07/24/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	231
G393B	07/24/2007	11:25	0	Conductivity (µS/cm)	851
G393B	07/24/2007	11:25	0	Dissolved Oxygen (mg/L)	1.61
G393B	07/24/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.016
G393B	07/24/2007	11:25	0	pH	7.1
G393B	07/24/2007	11:25	0	Temperature (°C)	26
G393B	07/24/2007	11:25	0	Total Phosphorus (mg/L)	0.049
G393B	07/24/2007	11:25	0	Turbidity (NTU)	2.2
G353B	07/31/2007	12:15	0	Total Phosphorus (mg/L)	0.106
G354C	07/31/2007	11:20	0	Conductivity (µS/cm)	609
G354C	07/31/2007	11:20	0	Dissolved Oxygen (mg/L)	2.7
G354C	07/31/2007	11:20	0	pH	7.4
G354C	07/31/2007	11:20	0	Temperature (°C)	29.8
G354C	07/31/2007	11:20	0	Total Phosphorus (mg/L)	0.032
G393B	07/31/2007	11:40	0	Conductivity (µS/cm)	872
G393B	07/31/2007	11:40	0	Dissolved Oxygen (mg/L)	1.06
G393B	07/31/2007	11:40	0	pH	7.1
G393B	07/31/2007	11:40	0	Temperature (°C)	27.8
G393B	07/31/2007	11:40	0	Total Phosphorus (mg/L)	0.047
G353B	08/07/2007	11:50	0	Total Phosphorus (mg/L)	0.12
G354C	08/07/2007	10:55	0	Alkalinity (mg CaCO ₃ /L)	226
G354C	08/07/2007	10:55	0	Conductivity (µS/cm)	719
G354C	08/07/2007	10:55	0	Dissolved Oxygen (mg/L)	0.79
G354C	08/07/2007	10:55	0	Nitrate + Nitrite (mg N/L)	0.01
G354C	08/07/2007	10:55	0	pH	7.1
G354C	08/07/2007	10:55	0	Temperature (°C)	30
G354C	08/07/2007	11:00	24	Total Phosphorus (mg/L)	0.085
G354C	08/07/2007	10:55	0	Total Phosphorus (mg/L)	0.044
G354C	08/07/2007	10:55	0	Turbidity (NTU)	1.4
G393B	08/07/2007	11:25	0	Alkalinity (mg CaCO ₃ /L)	192
G393B	08/07/2007	11:25	0	Conductivity (µS/cm)	1060
G393B	08/07/2007	11:25	0	Dissolved Oxygen (mg/L)	0.21
G393B	08/07/2007	11:25	0	Nitrate + Nitrite (mg N/L)	0.009

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G393B	08/07/2007	11:25	0	pH	7
G393B	08/07/2007	11:25	0	Temperature (°C)	27.1
G393B	08/07/2007	11:25	0	Total Phosphorus (mg/L)	0.202
G393B	08/07/2007	11:30	24	Total Phosphorus (mg/L)	0.194
G393B	08/07/2007	11:25	0	Turbidity (NTU)	1.4
G353B	08/14/2007	13:05	0	Total Phosphorus (mg/L)	0.11
G354C	08/14/2007	11:15	0	Conductivity (µS/cm)	660
G354C	08/14/2007	11:15	0	Dissolved Oxygen (mg/L)	0.76
G354C	08/14/2007	11:15	0	pH	7.2
G354C	08/14/2007	11:15	0	Temperature (°C)	28.4
G354C	08/14/2007	11:20	24	Total Phosphorus (mg/L)	0.059
G354C	08/14/2007	11:15	0	Total Phosphorus (mg/L)	0.042
G393B	08/14/2007	10:45	0	Conductivity (µS/cm)	928.3
G393B	08/14/2007	10:45	0	Dissolved Oxygen (mg/L)	0.58
G393B	08/14/2007	10:45	0	pH	7
G393B	08/14/2007	10:45	0	Temperature (°C)	26.7
G393B	08/14/2007	10:50	24	Total Phosphorus (mg/L)	0.2
G393B	08/14/2007	10:45	0	Total Phosphorus (mg/L)	0.205
G353B	08/21/2007	12:05	0	Total Phosphorus (mg/L)	0.09
G354C	08/21/2007	11:10	0	Alkalinity (mg CaCO ₃ /L)	182
G354C	08/21/2007	11:10	0	Conductivity (µS/cm)	653.1
G354C	08/21/2007	11:10	0	Dissolved Oxygen (mg/L)	1.98
G354C	08/21/2007	11:10	0	pH	7.3
G354C	08/21/2007	11:10	0	Sulfate (mg/L)	20.5
G354C	08/21/2007	11:10	0	Temperature (°C)	28.6
G354C	08/21/2007	11:10	0	Total Phosphorus (mg/L)	0.027
G354C	08/21/2007	11:10	0	Turbidity (NTU)	0.9
G393B	08/21/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	227
G393B	08/21/2007	11:30	0	Conductivity (µS/cm)	931.2
G393B	08/21/2007	11:30	0	Dissolved Oxygen (mg/L)	0.17
G393B	08/21/2007	11:30	0	pH	7.1
G393B	08/21/2007	11:30	0	Sulfate (mg/L)	116
G393B	08/21/2007	11:30	0	Temperature (°C)	26.7
G393B	08/21/2007	11:30	0	Total Phosphorus (mg/L)	0.157
G393B	08/21/2007	11:30	0	Turbidity (NTU)	4.9
G353B	08/28/2007	12:05	0	Total Phosphorus (mg/L)	0.086
G354C	08/28/2007	10:40	0	Conductivity (µS/cm)	520.8
G354C	08/28/2007	10:40	0	Dissolved Oxygen (mg/L)	2.71
G354C	08/28/2007	10:40	0	pH	7.2
G354C	08/28/2007	10:40	0	Temperature (°C)	28
G354C	08/28/2007	10:40	0	Total Phosphorus (mg/L)	0.022
G393B	08/28/2007	11:35	0	Conductivity (µS/cm)	710.7
G393B	08/28/2007	11:35	0	Dissolved Oxygen (mg/L)	0.39
G393B	08/28/2007	11:35	0	pH	7
G393B	08/28/2007	11:35	0	Temperature (°C)	26.1
G393B	08/28/2007	11:40	24	Total Phosphorus (mg/L)	0.17
G393B	08/28/2007	11:35	0	Total Phosphorus (mg/L)	0.13

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G353B	09/05/2007	12:10	0	Total Phosphorus (mg/L)	0.092
G354C	09/05/2007	11:15	0	Alkalinity (mg CaCO ₃ /L)	160
G354C	09/05/2007	11:15	0	Conductivity (µS/cm)	492
G354C	09/05/2007	11:15	0	Dissolved Oxygen (mg/L)	1.28
G354C	09/05/2007	11:15	0	Nitrate + Nitrite (mg N/L)	<0.005
G354C	09/05/2007	11:15	0	pH	7.2
G354C	09/05/2007	11:15	0	Temperature (°C)	28.4
G354C	09/05/2007	11:15	0	Total Phosphorus (mg/L)	0.018
G354C	09/05/2007	11:15	0	Turbidity (NTU)	6.1
G393B	09/05/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	195
G393B	09/05/2007	11:40	0	Conductivity (µS/cm)	651
G393B	09/05/2007	11:40	0	Dissolved Oxygen (mg/L)	2.3
G393B	09/05/2007	11:40	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	09/05/2007	11:40	0	pH	7.1
G393B	09/05/2007	11:40	0	Temperature (°C)	26.8
G393B	09/05/2007	11:40	0	Total Phosphorus (mg/L)	0.061
G393B	09/05/2007	11:40	0	Turbidity (NTU)	6.5
G353B	09/11/2007	11:35	0	Total Phosphorus (mg/L)	0.057
G354C	09/11/2007	10:20	0	Conductivity (µS/cm)	494
G354C	09/11/2007	10:20	0	Dissolved Oxygen (mg/L)	1.21
G354C	09/11/2007	10:20	0	pH	7.3
G354C	09/11/2007	10:20	0	Temperature (°C)	26.7
G354C	09/11/2007	10:20	0	Total Phosphorus (mg/L)	0.026
G393B	09/11/2007	10:10	0	Conductivity (µS/cm)	613
G393B	09/11/2007	10:10	0	Dissolved Oxygen (mg/L)	0.4
G393B	09/11/2007	10:10	0	pH	7.1
G393B	09/11/2007	10:10	0	Temperature (°C)	25.6
G393B	09/11/2007	10:10	0	Total Phosphorus (mg/L)	0.06
G353B	09/18/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	183
G353B	09/18/2007	11:05	0	Conductivity (µS/cm)	539
G353B	09/18/2007	11:05	0	Dissolved Oxygen (mg/L)	2.55
G353B	09/18/2007	11:05	0	Nitrate + Nitrite (mg N/L)	0.012
G353B	09/18/2007	11:05	0	pH	7.4
G353B	09/18/2007	11:05	0	Sulfate (mg/L)	13.3
G353B	09/18/2007	11:05	0	Temperature (°C)	28.9
G353B	09/18/2007	11:05	0	Total Phosphorus (mg/L)	0.057
G353B	09/18/2007	11:05	0	Turbidity (NTU)	3
G354C	09/18/2007	10:30	0	Alkalinity (mg CaCO ₃ /L)	158
G354C	09/18/2007	10:30	0	Conductivity (µS/cm)	489
G354C	09/18/2007	10:30	0	Dissolved Oxygen (mg/L)	1.14
G354C	09/18/2007	10:30	0	Nitrate + Nitrite (mg N/L)	<0.005
G354C	09/18/2007	10:30	0	pH	7.1
G354C	09/18/2007	10:30	0	Sulfate (mg/L)	2.6
G354C	09/18/2007	10:30	0	Temperature (°C)	26.1
G354C	09/18/2007	10:30	0	Total Phosphorus (mg/L)	0.017
G354C	09/18/2007	10:30	0	Turbidity (NTU)	0.6
G393B	09/18/2007	10:15	0	Alkalinity (mg CaCO ₃ /L)	182
G393B	09/18/2007	10:15	0	Conductivity (µS/cm)	553

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G393B	09/18/2007	10:15	0	Dissolved Oxygen (mg/L)	0.48
G393B	09/18/2007	10:15	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	09/18/2007	10:15	0	pH	7.1
G393B	09/18/2007	10:15	0	Sulfate (mg/L)	20.2
G393B	09/18/2007	10:15	0	Temperature (°C)	25.6
G393B	09/18/2007	10:15	0	Total Phosphorus (mg/L)	0.054
G393B	09/18/2007	10:15	0	Turbidity (NTU)	5.9
G353B	09/25/2007	11:50	0	Conductivity (µS/cm)	538
G353B	09/25/2007	11:50	0	Dissolved Oxygen (mg/L)	3.94
G353B	09/25/2007	11:50	0	pH	7.4
G353B	09/25/2007	11:50	0	Temperature (°C)	27.8
G353B	09/25/2007	11:50	0	Total Phosphorus (mg/L)	0.111
G354C	09/25/2007	11:00	0	Conductivity (µS/cm)	481
G354C	09/25/2007	11:00	0	Dissolved Oxygen (mg/L)	1.91
G354C	09/25/2007	11:00	0	pH	7.2
G354C	09/25/2007	11:00	0	Temperature (°C)	26.7
G354C	09/25/2007	11:05	24	Total Phosphorus (mg/L)	0.025
G354C	09/25/2007	11:00	0	Total Phosphorus (mg/L)	0.023
G393B	09/25/2007	10:30	0	Conductivity (µS/cm)	520
G393B	09/25/2007	10:30	0	Dissolved Oxygen (mg/L)	1.08
G393B	09/25/2007	10:30	0	pH	7
G393B	09/25/2007	10:30	0	Temperature (°C)	25.3
G393B	09/25/2007	10:30	0	Total Phosphorus (mg/L)	0.092
G393B	09/25/2007	10:35	24	Total Phosphorus (mg/L)	0.059
G353B	10/02/2007	12:05	0	Alkalinity (mg CaCO ₃ /L)	198
G353B	10/02/2007	12:05	0	Conductivity (µS/cm)	529.8
G353B	10/02/2007	12:05	0	Dissolved Oxygen (mg/L)	5.35
G353B	10/02/2007	12:05	0	Nitrate + Nitrite (mg N/L)	0.033
G353B	10/02/2007	12:05	0	pH	7.8
G353B	10/02/2007	12:05	0	Sulfate (mg/L)	9.2
G353B	10/02/2007	12:05	0	Temperature (°C)	27.8
G353B	10/02/2007	12:05	0	Total Phosphorus (mg/L)	0.083
G353B	10/02/2007	12:05	0	Turbidity (NTU)	2.3
G354C	10/02/2007	11:05	0	Alkalinity (mg CaCO ₃ /L)	183
G354C	10/02/2007	11:05	0	Conductivity (µS/cm)	482.3
G354C	10/02/2007	11:05	0	Dissolved Oxygen (mg/L)	1.71
G354C	10/02/2007	11:05	0	Nitrate + Nitrite (mg N/L)	<0.005
G354C	10/02/2007	11:05	0	pH	7.3
G354C	10/02/2007	11:05	0	Sulfate (mg/L)	7
G354C	10/02/2007	11:05	0	Temperature (°C)	26
G354C	10/02/2007	11:05	0	Total Phosphorus (mg/L)	0.016
G354C	10/02/2007	11:10	24	Total Phosphorus (mg/L)	0.027
G354C	10/02/2007	11:05	0	Turbidity (NTU)	0.8
G393B	10/02/2007	10:30	0	Alkalinity (mg CaCO ₃ /L)	187
G393B	10/02/2007	10:30	0	Conductivity (µS/cm)	505.1
G393B	10/02/2007	10:30	0	Dissolved Oxygen (mg/L)	0.32
G393B	10/02/2007	10:30	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	10/02/2007	10:30	0	pH	7.2

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G393B	10/02/2007	10:30	0	Sulfate (mg/L)	7.1
G393B	10/02/2007	10:30	0	Temperature (°C)	24.6
G393B	10/02/2007	10:30	0	Total Phosphorus (mg/L)	0.046
G393B	10/02/2007	10:35	24	Total Phosphorus (mg/L)	0.068
G393B	10/02/2007	10:30	0	Turbidity (NTU)	0.5
G353B	10/09/2007	13:20	0	Conductivity (µS/cm)	551.1
G353B	10/09/2007	13:20	0	Dissolved Oxygen (mg/L)	5.54
G353B	10/09/2007	13:20	0	pH	7.7
G353B	10/09/2007	13:20	0	Temperature (°C)	29.9
G353B	10/09/2007	13:20	0	Total Phosphorus (mg/L)	0.077
G354C	10/09/2007	11:35	0	Conductivity (µS/cm)	479.5
G354C	10/09/2007	11:35	0	Dissolved Oxygen (mg/L)	1.91
G354C	10/09/2007	11:35	0	pH	7.2
G354C	10/09/2007	11:35	0	Temperature (°C)	27.9
G354C	10/09/2007	11:40	24	Total Phosphorus (mg/L)	0.018
G354C	10/09/2007	11:35	0	Total Phosphorus (mg/L)	0.014
G393B	10/09/2007	11:05	0	Conductivity (µS/cm)	508.1
G393B	10/09/2007	11:05	0	Dissolved Oxygen (mg/L)	0.62
G393B	10/09/2007	11:05	0	pH	7.1
G393B	10/09/2007	11:05	0	Temperature (°C)	26
G393B	10/09/2007	11:05	0	Total Phosphorus (mg/L)	0.035
G393B	10/09/2007	11:10	24	Total Phosphorus (mg/L)	0.037
G353B	10/16/2007	12:30	0	Alkalinity (mg CaCO ₃ /L)	199
G353B	10/16/2007	12:30	0	Conductivity (µS/cm)	560.9
G353B	10/16/2007	12:30	0	Dissolved Oxygen (mg/L)	4.74
G353B	10/16/2007	12:30	0	Nitrate + Nitrite (mg N/L)	0.024
G353B	10/16/2007	12:30	0	pH	7.7
G353B	10/16/2007	12:30	0	Sulfate (mg/L)	10.3
G353B	10/16/2007	12:30	0	Temperature (°C)	27.3
G353B	10/16/2007	12:30	0	Total Phosphorus (mg/L)	0.053
G353B	10/16/2007	12:30	0	Turbidity (NTU)	3.4
G354C	10/16/2007	11:30	0	Alkalinity (mg CaCO ₃ /L)	180
G354C	10/16/2007	11:30	0	Conductivity (µS/cm)	525
G354C	10/16/2007	11:30	0	Dissolved Oxygen (mg/L)	1.77
G354C	10/16/2007	11:30	0	Nitrate + Nitrite (mg N/L)	<0.005
G354C	10/16/2007	11:30	0	pH	7.3
G354C	10/16/2007	11:30	0	Sulfate (mg/L)	4.5
G354C	10/16/2007	11:30	0	Temperature (°C)	25.1
G354C	10/16/2007	11:35	24	Total Phosphorus (mg/L)	0.018
G354C	10/16/2007	11:30	0	Total Phosphorus (mg/L)	0.014
G354C	10/16/2007	11:30	0	Turbidity (NTU)	0.8
G393B	10/16/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	197
G393B	10/16/2007	10:50	0	Conductivity (µS/cm)	532.1
G393B	10/16/2007	10:50	0	Dissolved Oxygen (mg/L)	0.64
G393B	10/16/2007	10:50	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	10/16/2007	10:50	0	pH	7.2
G393B	10/16/2007	10:50	0	Sulfate (mg/L)	5.3
G393B	10/16/2007	10:50	0	Temperature (°C)	23.7

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G393B	10/16/2007	10:55	24	Total Phosphorus (mg/L)	0.038
G393B	10/16/2007	10:50	0	Total Phosphorus (mg/L)	0.067
G393B	10/16/2007	10:50	0	Turbidity (NTU)	1.7
G353B	10/23/2007	12:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	547.6
G353B	10/23/2007	12:10	0	Dissolved Oxygen (mg/L)	5.44
G353B	10/23/2007	12:10	0	pH	7.9
G353B	10/23/2007	12:10	0	Temperature ($^{\circ}\text{C}$)	28.9
G353B	10/23/2007	12:10	0	Total Phosphorus (mg/L)	0.056
G354C	10/23/2007	11:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	467.4
G354C	10/23/2007	11:20	0	Dissolved Oxygen (mg/L)	3.12
G354C	10/23/2007	11:20	0	pH	7.6
G354C	10/23/2007	11:20	0	Temperature ($^{\circ}\text{C}$)	27
G354C	10/23/2007	11:20	0	Total Phosphorus (mg/L)	0.016
G393B	10/23/2007	11:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	458.2
G393B	10/23/2007	11:00	0	Dissolved Oxygen (mg/L)	0.29
G393B	10/23/2007	11:00	0	pH	7.3
G393B	10/23/2007	11:00	0	Temperature ($^{\circ}\text{C}$)	25.1
G393B	10/23/2007	11:00	0	Total Phosphorus (mg/L)	0.057
G393B	10/23/2007	11:05	24	Total Phosphorus (mg/L)	0.081
G353B	10/31/2007	11:15	0	Alkalinity (mg CaCO_3/L)	174
G353B	10/31/2007	11:15	0	Conductivity ($\mu\text{S}/\text{cm}$)	544.1
G353B	10/31/2007	11:15	0	Dissolved Oxygen (mg/L)	6.07
G353B	10/31/2007	11:15	0	Nitrate + Nitrite (mg N/L)	0.071
G353B	10/31/2007	11:15	0	pH	7.9
G353B	10/31/2007	11:15	0	Sulfate (mg/L)	11.9
G353B	10/31/2007	11:15	0	Temperature ($^{\circ}\text{C}$)	26.1
G353B	10/31/2007	11:15	0	Total Phosphorus (mg/L)	0.042
G353B	10/31/2007	11:15	0	Turbidity (NTU)	4.3
G354C	10/31/2007	10:30	0	Alkalinity (mg CaCO_3/L)	178
G354C	10/31/2007	10:30	0	Conductivity ($\mu\text{S}/\text{cm}$)	517.3
G354C	10/31/2007	10:30	0	Dissolved Oxygen (mg/L)	3.63
G354C	10/31/2007	10:30	0	Nitrate + Nitrite (mg N/L)	0.071
G354C	10/31/2007	10:30	0	pH	7.5
G354C	10/31/2007	10:30	0	Sulfate (mg/L)	4.9
G354C	10/31/2007	10:30	0	Temperature ($^{\circ}\text{C}$)	25.7
G354C	10/31/2007	10:30	0	Total Phosphorus (mg/L)	0.021
G354C	10/31/2007	10:30	0	Turbidity (NTU)	1.7
G393B	10/31/2007	10:05	0	Alkalinity (mg CaCO_3/L)	175
G393B	10/31/2007	10:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	469.5
G393B	10/31/2007	10:05	0	Dissolved Oxygen (mg/L)	1.67
G393B	10/31/2007	10:05	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	10/31/2007	10:05	0	pH	7.3
G393B	10/31/2007	10:05	0	Sulfate (mg/L)	3
G393B	10/31/2007	10:05	0	Temperature ($^{\circ}\text{C}$)	23.8
G393B	10/31/2007	10:05	0	Total Phosphorus (mg/L)	0.044
G393B	10/31/2007	10:05	0	Turbidity (NTU)	2
G353B	11/06/2007	12:20	0	Conductivity ($\mu\text{S}/\text{cm}$)	541
G353B	11/06/2007	12:20	0	Dissolved Oxygen (mg/L)	7.49

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G353B	11/06/2007	12:20	0	pH	8.1
G353B	11/06/2007	12:20	0	Temperature (°C)	24
G354C	11/06/2007	10:50	0	Conductivity (µS/cm)	483
G354C	11/06/2007	10:50	0	Dissolved Oxygen (mg/L)	2.87
G354C	11/06/2007	10:50	0	pH	7.4
G354C	11/06/2007	10:50	0	Temperature (°C)	20.5
G354C	11/06/2007	10:50	0	Total Phosphorus (mg/L)	0.012
G393B	11/06/2007	10:35	0	Conductivity (µS/cm)	477
G393B	11/06/2007	10:35	0	Dissolved Oxygen (mg/L)	0.85
G393B	11/06/2007	10:35	0	pH	7.2
G393B	11/06/2007	10:35	0	Temperature (°C)	20
G393B	11/06/2007	10:35	0	Total Phosphorus (mg/L)	0.04
G353B	11/14/2007	11:40	0	Alkalinity (mg CaCO ₃ /L)	195
G353B	11/14/2007	11:40	0	Conductivity (µS/cm)	544.9
G353B	11/14/2007	11:40	0	Dissolved Oxygen (mg/L)	7.56
G353B	11/14/2007	11:40	0	Nitrate + Nitrite (mg N/L)	0.026
G353B	11/14/2007	11:40	0	pH	8
G353B	11/14/2007	11:40	0	Sulfate (mg/L)	12.7
G353B	11/14/2007	11:40	0	Temperature (°C)	22.9
G353B	11/14/2007	11:40	0	Total Phosphorus (mg/L)	0.039
G354C	11/14/2007	10:50	0	Alkalinity (mg CaCO ₃ /L)	182
G354C	11/14/2007	10:50	0	Conductivity (µS/cm)	509.3
G354C	11/14/2007	10:50	0	Dissolved Oxygen (mg/L)	3.12
G354C	11/14/2007	10:50	0	Nitrate + Nitrite (mg N/L)	<0.005
G354C	11/14/2007	10:50	0	pH	7.4
G354C	11/14/2007	10:50	0	Sulfate (mg/L)	3.2
G354C	11/14/2007	10:50	0	Temperature (°C)	20.6
G354C	11/14/2007	10:50	0	Total Phosphorus (mg/L)	0.011
G393B	11/14/2007	10:35	0	Alkalinity (mg CaCO ₃ /L)	181
G393B	11/14/2007	10:35	0	Conductivity (µS/cm)	484.1
G393B	11/14/2007	10:35	0	Dissolved Oxygen (mg/L)	3.05
G393B	11/14/2007	10:35	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	11/14/2007	10:35	0	pH	7.4
G393B	11/14/2007	10:35	0	Sulfate (mg/L)	3.1
G393B	11/14/2007	10:35	0	Temperature (°C)	19.4
G393B	11/14/2007	10:35	0	Total Phosphorus (mg/L)	0.036
G353B	11/20/2007	11:45	0	Conductivity (µS/cm)	548.4
G353B	11/20/2007	11:45	0	Dissolved Oxygen (mg/L)	6.63
G353B	11/20/2007	11:45	0	pH	7.8
G353B	11/20/2007	11:45	0	Temperature (°C)	22
G353B	11/20/2007	11:45	0	Total Phosphorus (mg/L)	0.039
G354C	11/20/2007	10:55	0	Conductivity (µS/cm)	534.5
G354C	11/20/2007	10:55	0	Dissolved Oxygen (mg/L)	3.72
G354C	11/20/2007	10:55	0	pH	7.2
G354C	11/20/2007	10:55	0	Temperature (°C)	19.5
G354C	11/20/2007	10:55	0	Total Phosphorus (mg/L)	0.011
G393B	11/20/2007	10:30	0	Conductivity (µS/cm)	507.5
G393B	11/20/2007	10:30	0	Dissolved Oxygen (mg/L)	0.88

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G393B	11/20/2007	10:30	0	pH	6.9
G393B	11/20/2007	10:30	0	Temperature (°C)	18.3
G393B	11/20/2007	10:30	0	Total Phosphorus (mg/L)	0.025
G353B	11/27/2007	12:05	0	Alkalinity (mg CaCO ₃ /L)	191
G353B	11/27/2007	12:05	0	Conductivity (µS/cm)	591.2
G353B	11/27/2007	12:05	0	Dissolved Oxygen (mg/L)	7.07
G353B	11/27/2007	12:05	0	Nitrate + Nitrite (mg N/L)	0.058
G353B	11/27/2007	12:05	0	pH	8.1
G353B	11/27/2007	12:05	0	Sulfate (mg/L)	13.1
G353B	11/27/2007	12:05	0	Temperature (°C)	23.7
G353B	11/27/2007	12:05	0	Total Phosphorus (mg/L)	0.041
G354C	11/27/2007	11:00	0	Alkalinity (mg CaCO ₃ /L)	210
G354C	11/27/2007	11:00	0	Conductivity (µS/cm)	567.5
G354C	11/27/2007	11:00	0	Dissolved Oxygen (mg/L)	3.91
G354C	11/27/2007	11:00	0	Nitrate + Nitrite (mg N/L)	<0.005
G354C	11/27/2007	11:00	0	pH	7.6
G354C	11/27/2007	11:00	0	Sulfate (mg/L)	2.5
G354C	11/27/2007	11:00	0	Temperature (°C)	22.7
G354C	11/27/2007	11:00	0	Total Phosphorus (mg/L)	0.014
G393B	11/27/2007	10:40	0	Alkalinity (mg CaCO ₃ /L)	195
G393B	11/27/2007	10:40	0	Conductivity (µS/cm)	518.4
G393B	11/27/2007	10:40	0	Dissolved Oxygen (mg/L)	0.54
G393B	11/27/2007	10:40	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	11/27/2007	10:40	0	pH	7.3
G393B	11/27/2007	10:40	0	Sulfate (mg/L)	2
G393B	11/27/2007	10:40	0	Temperature (°C)	19.9
G393B	11/27/2007	10:40	0	Total Phosphorus (mg/L)	0.019
G353B	12/04/2007	12:00	0	Conductivity (µS/cm)	557
G353B	12/04/2007	12:00	0	Dissolved Oxygen (mg/L)	5.39
G353B	12/04/2007	12:00	0	pH	7.9
G353B	12/04/2007	12:00	0	Temperature (°C)	23.9
G353B	12/04/2007	12:00	0	Total Phosphorus (mg/L)	0.046
G354C	12/04/2007	11:00	0	Conductivity (µS/cm)	632
G354C	12/04/2007	11:00	0	Dissolved Oxygen (mg/L)	3.72
G354C	12/04/2007	11:00	0	pH	7.6
G354C	12/04/2007	11:00	0	Temperature (°C)	22.1
G354C	12/04/2007	11:00	0	Total Phosphorus (mg/L)	0.014
G393B	12/04/2007	10:45	0	Conductivity (µS/cm)	540
G393B	12/04/2007	10:45	0	Dissolved Oxygen (mg/L)	1.73
G393B	12/04/2007	10:45	0	pH	7.4
G393B	12/04/2007	10:45	0	Temperature (°C)	20.8
G393B	12/04/2007	10:45	0	Total Phosphorus (mg/L)	0.027
G353B	12/11/2007	11:55	0	Alkalinity (mg CaCO ₃ /L)	202
G353B	12/11/2007	11:55	0	Conductivity (µS/cm)	550.9
G353B	12/11/2007	11:55	0	Dissolved Oxygen (mg/L)	6.13
G353B	12/11/2007	11:55	0	Nitrate + Nitrite (mg N/L)	0.065
G353B	12/11/2007	11:55	0	pH	7.8
G353B	12/11/2007	11:55	0	Sulfate (mg/L)	10.8

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G353B	12/11/2007	11:55	0	Temperature (°C)	24.2
G353B	12/11/2007	11:55	0	Total Phosphorus (mg/L)	0.042
G393B	12/11/2007	10:25	0	Alkalinity (mg CaCO ₃ /L)	203
G393B	12/11/2007	10:25	0	Conductivity (µS/cm)	541
G393B	12/11/2007	10:25	0	Dissolved Oxygen (mg/L)	1.45
G393B	12/11/2007	10:25	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	12/11/2007	10:25	0	pH	7.3
G393B	12/11/2007	10:25	0	Sulfate (mg/L)	2.3
G393B	12/11/2007	10:25	0	Temperature (°C)	20.1
G393B	12/11/2007	10:25	0	Total Phosphorus (mg/L)	0.022
G353B	12/18/2007	12:00	0	Conductivity (µS/cm)	550.7
G353B	12/18/2007	12:00	0	pH	8
G353B	12/18/2007	12:00	0	Temperature (°C)	20.1
G353B	12/18/2007	12:00	0	Total Phosphorus (mg/L)	0.041
G353B	12/27/2007	11:53	0	Alkalinity (mg CaCO ₃ /L)	204
G353B	12/27/2007	11:53	0	Conductivity (µS/cm)	553
G353B	12/27/2007	11:53	0	Dissolved Oxygen (mg/L)	7.05
G353B	12/27/2007	11:53	0	Nitrate + Nitrite (mg N/L)	0.083
G353B	12/27/2007	11:53	0	pH	7.9
G353B	12/27/2007	11:53	0	Sulfate (mg/L)	11.6
G353B	12/27/2007	11:53	0	Temperature (°C)	22.2
G353B	12/27/2007	11:53	0	Total Phosphorus (mg/L)	0.042
G353B	01/03/2008	11:25	0	Conductivity (µS/cm)	550
G353B	01/03/2008	11:25	0	Dissolved Oxygen (mg/L)	8.95
G353B	01/03/2008	11:25	0	pH	8.2
G353B	01/03/2008	11:25	0	Temperature (°C)	15.4
G353B	01/03/2008	11:25	0	Total Phosphorus (mg/L)	0.041
G353B	01/08/2008	11:20	0	Alkalinity (mg CaCO ₃ /L)	201
G353B	01/08/2008	11:20	0	Conductivity (µS/cm)	555.2
G353B	01/08/2008	11:20	0	Dissolved Oxygen (mg/L)	8.55
G353B	01/08/2008	11:20	0	Nitrate + Nitrite (mg N/L)	0.067
G353B	01/08/2008	11:20	0	pH	8
G353B	01/08/2008	11:20	0	Sulfate (mg/L)	12.3
G353B	01/08/2008	11:20	0	Temperature (°C)	18.3
G353B	01/08/2008	11:20	0	Total Phosphorus (mg/L)	0.036
G353B	01/15/2008	13:00	0	Conductivity (µS/cm)	539.8
G353B	01/15/2008	13:00	0	Dissolved Oxygen (mg/L)	8.64
G353B	01/15/2008	13:00	0	pH	8.7
G353B	01/15/2008	13:00	0	Temperature (°C)	19.7
G353B	01/15/2008	13:00	0	Total Phosphorus (mg/L)	0.039
G353B	01/23/2008	11:30	0	Alkalinity (mg CaCO ₃ /L)	204
G353B	01/23/2008	11:30	0	Conductivity (µS/cm)	564.3
G353B	01/23/2008	11:30	0	Dissolved Oxygen (mg/L)	8.32
G353B	01/23/2008	11:30	0	Nitrate + Nitrite (mg N/L)	0.057
G353B	01/23/2008	11:30	0	pH	7.8
G353B	01/23/2008	11:30	0	Sulfate (mg/L)	14.6
G353B	01/23/2008	11:30	0	Temperature (°C)	21.4
G353B	01/23/2008	11:30	0	Total Phosphorus (mg/L)	0.038

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G353B	01/29/2008	12:05	0	Conductivity (µS/cm)	565.3
G353B	01/29/2008	12:05	0	Dissolved Oxygen (mg/L)	7.99
G353B	01/29/2008	12:05	0	pH	7.7
G353B	01/29/2008	12:05	0	Temperature (°C)	19.9
G353B	01/29/2008	12:05	0	Total Phosphorus (mg/L)	0.04
G353B	02/05/2008	12:10	0	Alkalinity (mg CaCO ₃ /L)	211
G353B	02/05/2008	12:10	0	Conductivity (µS/cm)	575.1
G353B	02/05/2008	12:10	0	Dissolved Oxygen (mg/L)	7.29
G353B	02/05/2008	12:10	0	Nitrate + Nitrite (mg N/L)	0.008
G353B	02/05/2008	12:10	0	pH	7.7
G353B	02/05/2008	12:10	0	Sulfate (mg/L)	16.3
G353B	02/05/2008	12:10	0	Temperature (°C)	22.7
G353B	02/05/2008	12:10	0	Total Phosphorus (mg/L)	0.037
G353B	02/12/2008	12:00	0	Conductivity (µS/cm)	585.7
G353B	02/12/2008	12:00	0	Dissolved Oxygen (mg/L)	6.63
G353B	02/12/2008	12:00	0	pH	8
G353B	02/12/2008	12:00	0	Temperature (°C)	21.7
G353B	02/12/2008	12:00	0	Total Phosphorus (mg/L)	0.046
G353B	02/20/2008	11:45	0	Alkalinity (mg CaCO ₃ /L)	197
G353B	02/20/2008	11:45	0	Conductivity (µS/cm)	549
G353B	02/20/2008	11:45	0	Dissolved Oxygen (mg/L)	5.34
G353B	02/20/2008	11:45	0	pH	7.6
G353B	02/20/2008	11:45	0	Sulfate (mg/L)	17.2
G353B	02/20/2008	11:45	0	Temperature (°C)	22.2
G353B	02/20/2008	11:45	0	Total Phosphorus (mg/L)	0.051
G354C	02/20/2008	10:45	0	Alkalinity (mg CaCO ₃ /L)	239
G354C	02/20/2008	10:45	0	Conductivity (µS/cm)	816
G354C	02/20/2008	10:45	0	Dissolved Oxygen (mg/L)	6.46
G354C	02/20/2008	10:45	0	pH	7.9
G354C	02/20/2008	10:45	0	Sulfate (mg/L)	20.8
G354C	02/20/2008	10:45	0	Temperature (°C)	22.4
G354C	02/20/2008	10:45	0	Total Phosphorus (mg/L)	0.029
G393B	02/20/2008	10:20	0	Alkalinity (mg CaCO ₃ /L)	233
G393B	02/20/2008	10:20	0	Conductivity (µS/cm)	843
G393B	02/20/2008	10:20	0	Dissolved Oxygen (mg/L)	3.89
G393B	02/20/2008	10:20	0	pH	7.7
G393B	02/20/2008	10:20	0	Sulfate (mg/L)	26
G393B	02/20/2008	10:20	0	Temperature (°C)	20.7
G393B	02/20/2008	10:20	0	Total Phosphorus (mg/L)	0.042
G353B	02/26/2008	12:05	0	Conductivity (µS/cm)	542.2
G353B	02/26/2008	12:05	0	Dissolved Oxygen (mg/L)	8.09
G353B	02/26/2008	12:05	0	pH	7.8
G353B	02/26/2008	12:05	0	Temperature (°C)	26.2
G353B	02/26/2008	12:05	0	Total Phosphorus (mg/L)	0.043
G354C	02/26/2008	11:10	0	Conductivity (µS/cm)	844.7
G354C	02/26/2008	11:10	0	Dissolved Oxygen (mg/L)	6.45
G354C	02/26/2008	11:10	0	pH	7.8
G354C	02/26/2008	11:10	0	Temperature (°C)	25.4

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G354C	02/26/2008	11:10	0	Total Phosphorus (mg/L)	0.024
G393B	02/26/2008	10:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	891.8
G393B	02/26/2008	10:50	0	Dissolved Oxygen (mg/L)	3.18
G393B	02/26/2008	10:50	0	pH	7.4
G393B	02/26/2008	10:50	0	Temperature ($^{\circ}\text{C}$)	23.8
G393B	02/26/2008	10:50	0	Total Phosphorus (mg/L)	0.036
G353B	03/04/2008	12:00	0	Alkalinity (mg CaCO_3/L)	194
G353B	03/04/2008	12:00	0	Conductivity ($\mu\text{S}/\text{cm}$)	595.9
G353B	03/04/2008	12:00	0	Dissolved Oxygen (mg/L)	6.42
G353B	03/04/2008	12:00	0	Nitrate + Nitrite (mg N/L)	0.016
G353B	03/04/2008	12:00	0	pH	7.8
G353B	03/04/2008	12:00	0	Sulfate (mg/L)	17.3
G353B	03/04/2008	12:00	0	Temperature ($^{\circ}\text{C}$)	22.4
G353B	03/04/2008	12:00	0	Total Phosphorus (mg/L)	0.032
G354C	03/04/2008	10:50	0	Alkalinity (mg CaCO_3/L)	214
G354C	03/04/2008	10:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	826.7
G354C	03/04/2008	10:50	0	Dissolved Oxygen (mg/L)	6.09
G354C	03/04/2008	10:50	0	Nitrate + Nitrite (mg N/L)	0.014
G354C	03/04/2008	10:50	0	pH	7.8
G354C	03/04/2008	10:50	0	Sulfate (mg/L)	44.8
G354C	03/04/2008	10:50	0	Temperature ($^{\circ}\text{C}$)	22.2
G354C	03/04/2008	10:50	0	Total Phosphorus (mg/L)	0.025
G393B	03/04/2008	10:35	0	Alkalinity (mg CaCO_3/L)	225
G393B	03/04/2008	10:35	0	Conductivity ($\mu\text{S}/\text{cm}$)	843.9
G393B	03/04/2008	10:35	0	Dissolved Oxygen (mg/L)	5.18
G393B	03/04/2008	10:35	0	Nitrate + Nitrite (mg N/L)	0.017
G393B	03/04/2008	10:35	0	pH	7.6
G393B	03/04/2008	10:35	0	Sulfate (mg/L)	51.4
G393B	03/04/2008	10:35	0	Temperature ($^{\circ}\text{C}$)	20.2
G393B	03/04/2008	10:35	0	Total Phosphorus (mg/L)	0.037
G353B	03/11/2008	13:05	0	Conductivity ($\mu\text{S}/\text{cm}$)	545.9
G353B	03/11/2008	13:05	0	Dissolved Oxygen (mg/L)	7.8
G353B	03/11/2008	13:05	0	pH	7.9
G353B	03/11/2008	13:05	0	Temperature ($^{\circ}\text{C}$)	22.5
G353B	03/11/2008	13:05	0	Total Phosphorus (mg/L)	0.05
G354C	03/11/2008	11:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	801.5
G354C	03/11/2008	11:10	0	Dissolved Oxygen (mg/L)	7.42
G354C	03/11/2008	11:10	0	pH	8
G354C	03/11/2008	11:10	0	Temperature ($^{\circ}\text{C}$)	22.1
G354C	03/11/2008	11:10	0	Total Phosphorus (mg/L)	0.024
G393B	03/11/2008	10:50	0	Conductivity ($\mu\text{S}/\text{cm}$)	797
G393B	03/11/2008	10:50	0	Dissolved Oxygen (mg/L)	3.75
G393B	03/11/2008	10:50	0	pH	7.5
G393B	03/11/2008	10:50	0	Temperature ($^{\circ}\text{C}$)	21
G393B	03/11/2008	10:50	0	Total Phosphorus (mg/L)	0.027
G353B	03/18/2008	12:10	0	Alkalinity (mg CaCO_3/L)	185
G353B	03/18/2008	12:10	0	Conductivity ($\mu\text{S}/\text{cm}$)	550
G353B	03/18/2008	12:10	0	Dissolved Oxygen (mg/L)	6.67

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G353B	03/18/2008	12:10	0	pH	8
G353B	03/18/2008	12:10	0	Sulfate (mg/L)	17.8
G353B	03/18/2008	12:10	0	Temperature (°C)	24.2
G353B	03/18/2008	12:10	0	Total Phosphorus (mg/L)	0.063
G354C	03/18/2008	11:15	0	Alkalinity (mg CaCO ₃ /L)	218
G354C	03/18/2008	11:15	0	Conductivity (µS/cm)	808
G354C	03/18/2008	11:15	0	Dissolved Oxygen (mg/L)	6.92
G354C	03/18/2008	11:15	0	Nitrate + Nitrite (mg N/L)	0.376
G354C	03/18/2008	11:15	0	pH	8.1
G354C	03/18/2008	11:15	0	Sulfate (mg/L)	31.2
G354C	03/18/2008	11:15	0	Temperature (°C)	24.3
G354C	03/18/2008	11:15	0	Total Phosphorus (mg/L)	0.021
G393B	03/18/2008	11:00	0	Alkalinity (mg CaCO ₃ /L)	220
G393B	03/18/2008	11:00	0	Conductivity (µS/cm)	834
G393B	03/18/2008	11:00	0	Dissolved Oxygen (mg/L)	2.89
G393B	03/18/2008	11:00	0	Nitrate + Nitrite (mg N/L)	0.286
G393B	03/18/2008	11:00	0	pH	7.6
G393B	03/18/2008	11:00	0	Sulfate (mg/L)	30.3
G393B	03/18/2008	11:00	0	Temperature (°C)	23.1
G393B	03/18/2008	11:00	0	Total Phosphorus (mg/L)	0.028
G353B	03/25/2008	12:20	0	Conductivity (µS/cm)	571
G353B	03/25/2008	12:20	0	Dissolved Oxygen (mg/L)	5.98
G353B	03/25/2008	12:20	0	pH	7.7
G353B	03/25/2008	12:20	0	Temperature (°C)	21.5
G353B	03/25/2008	12:20	0	Total Phosphorus (mg/L)	0.063
G354C	03/25/2008	11:30	0	Conductivity (µS/cm)	673
G354C	03/25/2008	11:30	0	Dissolved Oxygen (mg/L)	5.46
G354C	03/25/2008	11:30	0	pH	7.4
G354C	03/25/2008	11:30	0	Temperature (°C)	16.9
G354C	03/25/2008	11:30	0	Total Phosphorus (mg/L)	0.022
G393B	03/25/2008	11:15	0	Conductivity (µS/cm)	591
G393B	03/25/2008	11:15	0	Dissolved Oxygen (mg/L)	1.67
G393B	03/25/2008	11:15	0	pH	7.2
G393B	03/25/2008	11:15	0	Temperature (°C)	17.7
G393B	03/25/2008	11:15	0	Total Phosphorus (mg/L)	0.037
G353B	04/01/2008	11:40	0	Alkalinity (mg CaCO ₃ /L)	192
G353B	04/01/2008	11:40	0	Conductivity (µS/cm)	575
G353B	04/01/2008	11:40	0	Dissolved Oxygen (mg/L)	6.58
G353B	04/01/2008	11:40	0	Nitrate + Nitrite (mg N/L)	0.012
G353B	04/01/2008	11:40	0	pH	8
G353B	04/01/2008	11:40	0	Sulfate (mg/L)	18.6
G353B	04/01/2008	11:40	0	Temperature (°C)	24.2
G353B	04/01/2008	11:40	0	Total Phosphorus (mg/L)	0.048
G354C	04/01/2008	10:50	0	Alkalinity (mg CaCO ₃ /L)	226
G354C	04/01/2008	10:50	0	Conductivity (µS/cm)	768
G354C	04/01/2008	10:50	0	Dissolved Oxygen (mg/L)	4.36
G354C	04/01/2008	10:50	0	Nitrate + Nitrite (mg N/L)	0.008
G354C	04/01/2008	10:50	0	pH	7.5

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G354C	04/01/2008	10:50	0	Sulfate (mg/L)	23.2
G354C	04/01/2008	10:50	0	Temperature (°C)	23.9
G354C	04/01/2008	10:50	0	Total Phosphorus (mg/L)	0.021
G393B	04/01/2008	10:25	0	Alkalinity (mg CaCO ₃ /L)	215
G393B	04/01/2008	10:25	0	Conductivity (µS/cm)	782
G393B	04/01/2008	10:25	0	Dissolved Oxygen (mg/L)	1.74
G393B	04/01/2008	10:25	0	Nitrate + Nitrite (mg N/L)	0.012
G393B	04/01/2008	10:25	0	pH	7.4
G393B	04/01/2008	10:25	0	Sulfate (mg/L)	49.4
G393B	04/01/2008	10:25	0	Temperature (°C)	22.7
G393B	04/01/2008	10:25	0	Total Phosphorus (mg/L)	0.032
G353B	04/08/2008	12:40	0	Conductivity (µS/cm)	554.3
G353B	04/08/2008	12:40	0	Dissolved Oxygen (mg/L)	6.24
G353B	04/08/2008	12:40	0	pH	7.6
G353B	04/08/2008	12:40	0	Temperature (°C)	25.1
G353B	04/08/2008	12:40	0	Total Phosphorus (mg/L)	0.067
G354C	04/08/2008	10:40	0	Conductivity (µS/cm)	409.4
G354C	04/08/2008	10:40	0	Dissolved Oxygen (mg/L)	2.14
G354C	04/08/2008	10:40	0	pH	7.2
G354C	04/08/2008	10:40	0	Temperature (°C)	24.6
G354C	04/08/2008	10:40	0	Total Phosphorus (mg/L)	0.029
G393B	04/08/2008	10:20	0	Conductivity (µS/cm)	421.6
G393B	04/08/2008	10:20	0	Dissolved Oxygen (mg/L)	1.64
G393B	04/08/2008	10:20	0	pH	7
G393B	04/08/2008	10:20	0	Temperature (°C)	23.1
G393B	04/08/2008	10:20	0	Total Phosphorus (mg/L)	0.041
G353B	04/15/2008	12:05	0	Alkalinity (mg CaCO ₃ /L)	188
G353B	04/15/2008	12:05	0	Conductivity (µS/cm)	589
G353B	04/15/2008	12:05	0	Dissolved Oxygen (mg/L)	5.82
G353B	04/15/2008	12:05	0	Nitrate + Nitrite (mg N/L)	0.014
G353B	04/15/2008	12:05	0	pH	7.5
G353B	04/15/2008	12:05	0	Sulfate (mg/L)	17.5
G353B	04/15/2008	12:05	0	Temperature (°C)	23.6
G353B	04/15/2008	12:05	0	Total Phosphorus (mg/L)	0.084
G354C	04/15/2008	11:00	0	Alkalinity (mg CaCO ₃ /L)	156
G354C	04/15/2008	11:00	0	Conductivity (µS/cm)	432
G354C	04/15/2008	11:00	0	Dissolved Oxygen (mg/L)	4.58
G354C	04/15/2008	11:00	0	Nitrate + Nitrite (mg N/L)	<0.005
G354C	04/15/2008	11:00	0	pH	7
G354C	04/15/2008	11:00	0	Sulfate (mg/L)	5
G354C	04/15/2008	11:00	0	Temperature (°C)	20.1
G354C	04/15/2008	11:00	0	Total Phosphorus (mg/L)	0.021
G393B	04/15/2008	10:30	0	Alkalinity (mg CaCO ₃ /L)	157
G393B	04/15/2008	10:30	0	Conductivity (µS/cm)	434
G393B	04/15/2008	10:30	0	Dissolved Oxygen (mg/L)	1.98
G393B	04/15/2008	10:30	0	Nitrate + Nitrite (mg N/L)	<0.005
G393B	04/15/2008	10:30	0	pH	6.9
G393B	04/15/2008	10:30	0	Sulfate (mg/L)	27.4

Table 6B. Continued.

Station	Date and Time Sampled		Sample Type	Parameter (Units)	Value
G393B	04/15/2008	10:30	0	Temperature (°C)	19.4
G393B	04/15/2008	10:30	0	Total Phosphorus (mg/L)	0.039
G353B	04/22/2008	11:40	0	Conductivity (µS/cm)	598.1
G353B	04/22/2008	11:40	0	Dissolved Oxygen (mg/L)	6.81
G353B	04/22/2008	11:40	0	pH	7.9
G353B	04/22/2008	11:40	0	Temperature (°C)	24.6
G353B	04/22/2008	11:40	0	Total Phosphorus (mg/L)	0.058
G354C	04/22/2008	10:45	0	Conductivity (µS/cm)	480.2
G354C	04/22/2008	10:45	0	Dissolved Oxygen (mg/L)	3.27
G354C	04/22/2008	10:45	0	pH	7.8
G354C	04/22/2008	10:45	0	Temperature (°C)	23.6
G354C	04/22/2008	10:45	0	Total Phosphorus (mg/L)	0.02
G393B	04/22/2008	10:30	0	Conductivity (µS/cm)	443.5
G393B	04/22/2008	10:30	0	Dissolved Oxygen (mg/L)	1.35
G393B	04/22/2008	10:30	0	pH	7.4
G393B	04/22/2008	10:30	0	Temperature (°C)	21.6
G393B	04/22/2008	10:30	0	Total Phosphorus (mg/L)	0.035
G353B	04/29/2008	12:05	0	Alkalinity (mg CaCO ₃ /L)	195
G353B	04/29/2008	12:05	0	Conductivity (µS/cm)	607.1
G353B	04/29/2008	12:05	0	Dissolved Oxygen (mg/L)	6.56
G353B	04/29/2008	12:05	0	pH	8
G353B	04/29/2008	12:05	0	Sulfate (mg/L)	16.2
G353B	04/29/2008	12:05	0	Temperature (°C)	26.8
G353B	04/29/2008	12:05	0	Total Phosphorus (mg/L)	0.046
G354C	04/29/2008	10:55	0	Alkalinity (mg CaCO ₃ /L)	154
G354C	04/29/2008	10:55	0	Conductivity (µS/cm)	472.7
G354C	04/29/2008	10:55	0	Dissolved Oxygen (mg/L)	2.89
G354C	04/29/2008	10:55	0	pH	7.7
G354C	04/29/2008	10:55	0	Sulfate (mg/L)	8
G354C	04/29/2008	10:55	0	Temperature (°C)	26.2
G354C	04/29/2008	10:55	0	Total Phosphorus (mg/L)	0.029
G354C	04/29/2008	11:00	24	Total Phosphorus (mg/L)	0.024
G393B	04/29/2008	10:30	0	Alkalinity (mg CaCO ₃ /L)	189
G393B	04/29/2008	10:30	0	Conductivity (µS/cm)	469.4
G393B	04/29/2008	10:30	0	Dissolved Oxygen (mg/L)	0.75
G393B	04/29/2008	10:30	0	pH	7.4
G393B	04/29/2008	10:30	0	Sulfate (mg/L)	12.9
G393B	04/29/2008	10:30	0	Temperature (°C)	24.2
G393B	04/29/2008	10:35	24	Total Phosphorus (mg/L)	0.058
G393B	04/29/2008	10:30	0	Total Phosphorus (mg/L)	0.041