

Appendix 3-2b: Summary Statistics of Non-ECP Water Quality Monitoring Data for Water Year 2004

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APPENDIX NOTES:

Summary statistics are tabulated in **Table 3** for all parameters collected during Water Year 2004 (WY2004) (May 1, 2003 through April 30, 2004) at the non-Everglades Construction Project (non-ECP) water quality monitoring sites. **Table 1** presents the water quality parameters associated with the summary statistics and their associated Florida Class III Fresh Surface Water Criteria [Section 62-302.530, Florida Administrative Code (F.A.C.)]. Additionally, the parameter summary statistics shown in **Table 3** are sequenced according to the order shown in **Table 1**. The monitoring sites are sequenced based on the order shown in **Table 2**. The non-ECP structure locations are depicted in Appendix 3-2, Figure 1.

Table 1. Class III criteria reference table for water quality parameters presented in summary statistics on **Table 3.**

Parameter Name	Abbreviated Parameter Name	Units	SFWMD Lab Number	Class III Criteria Predominantly Fresh Surface Waters Section 62-302.530, F.A.C.
PHYSICAL				
% Saturation, Dissolved Oxygen	% SAT. DO	percent	76	None
Dissolved Oxygen	DO	mg/L	8	Not be less than 5.0 mg/L
Specific Conductance (Field)	FLDCOND	µmhos/cm	9	Not greater than 50% above background or 1,275 µmhos/cm, whichever is greater
pH (Field)	PH	units	10	Not less than 6.0 or greater than 8.5
Turbidity	TURBIDITY	ntu	12	Less than or equal to 29 NTU above natural background
Total Suspended Solids	TSS	mg/L	16	None
Color	COLOR	units	13	None
Hardness	HARDNESS	mg/L as CaCO ₃	35	None
Temperature	TEMP	centigrade	7	None
Alkalinity	ALKALINITY	mg/L	67	Not less than 20 mg/L
NUTRIENTS				
Total Nitrogen	TN	mg N/L	80	narrative criteria
Nitrite + Nitrate	NOX	mg N/L	18;180	narrative criteria
Nitrite	NO2	mg N/L	19	narrative criteria
Nitrate	NO3	mg N/L	78	narrative criteria
Ammonium	NH4	mg N/L	182	narrative criteria
Un-ionized Ammonia	UN-IONIZED AMMONIA	mg/L as NH ₃	NONE	Less than or equal to 0.02 mg/L
Inorganic Nitrogen	NNH4	mg N/L	92	narrative criteria
Organic Nitrogen	ORGN	mg N/L	79	narrative criteria
Total Kjeldahl Nitrogen	TKN	mg N/L	21	narrative criteria
Ortho-Phosphorus	OPO4	mg P/L	23	narrative criteria
Total Phosphorus	TP	mg P/L	25	narrative criteria
MAJOR IONS				
Dissolved Calcium	DIS. CA	mg/L	30	None
Dissolved Potassium	DIS. K	mg/L	29	None
Dissolved Magnesium	DIS. MG	mg/L	31	None
Dissolved Sodium	DIS. NA	mg/L	28	None
Dissolved Silica	DIS. SILICA	mg/L	27	None
Total Sulfate	TOT. SO4	mg/L	33	None
Total Chlorides	TOT. CL	mg/L	32	None
TRACE ELEMENTS				
Total Arsenic	TOT. AS	µg/L	106	Less than or equal to 50 µg/L
Total Cadmium	TOT. CD	µg/L	103	Less than or equal to calculated value using: $e^{(0.7852[\ln(\text{Hardness})-3.49])}$ µg/L
Total Copper	TOT. CU	µg/L	104	Less than or equal to calculated value using: $e^{(0.8545[\ln(\text{Hardness})-1.702])}$ µg/L
Total Mercury	TOT. HG	µg/L	102	Less than or equal to .012 µg/L
Total Lead	TOT. PB	µg/L	107	Less than or equal to calculated value using: $e^{(1.273[\ln(\text{Hardness})-4.705])}$ µg/L
Total Zinc	TOT. ZN	µg/L	105	Less than or equal to calculated value using: $e^{(0.8473[\ln(\text{Hardness})+0.884])}$ µg/L
Total Iron	TOT. FE	mg/L	177	Less than or equal to 1.0 mg/L
BIOLOGICAL				
Carotenoid	CAROTENOID or CAROT	mg/m ³	63	None
Chlorophyll-A	CHLA	mg/m ³	61	None
Chlorophyll-A2	CHLA2	mg/m ³	112	None
Chlorophyll-B	CHLB	mg/m ³	62	None
Chlorophyll-C	CHLC	mg/m ³	113	None
Pheophytin-A	PHEOPHYTIN A	mg/m ³	64	None

Table 2. Reference table for cross-referencing water quality monitoring sites with non-Everglades Construction Project (non-ECP) discharge structures and the monitoring data summary statistics shown in **Table 3**.

STRUCTURE CATEGORY	Non-ECP PERMIT STRUCTURE	WATER QUALITY SAMPLING SITE	Comments
INTO	ACME1DS	ACME1DS	
	ACME1 + (upstream of ACME1DS)	VOW1	Autosampler installed upstream of pump station during WY2001
	G-94D	G94D	
	ACME2 + (upstream of G94D)	VOW2	Autosampler installed upstream of pump station during WY2001
	G-123	G123	Autosampler installed upstream of pump station during WY2001
	S-9	S9	Autosampler installed upstream of pump station during WY2000
	S-9A	S9A	Water quality data available in WY2003
	S-14	S14	
	S-18C	S18C	Autosampler installed upstream of pump station during WY2003
	S-140	S140	Autosampler installed upstream of pump station during WY2001
	S-175	S175	
	S-190	S190	Autosampler installed upstream of pump station during WY2001
	S-332	S332	
NSID1		NSIDSP01	Autosampler installed upstream of pump station during WY2002
		S38B	
WITHIN	G-64	G64	
	G-69	G69	
	G-71, S-346, S-347	S12D	
	S-10E	S10E	
	S-141	S34	
	S-142	S142	
	S-143	S11A	
	S-144	S144	
	S-145	S145	
	S-146	S146	
	S-151	S151	
	S-333	S333	
	S-339, S-340	C123SR84	
FROM	G-94A, G-94B, G-94C	G94B	
	S-31, S-337	S31	
	S-34	S34	
	S-38	S38	
	S-39	S39	
	S-197	S197	
	S-334	S334	
	S-343A, S-343B	US41-25	
	S-344	S344	
C-111 BASIN	S-174 +	S176	
	S-177 +	S177	
	S-178 +	S178	
	S-331 +, S-173 +	S331-173	
	S-332D	S-332D	The site is not a non-ECP structure; data are presented for information only

- Notes:
- 1) Water quality sample site is located on upstream side of permitted structure; unless otherwise noted with different representative sampling location.
 - 2) Structure names with a "+" are upstream of non-ECP INTO structures and are additional monitoring locations.

Table 3. Summary statistics of non-ECP water quality monitoring data (physical parameters, nutrients, major ions, and trace metals) collected during Water Year 2004 (WY2004) (May 1, 2003 through April 30, 2004).

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
ACME1DS	DO	mg/L	8	19MAY2003 - 13APR2004	14	5.591	1.484	2.500	4.440	5.410	6.420	7.840	0	5	35.71%
ACME1DS	FLDCOND.	UMHOS/CM	9	19MAY2003 - 13APR2004	14	762.571	172.606	450.000	622.000	770.000	892.000	1107.000	0	0	0.00%
ACME1DS	PH	UNITS	10	19MAY2003 - 13APR2004	14	7.634	0.251	7.290	7.360	7.660	7.870	8.030	0	0	0.00%
ACME1DS	TURBIDITY	NTU	12	19MAY2003 - 13APR2004	14	3.479	1.259	2.000	2.500	3.065	4.480	5.810	0	0	0.00%
ACME1DS	TSS	mg/L	16	19MAY2003 - 13APR2004	14	4.171	1.381	<3	3.000	4.000	4.500	7.400	3	0	0.00%
ACME1DS	COLOR	UNITS	13	19MAY2003 - 13APR2004	14	104.429	18.392	81.000	92.000	99.000	112.000	144.000	0	0	0.00%
ACME1DS	HARDNESS	mg/L CaCO3	35	28JUL2003 - 13APR2004	6	221.150	51.807	200.000	200.000	200.000	200.000	326.900	0	0	0.00%
ACME1DS	TEMP	CENT	7	19MAY2003 - 13APR2004	14	26.162	4.390	17.300	22.500	28.150	29.630	30.580	0	0	0.00%
ACME1DS	ALKALINITY	mg/L	67	19MAY2003 - 13APR2004	14	200.841	34.663	126.000	180.000	200.500	217.160	264.260	0	0	0.00%
ACME1DS	TN	mg N/L	80	19MAY2003 - 13APR2004	14	1.799	0.289	1.235	1.631	1.856	1.954	2.309	0	0	0.00%
ACME1DS	NOX	mg N/L	18,180	19MAY2003 - 13APR2004	14	0.045	0.046	<0.004	0.005	0.038	0.090	0.143	1	0	0.00%
ACME1DS	NO2	mg N/L	19	19MAY2003 - 13APR2004	14	0.008	0.006	<0.004	0.005	0.006	0.011	0.026	2	0	0.00%
ACME1DS	NO3	mg N/L	78	19MAY2003 - 13APR2004	14	0.038	0.039	<0.004	<0.004	0.031	0.077	0.117	4	0	0.00%
ACME1DS	NH4	mg N/L	20	19MAY2003 - 13APR2004	14	0.061	0.083	<0.009	<0.009	0.015	0.082	0.263	4	0	0.00%
ACME1DS	<small>UN-IONIZED AMMONIA</small> mg/L	NONE		19MAY2003 - 13APR2004	14	0.001662	0.0018	0.000101	0.00042	0.000778	0.0023	0.005419	0	0	0.00%
ACME1DS	NNH4	mg N/L	92	19MAY2003 - 13APR2004	14	0.104	0.119	<0.009	0.015	0.070	0.124	0.406	1	0	0.00%
ACME1DS	ORGN	mg N/L	79	19MAY2003 - 13APR2004	14	1.696	0.265	1.230	1.540	1.724	1.820	2.279	0	0	0.00%
ACME1DS	TKN	mg N/L	21	19MAY2003 - 13APR2004	14	1.754	0.284	1.230	1.540	1.810	1.920	2.300	0	0	0.00%
ACME1DS	OPO4	mg P/L	23	19MAY2003 - 13APR2004	14	0.008	0.004	0.005	0.006	0.008	0.009	0.019	0	0	0.00%
ACME1DS	TP	mg P/L	25	19MAY2003 - 13APR2004	14	0.046	0.018	0.027	0.033	0.039	0.051	0.084	0	0	0.00%
ACME1DS	DIS. CA	mg/L	30	28JUL2003 - 13APR2004	6	67.885	11.397	58.400	59.500	62.500	79.500	84.909	0	0	0.00%
ACME1DS	DIS. K	mg/L	29	28JUL2003 - 13APR2004	4	7.357	1.863	4.900	6.200	7.550	8.515	9.429	0	0	0.00%
ACME1DS	DIS. MG	mg/L	31	28JUL2003 - 13APR2004	6	16.277	7.238	7.760	10.600	16.150	19.100	27.903	0	0	0.00%
ACME1DS	DIS. NA	mg/L	28	28JUL2003 - 13APR2004	4	79.435	22.976	50.700	63.050	80.550	95.820	105.939	0	0	0.00%
ACME1DS	TOT. CL	mg/L	32	19MAY2003 - 13APR2004	14	104.111	28.746	58.600	76.500	101.350	126.000	153.820	0	0	0.00%
ACME1DS	TOT. SO4	mg/L	33	28JUL2003 - 13APR2004	4	38.545	23.754	11.400	21.400	37.250	55.690	68.280	0	0	0.00%
ACME1DS	DIS. SILICA	mg/L	27	28JUL2003 - 13APR2004	4	15.784	10.031	4.490	7.395	16.572	24.172	25.500	0	0	0.00%
ACME1DS	TOT. FE	mg/L	177	28JUL2003 - 13APR2004	4	0.091	0.028	0.066	0.069	0.086	0.114	0.126	0	0	0.00%
ACME1DS	TOT. CD	ug/L	103	13AUG2003 - 19FEB2004	2	0.405	0.148	<0.3	<0.3	0.105	0.509	0.509	1	0	0.00%
ACME1DS	TOT. CU	ug/L	104	13AUG2003 - 19FEB2004	2	6.165	2.878	4.130	4.130	6.165	8.200	8.200	0	0	0.00%
ACME1DS	TOT. MTHY HG	ng/L	203	21MAY2003 - 19FEB2004	4	0.287	0.302	0.066	0.098	0.175	0.475	0.730	0	0	0.00%
ACME1DS	TOT. ZN	ug/L	105	13AUG2003 - 19FEB2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW1	DO	mg/L	8	27MAY2003 - 26FEB2004	16	4.756	1.088	2.900	3.950	4.750	5.650	6.400	0	9	56.25%
VOW1	FLDCOND.	UMHOS/CM	9	27MAY2003 - 26FEB2004	16	801.250	174.882	458.000	684.500	790.000	973.000	1067.000	0	0	0.00%
VOW1	LABCOND.	UMHOS/CM	14	27MAY2003 - 26FEB2004	15	824.133	154.245	549.000	690.000	800.000	981.000	1067.000	0	0	0.00%
VOW1	PH	UNITS	10	27MAY2003 - 26FEB2004	16	7.381	0.295	7.000	7.100	7.400	7.600	8.000	0	0	0.00%
VOW1	TEMP	CENT	7	27MAY2003 - 26FEB2004	16	26.781	4.141	18.900	24.550	28.350	29.500	31.400	0	0	0.00%
VOW1	TN	mg N/L	80	11DEC2003 - 26FEB2004	4	2.267	0.317	1.910	2.002	2.293	2.533	2.572	0	0	0.00%
VOW1	NOX	mg N/L	18,180	11DEC2003 - 26FEB2004	4	0.092	0.016	0.072	0.083	0.093	0.102	0.110	0	0	0.00%
VOW1	NO2	mg N/L	19	11DEC2003 - 26FEB2004	4	0.017	0.000	<0.017	<0.017	<0.017	<0.017	<0.017	4	0	0.00%
VOW1	NO3	mg N/L	78	11DEC2003 - 26FEB2004	4	0.092	0.016	0.072	0.083	0.093	0.102	0.110	0	0	0.00%
VOW1	TKN	mg N/L	21	11DEC2003 - 26FEB2004	4	2.175	0.330	1.800	1.900	2.200	2.450	2.500	0	0	0.00%
VOW1	TP	mg P/L	25	27MAY2003 - 26FEB2004	14	0.078	0.047	0.034	0.057	0.064	0.084	0.220	0	0	0.00%
VOW1	TOT. CL	mg/L	32	11DEC2003 - 26FEB2004	4	140.000	8.165	130.000	135.000	140.000	145.000	150.000	0	0	0.00%
VOW1Auto	DO	mg/L	8	19DEC2003 - 17FEB2004	3	1.700	2.944	0.000	0.000	0.000	5.100	5.100	0	2	66.67%
VOW1Auto	FLDCOND.	UMHOS/CM	9	19DEC2003 - 31DEC2003	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
VOW1Auto	LABCOND.	UMHOS/CM	14	17FEB2004 - 17FEB2004	1	1098.000		1098.000	1098.000	1098.000	#####	1098.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
VOW1Autd	PH	UNITS	10	19DEC2003 - 17FEB2004	3	2.566667	4.4456	0	0	0	7.7	7.7	0	2	66.67%
VOW1Autd	TEMP	CENT	7	19DEC2003 - 17FEB2004	3	7.367	12.759	0.000	0.000	0.000	22.100	22.100	0	0	0.00%
VOW1Autd	TN	mg N/L	80	17FEB2004 - 17FEB2004	1	2.200		2.200	2.200	2.200	2.200	2.200	0	0	0.00%
VOW1Autd	NOX	mg N/L	18,180	17FEB2004 - 17FEB2004	1	0.100		0.100	0.100	0.100	0.100	0.100	0	0	0.00%
VOW1Autd	NO2	mg N/L	19	17FEB2004 - 17FEB2004	1	0.016		<0.016	<0.016	<0.016	<0.016	<0.016	1	0	0.00%
VOW1Autd	NO3	mg N/L	78	17FEB2004 - 17FEB2004	1	0.100		0.100	0.100	0.100	0.100	0.100	0	0	0.00%
VOW1Autd	TKN	mg N/L	21	17FEB2004 - 17FEB2004	1	2.100		2.100	2.100	2.100	2.100	2.100	0	0	0.00%
VOW1Autd	TP	mg P/L	25	01MAY2003 - 04MAR2004	25	0.071	0.022	0.034	0.058	0.072	0.078	0.130	0	0	0.00%
VOW1Autd	TOT. CL	mg/L	32	17FEB2004 - 17FEB2004	1	160.000		160.000	160.000	160.000	160.000	160.000	0	0	0.00%
G94D	DO	mg/L	8	19MAY2003 - 13APR2004	14	5.290	1.682	2.390	4.130	5.575	6.510	8.010	0	6	42.86%
G94D	FLDCOND.	UMHOS/CM	9	19MAY2003 - 13APR2004	14	648.071	140.514	491.000	526.000	608.500	777.000	911.000	0	0	0.00%
G94D	PH	UNITS	10	19MAY2003 - 13APR2004	14	7.521	0.266	7.130	7.270	7.545	7.710	8.010	0	0	0.00%
G94D	TURBIDITY	NTU	12	19MAY2003 - 13APR2004	14	3.625	1.259	2.100	2.800	3.380	4.100	6.760	0	0	0.00%
G94D	TSS	mg/L	16	19MAY2003 - 13APR2004	14	4.907	1.810	<3	3.100	4.450	6.000	9.100	2	0	0.00%
G94D	COLOR	UNITS	13	19MAY2003 - 13APR2004	14	98.714	18.231	78.000	87.000	95.500	100.000	142.000	0	0	0.00%
G94D	HARDNESS	mg/L CACO3	35	14JUL2003 - 13APR2004	6	210.333	25.311	200.000	200.000	200.000	200.000	262.000	0	0	0.00%
G94D	TEMP	CENT	7	19MAY2003 - 13APR2004	14	25.809	4.795	16.300	23.400	26.900	29.500	31.610	0	0	0.00%
G94D	ALKALINITY	mg/L	67	19MAY2003 - 13APR2004	14	189.244	22.163	137.000	181.000	185.500	204.000	219.340	0	0	0.00%
G94D	TN	mg N/L	80	19MAY2003 - 13APR2004	14	1.732	0.218	1.356	1.520	1.768	1.919	2.024	0	0	0.00%
G94D	NOX	mg N/L	18,180	19MAY2003 - 13APR2004	13	0.096	0.118	<0.004	0.012	0.058	0.175	0.409	1	0	0.00%
G94D	NO2	mg N/L	19	19MAY2003 - 13APR2004	14	0.014	0.015	<0.004	0.004	0.006	0.016	0.050	2	0	0.00%
G94D	NO3	mg N/L	78	19MAY2003 - 13APR2004	13	0.082	0.103	<0.004	0.007	0.052	0.150	0.359	1	0	0.00%
G94D	NH4	mg N/L	20	19MAY2003 - 13APR2004	14	0.057	0.060	<0.009	0.009	0.043	0.076	0.204	1	0	0.00%
G94D	UN-IONIZED AMMONIA	mg/L	NONE	19MAY2003 - 13APR2004	14	0.00108	0.00072	0.000149	0.00045	0.0011643	0.0015	0.002273	0	0	0.00%
G94D	NNH4	mg N/L	92	19MAY2003 - 13APR2004	13	0.155	0.163	0.006	0.023	0.100	0.249	0.563	0	0	0.00%
G94D	ORGN	mg N/L	79	19MAY2003 - 13APR2004	14	1.587	0.255	1.196	1.350	1.563	1.821	1.985	0	0	0.00%
G94D	TKN	mg N/L	21	19MAY2003 - 13APR2004	14	1.643	0.226	1.350	1.420	1.590	1.830	2.010	0	0	0.00%
G94D	OPO4	mg P/L	23	19MAY2003 - 13APR2004	14	0.017	0.012	0.005	0.008	0.011	0.031	0.038	0	0	0.00%
G94D	TP	mg P/L	25	19MAY2003 - 13APR2004	14	0.067	0.030	0.030	0.044	0.052	0.096	0.130	0	0	0.00%
G94D	DIS. CA	mg/L	30	14JUL2003 - 13APR2004	6	65.346	9.939	52.200	55.700	67.400	72.477	76.900	0	0	0.00%
G94D	DIS. K	mg/L	29	14JUL2003 - 13APR2004	4	6.239	1.359	4.200	5.550	6.900	6.927	6.954	0	0	0.00%
G94D	DIS. MG	mg/L	31	14JUL2003 - 13APR2004	6	13.434	5.667	4.610	10.600	14.050	17.600	19.694	0	0	0.00%
G94D	DIS. NA	mg/L	28	14JUL2003 - 13APR2004	4	68.699	15.866	46.100	57.750	73.800	79.648	81.096	0	0	0.00%
G94D	TOT. CL	mg/L	32	19MAY2003 - 13APR2004	14	74.978	30.658	36.300	41.900	69.400	97.200	130.600	0	0	0.00%
G94D	TOT. SO4	mg/L	33	14JUL2003 - 13APR2004	4	27.980	14.452	8.300	17.250	31.600	38.710	40.420	0	0	0.00%
G94D	DIS. SILICA	mg/L	27	14JUL2003 - 13APR2004	4	13.846	8.609	4.600	6.735	13.741	20.956	23.300	0	0	0.00%
G94D	TOT. FE	mg/L	177	14JUL2003 - 13APR2004	4	0.148	0.024	0.120	0.133	0.146	0.163	0.179	0	0	0.00%
G94D	TOT. CD	ug/L	103	13AUG2003 - 19FEB2004	2	0.467	0.235	<0.3	<0.3	0.167	0.633	0.633	1	0	0.00%
G94D	TOT. CU	ug/L	104	13AUG2003 - 19FEB2004	2	5.040	0.198	4.900	4.900	5.040	5.180	5.180	0	0	0.00%
G94D	TOT. MTHY HG	ng/L	203	21MAY2003 - 19FEB2004	4	0.227	0.138	0.077	0.124	0.215	0.330	0.400	0	0	0.00%
G94D	TOT. ZN	ug/L	105	13AUG2003 - 19FEB2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW2	DO	mg/L	8	27MAY2003 - 26FEB2004	16	4.938	1.530	2.100	3.650	4.950	6.100	7.800	0	8	50.00%
VOW2	FLDCOND.	UMHOS/CM	9	27MAY2003 - 26FEB2004	16	576.250	91.382	437.000	508.000	570.500	629.500	791.000	0	0	0.00%
VOW2	LABCOND.	UMHOS/CM	14	27MAY2003 - 26FEB2004	15	585.533	86.427	476.000	532.000	580.000	656.000	791.000	0	0	0.00%
VOW2	PH	UNITS	10	27MAY2003 - 26FEB2004	16	7.34375	0.31405	7	7.1	7.3	7.5	8	0	0	0.00%
VOW2	TEMP	CENT	7	27MAY2003 - 26FEB2004	16	27.088	4.328	18.800	24.700	28.750	29.700	32.200	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
VOW2	TN	mg N/L	80	11DEC2003 - 26FEB2004	4	1.584	0.140	1.410	1.493	1.588	1.676	1.752	0	0	0.00%
VOW2	NOX	mg N/L	18;180	11DEC2003 - 26FEB2004	4	0.064	0.039	<0.017	0.018	0.064	0.093	0.110	1	0	0.00%
VOW2	NO2	mg N/L	19	11DEC2003 - 26FEB2004	4	0.017	0.000	<0.017	<0.017	<0.017	<0.017	<0.017	4	0	0.00%
VOW2	NO3	mg N/L	78	11DEC2003 - 26FEB2004	4	0.064	0.039	<0.017	0.018	0.064	0.093	0.110	1	0	0.00%
VOW2	TKN	mg N/L	21	11DEC2003 - 26FEB2004	4	1.525	0.171	1.300	1.400	1.550	1.650	1.700	0	0	0.00%
VOW2	TP	mg P/L	25	27MAY2003 - 26FEB2004	14	0.094	0.042	0.040	0.069	0.080	0.150	0.160	0	0	0.00%
VOW2	TOT. CL	mg/L	32	11DEC2003 - 26FEB2004	4	65.000	6.377	60.000	60.500	63.000	69.500	74.000	0	0	0.00%
VOW2Auto	DO	mg/L	8	19DEC2003 - 17FEB2004	3	1.667	2.887	0.000	0.000	0.000	5.000	5.000	0	2	66.67%
VOW2Auto	FLDCOND.	UMHOS/CM	9	19DEC2003 - 31DEC2003	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
VOW2Auto	LABCOND.	UMHOS/CM	14	17FEB2004 - 17FEB2004	1	671.000		671.000	671.000	671.000	671.000	671.000	0	0	0.00%
VOW2Auto	PH	UNITS	10	19DEC2003 - 17FEB2004	3	2.500	4.330	0.000	0.000	0.000	7.500	7.500	0	2	66.67%
VOW2Auto	TEMP	CENT	7	19DEC2003 - 17FEB2004	3	7.467	12.933	0.000	0.000	0.000	22.400	22.400	0	0	0.00%
VOW2Auto	TN	mg N/L	80	17FEB2004 - 17FEB2004	1	1.100		1.100	1.100	1.100	1.100	1.100	0	0	0.00%
VOW2Auto	NOX	mg N/L	18;180	17FEB2004 - 17FEB2004	1	0.016		<0.016	<0.016	<0.016	<0.016	<0.016	1	0	0.00%
VOW2Auto	NO2	mg N/L	19	17FEB2004 - 17FEB2004	1	0.016		<0.016	<0.016	<0.016	<0.016	<0.016	1	0	0.00%
VOW2Auto	NO3	mg N/L	78	17FEB2004 - 17FEB2004	1	0.016		<0.016	<0.016	<0.016	<0.016	<0.016	1	0	0.00%
VOW2Auto	TKN	mg N/L	21	17FEB2004 - 17FEB2004	1	1.100		1.100	1.100	1.100	1.100	1.100	0	0	0.00%
VOW2Auto	TP	mg P/L	25	01MAY2003 - 04MAR2004	24	0.092	0.024	0.050	0.070	0.096	0.105	0.140	0	0	0.00%
VOW2Auto	TOT. CL	mg/L	32	17FEB2004 - 17FEB2004	1	66.000		66.000	66.000	66.000	66.000	66.000	0	0	0.00%
G123	DO	mg/L	8	06MAY2003 - 27APR2004	51	4.145	1.657	1.030	2.910	3.830	5.190	7.690	0	36	70.59%
G123	FLDCOND.	UMHOS/CM	9	06MAY2003 - 27APR2004	52	828.827	119.384	570.000	749.000	844.500	915.000	1053.000	0	0	0.00%
G123	PH	UNITS	10	06MAY2003 - 27APR2004	52	7.403	0.173	6.930	7.290	7.415	7.490	7.780	0	0	0.00%
G123	TURBIDITY	NTU	12	27MAY2003 - 27APR2004	12	1.594	0.890	0.814	0.973	1.300	1.900	4.000	0	0	0.00%
G123	TSS	mg/L	16	27MAY2003 - 27APR2004	12	3.000	0.000	<3	<3	<3	<3	<3	12	0	0.00%
G123	COLOR	UNITS	13	27MAY2003 - 27APR2004	12	68.250	15.755	50.000	56.500	63.500	76.500	98.000	0	0	0.00%
G123	HARDNESS	mg/L CaCO3	35	22JUL2003 - 17FEB2004	5	248.240	50.155	200.000	200.000	241.200	300.000	300.000	0	0	0.00%
G123	TEMP	CENT	7	06MAY2003 - 27APR2004	52	24.940	4.438	14.200	20.800	25.860	29.350	30.220	0	0	0.00%
G123	ALKALINITY	mg/L	67	27MAY2003 - 27APR2004	12	234.588	30.080	199.000	211.575	229.000	247.000	301.560	0	0	0.00%
G123	TN	mg N/L	80	27MAY2003 - 27APR2004	12	1.673	0.356	1.319	1.482	1.573	1.720	2.675	0	0	0.00%
G123	NOX	mg N/L	18;180	27MAY2003 - 27APR2004	12	0.120	0.240	0.011	0.021	0.030	0.118	0.865	0	0	0.00%
G123	NO2	mg N/L	19	27MAY2003 - 27APR2004	12	0.006	0.003	<0.004	0.000	0.005	0.009	0.012	3	0	0.00%
G123	NO3	mg N/L	78	27MAY2003 - 27APR2004	11	0.047	0.048	0.009	0.016	0.026	0.086	0.141	0	0	0.00%
G123	NH4	mg N/L	20	27MAY2003 - 27APR2004	12	0.099	0.088	0.034	0.038	0.065	0.133	0.325	0	0	0.00%
G123	UNIONIZED AMMONIA	mg/L	NONE	06MAY2003 - 27APR2004	12	0.001758	0.0015	0.000212	0.00071	0.0011931	0.0025	0.005015	0	0	0.00%
G123	NNH4	mg N/L	92	27MAY2003 - 27APR2004	12	0.219	0.253	0.056	0.066	0.089	0.305	0.940	0	0	0.00%
G123	ORGN	mg N/L	79	27MAY2003 - 27APR2004	12	1.454	0.193	1.125	1.323	1.416	1.627	1.735	0	0	0.00%
G123	TKN	mg N/L	21	27MAY2003 - 27APR2004	12	1.553	0.166	1.280	1.455	1.470	1.690	1.820	0	0	0.00%
G123	OPO4	mg P/L	23	27MAY2003 - 27APR2004	12	0.007	0.004	<0.004	0.005	0.006	0.006	0.020	1	0	0.00%
G123	TP	mg P/L	25	06MAY2003 - 27APR2004	48	0.020	0.007	0.007	0.016	0.020	0.026	0.042	0	0	0.00%
G123	DIS. CA	mg/L	30	22JUL2003 - 17FEB2004	5	66.721	7.371	59.500	61.506	65.500	68.900	78.200	0	0	0.00%
G123	DIS. K	mg/L	29	22JUL2003 - 20JAN2004	3	5.275	1.405	3.700	3.700	5.726	6.400	6.400	0	0	0.00%
G123	DIS. MG	mg/L	31	22JUL2003 - 17FEB2004	5	20.479	4.096	14.700	18.200	21.293	23.200	25.000	0	0	0.00%
G123	DIS. NA	mg/L	28	22JUL2003 - 20JAN2004	3	73.766	20.157	53.300	53.300	74.398	93.600	93.600	0	0	0.00%
G123	TOT. CL	mg/L	32	27MAY2003 - 27APR2004	12	100.988	20.895	69.400	85.650	98.495	107.905	139.000	0	0	0.00%
G123	TOT. SO4	mg/L	33	22JUL2003 - 20JAN2004	3	29.097	9.082	20.800	20.800	27.690	38.800	38.800	0	0	0.00%
G123	DIS. SILICA	mg/L	27	22JUL2003 - 20JAN2004	3	15.154	2.408	12.400	12.400	16.200	16.861	16.861	0	0	0.00%
G123	TOT. FE	mg/L	177	22JUL2003 - 20JAN2004	3	0.044	0.008	0.035	0.035	0.044	0.052	0.052	0	0	0.00%
G123	TOT. CD	ug/L	103	11AUG2003 - 17FEB2004	2	0.375	0.105	<0.3	<0.3	0.075	0.449	0.449	1	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
G123	TOT. CU	ug/L	104	11AUG2003 - 17FEB2004	2	5.390	1.824	4.100	4.100	5.390	6.680	6.680	0	0	0.00%
G123	TOT. MTHY HG	ng/L	203	19MAY2003 - 17FEB2004	4	0.178	0.060	0.120	0.135	0.165	0.220	0.260	0	0	0.00%
G123	TOT. ZN	ug/L	105	11AUG2003 - 17FEB2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
G123Auto	TP	mg P/L	25	06MAY2003 - 27APR2004	43	0.020	0.006	0.008	0.015	0.018	0.024	0.039	0	0	0.00%
S9	DO	mg/L	8	13MAY2003 - 27APR2004	48	2.899	1.530	0.580	1.390	2.765	4.085	6.480	0	43	89.58%
S9	FLDCOND.	UMHOS/CM	9	06MAY2003 - 27APR2004	53	721.264	46.295	614.000	691.000	738.000	756.000	783.000	0	0	0.00%
S9	PH	UNITS	10	06MAY2003 - 27APR2004	53	7.225	0.152	6.710	7.160	7.230	7.290	7.580	0	0	0.00%
S9	TURBIDITY	NTU	12	27MAY2003 - 27APR2004	14	3.706	1.110	2.100	2.800	3.695	4.200	6.400	0	0	0.00%
S9	TSS	mg/L	16	27MAY2003 - 27APR2004	14	3.379	1.063	<3	<3	<3	3.200	7.000	10	0	0.00%
S9	COLOR	UNITS	13	27MAY2003 - 27APR2004	14	44.714	4.730	38.000	41.000	44.500	49.000	51.000	0	0	0.00%
S9	HARDNESS	mg/L CaCO3	35	22JUL2003 - 17FEB2004	5	268.800	45.466	200.000	244.000	300.000	300.000	300.000	0	0	0.00%
S9	TEMP	CENT	7	06MAY2003 - 27APR2004	53	25.99849	2.54611	21.1	24	26.5	28.4	30.35	0	0	0.00%
S9	ALKALINITY	mg/L	67	27MAY2003 - 27APR2004	14	248.279	20.531	214.800	232.000	251.830	266.000	275.000	0	0	0.00%
S9	TN	mg N/L	80	27MAY2003 - 27APR2004	14	1.410	0.118	1.246	1.300	1.438	1.468	1.617	0	0	0.00%
S9	NOX	mg N/L	18;180	27MAY2003 - 27APR2004	12	0.085	0.078	0.004	0.030	0.052	0.126	0.257	0	0	0.00%
S9	NO2	mg N/L	19	27MAY2003 - 27APR2004	14	0.009	0.006	<0.004	<0.004	0.006	0.011	0.020	4	0	0.00%
S9	NO3	mg N/L	78	27MAY2003 - 27APR2004	11	0.076	0.075	0.004	0.029	0.041	0.115	0.237	0	0	0.00%
S9	NH4	mg N/L	20	27MAY2003 - 27APR2004	14	0.340	0.135	0.169	0.216	0.317	0.424	0.572	0	0	0.00%
S9	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2003 - 27APR2004	14	0.005	0.001	0.002	0.004	0.005	0.005	0.007	0	0	0.00%
S9	NNH4	mg N/L	92	27MAY2003 - 27APR2004	12	0.399	0.134	0.198	0.268	0.426	0.495	0.591	0	0	0.00%
S9	ORGN	mg N/L	79	27MAY2003 - 27APR2004	14	0.997	0.040	0.928	0.964	0.997	1.021	1.063	0	0	0.00%
S9	TKN	mg N/L	21	27MAY2003 - 27APR2004	14	1.337	0.123	1.190	1.230	1.290	1.440	1.580	0	0	0.00%
S9	OPO4	mg P/L	23	27MAY2003 - 27APR2004	14	0.005	0.001	<0.004	<0.004	0.000	0.005	0.009	7	0	0.00%
S9	TP	mg P/L	25	06MAY2003 - 27APR2004	51	0.015	0.005	0.008	0.011	0.014	0.017	0.029	0	0	0.00%
S9	DIS. CA	mg/L	30	22JUL2003 - 17FEB2004	5	79.169	5.932	70.300	75.746	83.200	83.300	83.300	0	0	0.00%
S9	DIS. K	mg/L	29	22JUL2003 - 20JAN2004	3	3.188	0.219	2.963	2.963	3.200	3.400	3.400	0	0	0.00%
S9	DIS. MG	mg/L	31	22JUL2003 - 17FEB2004	5	13.824	2.300	10.000	13.320	15.100	15.300	15.400	0	0	0.00%
S9	DIS. NA	mg/L	28	22JUL2003 - 20JAN2004	3	49.480	1.404	48.639	48.639	48.700	51.100	51.100	0	0	0.00%
S9	TOT. CL	mg/L	32	27MAY2003 - 27APR2004	14	67.788	7.547	54.560	63.400	67.640	74.900	77.700	0	0	0.00%
S9	TOT. SO4	mg/L	33	22JUL2003 - 20JAN2004	3	1.500	0.656	0.800	0.800	1.600	2.100	2.100	0	0	0.00%
S9	DIS. SILICA	mg/L	27	22JUL2003 - 20JAN2004	3	12.352	1.066	11.156	11.156	12.700	13.200	13.200	0	0	0.00%
S9	TOT. FE	mg/L	177	22JUL2003 - 20JAN2004	3	0.513	0.095	0.404	0.404	0.555	0.579	0.579	0	0	0.00%
S9	TOT. CD	ug/L	103	11AUG2003 - 17FEB2004	2	0.425	0.177	<0.3	<0.3	0.125	0.550	0.550	1	0	0.00%
S9	TOT. CU	ug/L	104	11AUG2003 - 17FEB2004	2	4.705	0.856	4.100	4.100	4.705	5.310	5.310	0	0	0.00%
S9	TOT. MTHY HG	ng/L	203	19MAY2003 - 17FEB2004	4	0.053	0.025	0.026	0.034	0.051	0.073	0.085	0	0	0.00%
S9	TOT. ZN	ug/L	105	11AUG2003 - 17FEB2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S9Auto	TN	mg N/L	80	13MAY2003 - 10FEB2004	27	1.378	0.089	1.247	1.300	1.354	1.447	1.599	0	0	0.00%
S9Auto	NOX	mg N/L	18;180	13MAY2003 - 10FEB2004	26	0.105	0.061	0.027	0.055	0.101	0.147	0.289	0	0	0.00%
S9Auto	NH4	mg N/L	20	13MAY2003 - 10FEB2004	26	0.271	0.076	0.141	0.215	0.264	0.313	0.440	0	0	0.00%
S9Auto	NNH4	mg N/L	92	13MAY2003 - 10FEB2004	26	0.376	0.093	0.196	0.327	0.359	0.454	0.569	0	0	0.00%
S9Auto	ORGN	mg N/L	79	13MAY2003 - 10FEB2004	26	1.005	0.052	0.932	0.970	0.991	1.045	1.131	0	0	0.00%
S9Auto	TKN	mg N/L	21	13MAY2003 - 10FEB2004	27	1.277	0.082	1.140	1.190	1.290	1.310	1.440	0	0	0.00%
S9Auto	TP	mg P/L	25	13MAY2003 - 10FEB2004	25	0.018	0.005	0.009	0.014	0.017	0.021	0.028	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S9A	DO	mg/L	8	13MAY2003 - 27APR2004	48	2.928	1.813	0.270	1.480	2.990	3.845	9.800	0	44	91.67%
S9A	FLDCOND.	UMHOS/CM	9	06MAY2003 - 27APR2004	53	725.960	45.661	627.000	698.000	745.000	761.000	806.000	0	0	0.00%
S9A	PH	UNITS	10	06MAY2003 - 27APR2004	53	7.210	0.143	6.750	7.150	7.210	7.290	7.620	0	0	0.00%
S9A	TURBIDITY	NTU	12	13MAY2003 - 27APR2004	17	2.555	1.064	0.527	1.900	2.800	3.200	4.000	0	0	0.00%
S9A	TEMP	CENT	7	06MAY2003 - 27APR2004	53	25.981	2.458	21.100	23.800	26.000	28.370	30.190	0	0	0.00%
S9A	ALKALINITY	mg/L	67	22JUL2003 - 13APR2004	4	265.953	8.136	253.810	261.405	269.500	270.500	271.000	0	0	0.00%
S9A	TN	mg N/L	80	13MAY2003 - 27APR2004	18	1.445	0.095	1.267	1.377	1.456	1.510	1.570	0	0	0.00%
S9A	NOX	mg N/L	18;180	13MAY2003 - 27APR2004	16	0.034	0.041	<0.004	0.010	0.021	0.042	0.171	1	0	0.00%
S9A	NO2	mg N/L	19	13MAY2003 - 27APR2004	17	0.005	0.003	<0.004	<0.004	0.004	0.005	0.017	7	0	0.00%
S9A	NO3	mg N/L	78	13MAY2003 - 27APR2004	15	0.028	0.037	<0.004	0.008	0.018	0.033	0.154	2	0	0.00%
S9A	NH4	mg N/L	20	13MAY2003 - 27APR2004	18	0.415	0.143	0.215	0.246	0.418	0.559	0.611	0	0	0.00%
S9A	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2003 - 27APR2004	18	0.005	0.002	0.002	0.004	0.005	0.006	0.008	0	0	0.00%
S9A	NNH4	mg N/L	92	13MAY2003 - 27APR2004	16	0.439	0.133	0.258	0.281	0.454	0.556	0.619	0	0	0.00%
S9A	ORGN	mg N/L	79	13MAY2003 - 27APR2004	18	1.001	0.062	0.914	0.958	0.984	1.031	1.165	0	0	0.00%
S9A	TKN	mg N/L	21	13MAY2003 - 27APR2004	18	1.415	0.116	1.230	1.300	1.440	1.510	1.570	0	0	0.00%
S9A	OPO4	mg P/L	23	13MAY2003 - 27APR2004	17	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.007	13	0	0.00%
S9A	TP	mg P/L	25	06MAY2003 - 27APR2004	51	0.014	0.005	0.007	0.011	0.013	0.016	0.028	0	0	0.00%
S9A	TOT. CL	mg/L	32	22JUL2003 - 13APR2004	4	73.455	4.034	67.920	70.510	74.450	76.400	77.000	0	0	0.00%
S9A	TP	mg P/L	25	01JUL2003 - 10FEB2004	29	0.013207	0.00609	0.009	0.009	0.011	0.014	0.034	0	0	0.00%
S14	HARDNESS	mg/L CaCO3	35	16JUL2003 - 28JAN2004	2	112.200	17.253	100.000	100.000	112.200	124.400	124.400	0	0	0.00%
S14	DIS. CA	mg/L	30	16JUL2003 - 28JAN2004	2	44.375	3.713	41.749	41.749	44.375	47.000	47.000	0	0	0.00%
S14	DIS. MG	mg/L	31	16JUL2003 - 28JAN2004	2	3.501	1.981	2.100	2.100	3.501	4.901	4.901	0	0	0.00%
S14	TOT. CD	ug/L	103	16JUL2003 - 28JAN2004	2	0.486	0.263	0.300	0.300	0.486	0.672	0.672	0	0	0.00%
S14	TOT. CU	ug/L	104	16JUL2003 - 28JAN2004	2	1.508	0.436	<1.2	<1.2	0.308	1.816	1.816	1	0	0.00%
S14	TOT. MTHY HG	ng/L	203	16JUL2003 - 28APR2004	4	0.132	0.106	0.066	0.070	0.086	0.194	0.290	0	0	0.00%
S14	TOT. ZN	ug/L	105	16JUL2003 - 28JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S18C	DO	mg/L	8	06MAY2003 - 28APR2004	51	4.355	2.456	1.350	2.330	3.490	7.420	9.060	0	35	68.63%
S18C	FLDCOND.	UMHOS/CM	9	01MAY2003 - 28APR2004	43	502.133	11.922	477.000	493.000	504.000	509.000	525.000	0	0	0.00%
S18C	PH	UNITS	10	01MAY2003 - 28APR2004	52	7.491	0.302	7.010	7.245	7.445	7.800	8.070	0	0	0.00%
S18C	TURBIDITY	NTU	12	06MAY2003 - 21APR2004	21	1.524	0.468	0.800	1.200	1.500	1.800	2.400	0	0	0.00%
S18C	TSS	mg/L	16	06MAY2003 - 21APR2004	21	3.000	0.000	<3	<3	<3	<3	<3	21	0	0.00%
S18C	COLOR	UNITS	13	06MAY2003 - 21APR2004	21	9.952	2.179	5.000	9.000	10.000	12.000	13.000	0	0	0.00%
S18C	HARDNESS	mg/L CaCO3	35	06MAY2003 - 21APR2004	23	203.048	5.471	200.000	200.000	200.000	207.700	216.200	0	0	0.00%
S18C	TEMP	CENT	7	01MAY2003 - 28APR2004	53	25.146	2.253	20.000	23.100	25.800	26.600	29.000	0	0	0.00%
S18C	ALKALINITY	mg/L	67	06MAY2003 - 21APR2004	21	196.006	7.330	174.000	194.000	197.250	202.000	205.290	0	0	0.00%
S18C	TN	mg N/L	80	06MAY2003 - 21APR2004	21	0.508	0.043	0.400	0.497	0.504	0.533	0.583	0	0	0.00%
S18C	NOX	mg N/L	18;180	06MAY2003 - 21APR2004	20	0.069	0.029	0.023	0.047	0.072	0.083	0.140	0	0	0.00%
S18C	NO2	mg N/L	19	06MAY2003 - 21APR2004	21	0.005	0.001	<0.004	<0.004	0.004	0.006	0.007	7	0	0.00%
S18C	NO3	mg N/L	78	06MAY2003 - 21APR2004	20	0.066	0.027	0.023	0.044	0.069	0.078	0.134	0	0	0.00%
S18C	NH4	mg N/L	20	06MAY2003 - 21APR2004	21	0.048	0.022	<0.009	0.027	0.057	0.062	0.072	1	0	0.00%
S18C	UN-IONIZED AMMONIA	mg/L	NONE	01MAY2003 - 28APR2004	21	0.001	0.000	0.000	0.001	0.001	0.001	0.002	0	0	0.00%
S18C	NNH4	mg N/L	92	06MAY2003 - 21APR2004	20	0.119	0.041	0.038	0.101	0.122	0.148	0.187	0	0	0.00%
S18C	ORGN	mg N/L	79	06MAY2003 - 21APR2004	21	0.395	0.055	0.328	0.363	0.383	0.403	0.545	0	0	0.00%
S18C	TKN	mg N/L	21	06MAY2003 - 21APR2004	21	0.442	0.048	0.380	0.420	0.430	0.460	0.560	0	0	0.00%
S18C	OPO4	mg P/L	23	06MAY2003 - 21APR2004	21	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	21	0	0.00%
S18C	ALKALINE PHOS	nM/minml	168	06MAY2003 - 21APR2004	19	10.216	7.104	3.000	6.000	7.000	12.000	29.400	0	0	0.00%
S18C	TP	mg P/L	25	01MAY2003 - 28APR2004	52	0.004	0.001	0.002	0.003	0.004	0.005	0.006	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S18C	DIS. CA	mg/L	30	06MAY2003 - 21APR2004	23	74.975	2.950	68.200	72.500	75.899	77.200	79.000	0	0	0.00%
S18C	DIS. K	mg/L	29	06MAY2003 - 21APR2004	21	4.168	0.429	3.400	3.809	4.233	4.400	4.900	0	0	0.00%
S18C	DIS. MG	mg/L	31	06MAY2003 - 21APR2004	23	5.011	0.386	4.600	4.800	5.000	5.044	6.500	0	0	0.00%
S18C	DIS. NA	mg/L	28	06MAY2003 - 21APR2004	21	22.186	1.308	20.600	21.400	22.100	22.600	26.500	0	0	0.00%
S18C	TOT. CL	mg/L	32	06MAY2003 - 21APR2004	21	35.250	1.762	32.800	34.500	35.000	36.190	39.800	0	0	0.00%
S18C	TOT. SO4	mg/L	33	02JUL2003 - 21APR2004	5	8.644	1.291	7.000	7.660	9.160	9.200	10.200	0	0	0.00%
S18C	DIS. SILICA	mg/L	27	02JUL2003 - 21APR2004	5	4.699	0.248	4.410	4.460	4.790	4.890	4.945	0	0	0.00%
S18C	TOT. FE	mg/L	177	02JUL2003 - 21APR2004	4	0.137	0.137	0.018	0.020	0.125	0.254	0.280	0	0	0.00%
S18C	TOT. CD	ug/L	103	15JUL2003 - 26JAN2004	2	0.600	0.424	0.300	0.300	0.600	0.900	0.900	0	0	0.00%
S18C	TOT. CU	ug/L	104	15JUL2003 - 26JAN2004	2	1.606	0.573	<1.2	<1.2	0.406	2.011	2.011	1	0	0.00%
S18C	TOT. MTHY HG	ng/L	203	15JUL2003 - 28APR2004	4	0.039	0.020	<0.022	<0.022	0.016	0.056	0.058	2	0	0.00%
S18C	TOT. ZN	ug/L	105	15JUL2003 - 26JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S18C	CAROTENOID	mg/m3	63	06MAY2003 - 21APR2004	20	1.010	0.045	<1	<1	<1	0.000	1.200	15	0	0.00%
S18C	CHLA	mg/m3	61	06MAY2003 - 21APR2004	20	1.185	0.396	<1	<1	0.000	1.000	2.300	10	0	0.00%
S18C	CHLA2	mg/m3	112	06MAY2003 - 21APR2004	20	1.415	0.599	<1	<1	1.000	2.000	3.000	7	0	0.00%
S18C	CHLB	mg/m3	62	06MAY2003 - 21APR2004	20	1	0	<1	<1	<1	<1	<1	20	0	0.00%
S18C	CHLC	mg/m3	113	06MAY2003 - 21APR2004	20	1.000	0.000	<1	<1	<1	<1	<1	20	0	0.00%
S18C	PHEOPHYTIN A	mg/m3	64	06MAY2003 - 21APR2004	20	1.000	0.000	<1	<1	<1	<1	<1	20	0	0.00%
S18CAuto	TP	mg P/L	25	01MAY2003 - 14JAN2004	35	0.010	0.017	0.003	0.004	0.006	0.008	0.097	0	0	0.00%
S140	DO	mg/L	8	06MAY2003 - 27APR2004	52	4.682	2.264	1.300	2.585	4.715	6.630	8.680	0	26	50.00%
S140	FLDCOND.	UMHOS/CM	9	06MAY2003 - 27APR2004	53	600.830	131.957	324.000	494.000	632.000	707.000	816.000	0	0	0.00%
S140	PH	UNITS	10	06MAY2003 - 27APR2004	53	7.381	0.317	6.650	7.170	7.370	7.600	8.070	0	0	0.00%
S140	TURBIDITY	NTU	12	27MAY2003 - 27APR2004	19	2.368	0.720	0.939	1.930	2.400	3.100	3.310	0	0	0.00%
S140	TSS	mg/L	16	27MAY2003 - 27APR2004	19	3.226	0.531	<3	<3	<3	3.100	5.000	11	0	0.00%
S140	COLOR	UNITS	13	27MAY2003 - 27APR2004	18	72.500	13.035	54.000	62.000	70.000	81.000	99.000	0	0	0.00%
S140	HARDNESS	mg/L CaCO3	35	08JUL2003 - 18FEB2004	5	200.620	1.386	200.000	200.000	200.000	200.000	203.100	0	0	0.00%
S140	TEMP	CENT	7	06MAY2003 - 27APR2004	53	25.178	3.671	17.800	21.400	26.200	28.500	30.330	0	0	0.00%
S140	ALKALINITY	mg/L	67	27MAY2003 - 27APR2004	19	192.089	32.272	124.000	160.000	196.020	216.000	239.000	0	0	0.00%
S140	TN	mg N/L	80	27MAY2003 - 27APR2004	19	1.201	0.091	1.030	1.131	1.183	1.274	1.355	0	0	0.00%
S140	NOX	mg N/L	18;180	27MAY2003 - 27APR2004	18	0.040	0.026	0.010	0.021	0.033	0.053	0.115	0	0	0.00%
S140	NO2	mg N/L	19	27MAY2003 - 27APR2004	18	0.005	0.001	<0.004	0.004	0.004	0.005	0.006	3	0	0.00%
S140	NO3	mg N/L	78	27MAY2003 - 27APR2004	17	0.037	0.026	0.010	0.017	0.029	0.049	0.110	0	0	0.00%
S140	NH4	mg N/L	20	27MAY2003 - 27APR2004	19	0.052	0.035	<0.009	0.015	0.046	0.080	0.120	2	0	0.00%
S140	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2003 - 27APR2004	19	0.001	0.000	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
S140	NNH4	mg N/L	92	27MAY2003 - 27APR2004	18	0.089	0.048	0.011	0.060	0.091	0.123	0.179	0	0	0.00%
S140	ORGN	mg N/L	79	27MAY2003 - 27APR2004	19	1.112	0.096	0.950	1.030	1.118	1.195	1.270	0	0	0.00%
S140	TKN	mg N/L	21	27MAY2003 - 27APR2004	19	1.163	0.078	1.030	1.110	1.140	1.230	1.300	0	0	0.00%
S140	OPO4	mg P/L	23	27MAY2003 - 27APR2004	18	0.012	0.006	<0.004	0.008	0.011	0.018	0.021	1	0	0.00%
S140	TP	mg P/L	25	06MAY2003 - 27APR2004	51	0.035	0.009	0.018	0.029	0.033	0.040	0.063	0	0	0.00%
S140	DIS. CA	mg/L	30	08JUL2003 - 18FEB2004	5	74.940	9.229	61.400	73.300	73.400	80.800	85.800	0	0	0.00%
S140	DIS. K	mg/L	29	08JUL2003 - 20JAN2004	3	3.583	0.729	3.000	3.000	3.348	4.400	4.400	0	0	0.00%
S140	DIS. MG	mg/L	31	08JUL2003 - 18FEB2004	5	5.662	1.530	4.000	4.871	4.940	6.800	7.700	0	0	0.00%
S140	DIS. NA	mg/L	28	08JUL2003 - 20JAN2004	3	31.475	16.278	18.100	18.100	26.726	49.600	49.600	0	0	0.00%
S140	TOT. CL	mg/L	32	27MAY2003 - 27APR2004	18	50.013	25.176	17.800	31.500	39.455	67.900	102.000	0	0	0.00%
S140	TOT. SO4	mg/L	33	08JUL2003 - 20JAN2004	3	12.957	6.716	8.000	8.000	10.270	20.600	20.600	0	0	0.00%
S140	DIS. SILICA	mg/L	27	14OCT2003 - 20JAN2004	2	6.585	0.460	6.260	6.260	6.585	6.910	6.910	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S140	TOT. FE	mg/L	177	08JUL2003 - 20JAN2004	3	0.220	0.098	0.107	0.107	0.274	0.279	0.279	0	0	0.00%
S140	TOT. CD	ug/L	103	12AUG2003 - 18FEB2004	2	0.451	0.213	<0.3	<0.3	0.151	0.601	0.601	1	0	0.00%
S140	TOT. CU	ug/L	104	12AUG2003 - 18FEB2004	2	2.535	0.233	2.370	2.370	2.535	2.700	2.700	0	0	0.00%
S140	TOT. MTHY HG	ng/L	203	20MAY2003 - 18FEB2004	4	0.134	0.052	0.075	0.098	0.130	0.170	0.200	0	0	0.00%
S140	TOT. ZN	ug/L	105	12AUG2003 - 18FEB2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S140Auto	TP	mg P/L	25	06MAY2003 - 13APR2004	33	0.040303	0.0093	0.018	0.035	0.04	0.045	0.069	0	0	0.00%
S175	DO	mg/L	8	06MAY2003 - 21APR2004	26	3.841	1.969	0.700	1.970	3.825	5.770	6.910	0	17	65.38%
S175	FLDCOND.	UMHOS/CM	9	06MAY2003 - 21APR2004	18	695.106	931.153	439.000	459.000	476.500	490.000	4425.000	0	1	5.56%
S175	PH	UNITS	10	06MAY2003 - 21APR2004	26	7.463	0.256	7.050	7.250	7.395	7.670	8.000	0	0	0.00%
S175	TURBIDITY	NTU	12	21MAY2003 - 21APR2004	13	1.562	0.699	0.734	1.000	1.500	1.900	2.800	0	0	0.00%
S175	TSS	mg/L	16	21MAY2003 - 21APR2004	13	3.000	0.000	<3	<3	<3	<3	<3	13	0	0.00%
S175	COLOR	UNITS	13	21MAY2003 - 21APR2004	13	13.385	2.534	10.000	11.000	13.000	14.000	19.000	0	0	0.00%
S175	HARDNESS	mg/L CAC03	35	21MAY2003 - 21APR2004	15	201.4667	3.29993	198.6	200	200	200	208.2	0	0	0.00%
S175	TEMP	CENT	7	06MAY2003 - 21APR2004	26	25.287	2.569	20.100	23.400	25.955	27.550	28.600	0	0	0.00%
S175	ALKALINITY	mg/L	67	21MAY2003 - 21APR2004	13	191.125	11.509	171.000	182.000	197.640	198.380	209.000	0	0	0.00%
S175	TN	mg N/L	80	21MAY2003 - 21APR2004	13	0.557	0.085	0.475	0.500	0.534	0.556	0.744	0	0	0.00%
S175	NOX	mg N/L	18;180	21MAY2003 - 21APR2004	11	0.034	0.029	0.005	0.014	0.020	0.063	0.084	0	0	0.00%
S175	NO2	mg N/L	19	21MAY2003 - 21APR2004	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	12	0	0.00%
S175	NO3	mg N/L	78	21MAY2003 - 21APR2004	11	0.034	0.029	0.005	0.014	0.020	0.063	0.084	0	0	0.00%
S175	NH4	mg N/L	20	21MAY2003 - 21APR2004	13	0.067	0.018	0.048	0.055	0.060	0.085	0.101	0	0	0.00%
S175	UNIONIZED AMMONIA	mg/L	NONE	06MAY2003 - 21APR2004	13	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0	0	0.00%
S175	NNH4	mg N/L	92	21MAY2003 - 21APR2004	11	0.102	0.036	0.068	0.072	0.094	0.111	0.173	0	0	0.00%
S175	ORGN	mg N/L	79	21MAY2003 - 21APR2004	13	0.461	0.059	0.369	0.431	0.465	0.484	0.571	0	0	0.00%
S175	TKN	mg N/L	21	21MAY2003 - 21APR2004	13	0.528	0.059	0.460	0.500	0.520	0.540	0.660	0	0	0.00%
S175	OPO4	mg P/L	23	21MAY2003 - 21APR2004	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	13	0	0.00%
S175	ALKALINE PHOS	nM/minml	168	21MAY2003 - 21APR2004	12	10.717	10.098	1.000	4.000	6.500	13.950	30.900	0	0	0.00%
S175	TP	mg P/L	25	06MAY2003 - 21APR2004	26	0.007	0.004	0.003	0.005	0.006	0.010	0.016	0	0	0.00%
S175	DIS. CA	mg/L	30	21MAY2003 - 21APR2004	15	73.198	3.156	67.000	70.400	73.700	75.700	77.351	0	0	0.00%
S175	DIS. K	mg/L	29	21MAY2003 - 21APR2004	13	1.454	0.289	0.971	1.300	1.500	1.600	1.900	0	0	0.00%
S175	DIS. MG	mg/L	31	21MAY2003 - 21APR2004	15	4.604	0.897	3.663	4.000	4.400	5.000	7.200	0	0	0.00%
S175	DIS. NA	mg/L	28	21MAY2003 - 21APR2004	13	20.863	2.047	17.727	19.400	20.600	21.500	24.321	0	0	0.00%
S175	TOT. CL	mg/L	32	21MAY2003 - 21APR2004	13	32.673	3.009	28.420	30.700	33.100	34.100	38.020	0	0	0.00%
S175	TOT. SO4	mg/L	33	30JUL2003 - 21APR2004	4	2.013	1.395	<0.1	0.875	2.425	3.050	3.100	1	0	0.00%
S175	DIS. SILICA	mg/L	27	30JUL2003 - 21APR2004	4	5.323	0.312	4.870	5.115	5.440	5.530	5.540	0	0	0.00%
S175	TOT. FE	mg/L	177	16JUL2003 - 21APR2004	5	0.176	0.080	0.065	0.124	0.203	0.228	0.259	0	0	0.00%
S175	TOT. CD	ug/L	103	15JUL2003 - 26JAN2004	2	0.651	0.496	0.300	0.300	0.651	1.002	1.002	0	0	0.00%
S175	TOT. CU	ug/L	104	15JUL2003 - 26JAN2004	2	2.711	1.964	1.322	1.322	2.711	4.100	4.100	0	0	0.00%
S175	TOT. MTHY HG	ng/L	203	15JUL2003 - 28APR2004	4	0.049	0.023	0.030	0.031	0.044	0.068	0.079	0	0	0.00%
S175	TOT. ZN	ug/L	105	15JUL2003 - 26JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S175	CAROTENOID	mg/m3	63	21MAY2003 - 21APR2004	12	1.433	0.658	<1	<1	1.050	2.000	3.000	4	0	0.00%
S175	CHLA	mg/m3	61	21MAY2003 - 21APR2004	12	2.225	1.237	<1	0.000	2.150	3.000	5.000	3	0	0.00%
S175	CHLA2	mg/m3	112	21MAY2003 - 21APR2004	12	2.100	0.916	<1	1.300	2.000	2.800	4.000	1	0	0.00%
S175	CHLB	mg/m3	62	21MAY2003 - 21APR2004	12	1.000	0.000	<1	<1	<1	<1	<1	12	0	0.00%
S175	CHLC	mg/m3	113	21MAY2003 - 21APR2004	12	1.000	0.000	<1	<1	<1	<1	<1	12	0	0.00%
S175	PHEOPHYTIN A	mg/m3	64	21MAY2003 - 21APR2004	12	1.000	0.000	<1	<1	<1	<1	1.000	11	0	0.00%
S190	DO	mg/L	8	28MAY2003 - 27APR2004	19	6.189	2.548	2.250	4.090	6.860	8.030	10.900	0	7	36.84%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S190	FLDCOND.	UMHOS/CM	9	28MAY2003 - 27APR2004	19	522.526	98.958	252.000	491.000	549.000	590.000	634.000	0	0	0.00%
S190	PH	UNITS	10	28MAY2003 - 27APR2004	19	7.583	0.398	6.870	7.170	7.660	7.920	8.070	0	0	0.00%
S190	TURBIDITY	NTU	12	28MAY2003 - 27APR2004	17	1.994	0.978	0.982	1.300	2.000	2.370	5.000	0	0	0.00%
S190	TSS	mg/L	16	28MAY2003 - 27APR2004	17	3.418	1.057	<3	<3	<3	<3	7.000	13	0	0.00%
S190	COLOR	UNITS	13	28MAY2003 - 27APR2004	17	68.294	32.370	37.000	47.000	52.000	87.000	146.000	0	0	0.00%
S190	HARDNESS	mg/L CaCO3	35	22JUL2003 - 27APR2004	6	225.533	76.051	100.000	200.000	226.600	300.000	300.000	0	0	0.00%
S190	TEMP	CENT	7	28MAY2003 - 27APR2004	19	25.357	4.007	17.100	22.000	25.700	28.390	32.010	0	0	0.00%
S190	ALKALINITY	mg/L	67	28MAY2003 - 27APR2004	17	209.567	45.989	107.000	184.000	210.540	249.000	268.000	0	0	0.00%
S190	TN	mg N/L	80	28MAY2003 - 27APR2004	17	1.069	0.113	0.915	1.015	1.057	1.102	1.346	0	0	0.00%
S190	NOX	mg N/L	18,180	28MAY2003 - 27APR2004	17	0.015	0.013	<0.004	<0.004	0.007	0.026	0.045	5	0	0.00%
S190	NO2	mg N/L	19	28MAY2003 - 27APR2004	17	0.005	0.001	<0.004	<0.004	0.004	0.005	0.007	8	0	0.00%
S190	NO3	mg N/L	78	28MAY2003 - 27APR2004	17	0.012	0.011	<0.004	<0.004	0.005	0.019	0.040	6	0	0.00%
S190	NH4	mg N/L	20	28MAY2003 - 27APR2004	17	0.039	0.037	<0.009	<0.009	0.013	0.070	0.114	8	0	0.00%
S190	UN-IONIZED AMMONIA	mg/L	NONE	28MAY2003 - 27APR2004	16	0.001	0.001	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
S190	NNH4	mg N/L	92	28MAY2003 - 27APR2004	17	0.051	0.048	<0.009	<0.009	0.020	0.090	0.140	5	0	0.00%
S190	ORGN	mg N/L	79	28MAY2003 - 27APR2004	17	1.022	0.095	0.910	0.946	1.007	1.060	1.220	0	0	0.00%
S190	TKN	mg N/L	21	28MAY2003 - 27APR2004	17	1.056	0.110	0.910	0.970	1.040	1.100	1.320	0	0	0.00%
S190	OPO4	mg P/L	23	28MAY2003 - 27APR2004	17	0.030	0.040	<0.004	<0.004	0.006	0.053	0.116	6	0	0.00%
S190	TP	mg P/L	25	28MAY2003 - 27APR2004	21	0.053	0.042	0.017	0.025	0.030	0.064	0.155	0	0	0.00%
S190	DIS. CA	mg/L	30	22JUL2003 - 27APR2004	6	74.774	24.016	41.300	54.600	78.672	96.600	98.800	0	0	0.00%
S190	DIS. K	mg/L	29	22JUL2003 - 27APR2004	4	2.030	0.260	1.800	1.859	1.959	2.200	2.400	0	0	0.00%
S190	DIS. MG	mg/L	31	22JUL2003 - 27APR2004	6	5.998333	1.72502	3.3	4.38	6.805	7.3	7.4	0	0	0.00%
S190	DIS. NA	mg/L	28	22JUL2003 - 27APR2004	4	22.948	9.838	8.800	16.296	26.346	29.600	30.300	0	0	0.00%
S190	TOT. CL	mg/L	32	28MAY2003 - 27APR2004	17	33.122	10.287	12.700	24.400	36.300	41.100	46.080	0	0	0.00%
S190	TOT. SO4	mg/L	33	22JUL2003 - 27APR2004	4	6.308	1.567	4.000	5.415	6.865	7.200	7.500	0	0	0.00%
S190	DIS. SILICA	mg/L	27	22JUL2003 - 27APR2004	4	6.566	2.622	4.780	4.835	5.555	8.298	10.375	0	0	0.00%
S190	TOT. FE	mg/L	17	22JUL2003 - 27APR2004	4	0.153	0.130	0.050	0.058	0.114	0.247	0.333	0	0	0.00%
S190	TOT. CD	ug/L	103	12AUG2003 - 18FEB2004	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S190	TOT. CU	ug/L	104	12AUG2003 - 18FEB2004	2	2.660	0.339	2.420	2.420	2.660	2.900	2.900	0	0	0.00%
S190	TOT. ZN	ug/L	105	12AUG2003 - 18FEB2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S190Auto	DO	mg/L	8	20AUG2003 - 20AUG2003	1	2.330		2.330	2.330	2.330	2.330	2.330	0	1	100.00%
S190Auto	FLDCOND.	UMHOS/CM	9	20AUG2003 - 20AUG2003	1	365.000		365.000	365.000	365.000	365.000	365.000	0	0	0.00%
S190Auto	PH	UNITS	10	20AUG2003 - 20AUG2003	1	7.020		7.020	7.020	7.020	7.020	7.020	0	0	0.00%
S190Auto	TEMP	CENT	7	20AUG2003 - 20AUG2003	1	27.700		27.700	27.700	27.700	27.700	27.700	0	0	0.00%
S190Auto	TP	mg P/L	25	28MAY2003 - 13JAN2004	30	0.075	0.041	0.025	0.035	0.074	0.106	0.159	0	0	0.00%
S332	DO	mg/L	8	06MAY2003 - 21APR2004	25	3.374	1.522	0.900	2.270	2.830	4.540	6.460	0	21	84.00%
S332	FLDCOND.	UMHOS/CM	9	06MAY2003 - 21APR2004	17	467.076	32.808	422.700	436.000	466.000	488.000	536.000	0	0	0.00%
S332	PH	UNITS	10	06MAY2003 - 21APR2004	25	7.398	0.172	7.130	7.240	7.430	7.570	7.640	0	0	0.00%
S332	TURBIDITY	NTU	12	21MAY2003 - 21APR2004	12	2.047	0.928	0.741	1.350	2.020	2.540	3.900	0	0	0.00%
S332	TSS	mg/L	16	21MAY2003 - 21APR2004	12	3.000	0.000	<3	<3	<3	<3	<3	12	0	0.00%
S332	COLOR	UNITS	13	21MAY2003 - 21APR2004	12	14.917	2.906	11.000	13.500	14.500	15.500	23.000	0	0	0.00%
S332	HARDNESS	mg/L CaCO3	35	21MAY2003 - 21APR2004	14	200.736	3.548	195.000	200.000	200.000	200.000	209.600	0	0	0.00%
S332	TEMP	CENT	7	06MAY2003 - 21APR2004	25	25.702	2.667	20.500	23.600	26.600	28.200	29.500	0	0	0.00%
S332	ALKALINITY	mg/L	67	21MAY2003 - 21APR2004	12	188.903	12.831	172.000	174.500	193.105	199.135	208.000	0	0	0.00%
S332	TN	mg N/L	80	21MAY2003 - 21APR2004	12	0.561	0.060	0.486	0.515	0.544	0.600	0.699	0	0	0.00%
S332	NOX	mg N/L	18,180	21MAY2003 - 21APR2004	10	0.026	0.019	0.005	0.013	0.020	0.040	0.059	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S332	NO2	mg N/L	19	21MAY2003 - 21APR2004	12	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	11	0	0.00%
S332	NO3	mg N/L	78	21MAY2003 - 21APR2004	10	0.026	0.01949	0.005	0.011	0.02	0.04	0.059	0	0	0.00%
S332	NH4	mg N/L	20	21MAY2003 - 21APR2004	12	0.072	0.031	0.027	0.049	0.067	0.090	0.134	0	0	0.00%
S332	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2003 - 21APR2004	12	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0	0	0.00%
S332	NNH4	mg N/L	92	21MAY2003 - 21APR2004	10	0.102	0.046	0.053	0.057	0.092	0.140	0.174	0	0	0.00%
S332	ORGN	mg N/L	79	21MAY2003 - 21APR2004	12	0.467	0.042	0.401	0.437	0.468	0.499	0.528	0	0	0.00%
S332	TKN	mg N/L	21	21MAY2003 - 21APR2004	12	0.539	0.047	0.460	0.510	0.530	0.570	0.640	0	0	0.00%
S332	OPO4	mg P/L	23	21MAY2003 - 21APR2004	12	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	12	0	0.00%
S332	ALKALINE PHOS	nM/minml	168	21MAY2003 - 21APR2004	12	11.975	7.669	2.000	6.500	11.000	15.800	27.600	0	0	0.00%
S332	TP	mg P/L	25	06MAY2003 - 21APR2004	26	0.007	0.003	0.003	0.005	0.006	0.009	0.014	0	0	0.00%
S332	DIS. CA	mg/L	30	21MAY2003 - 21APR2004	14	72.582	3.896	65.100	71.000	73.500	75.700	76.400	0	0	0.00%
S332	DIS. K	mg/L	29	21MAY2003 - 21APR2004	12	1.412	0.351	0.800	1.174	1.500	1.720	1.800	0	0	0.00%
S332	DIS. MG	mg/L	31	21MAY2003 - 21APR2004	14	4.555	0.988	3.346	3.900	4.213	5.000	7.200	0	0	0.00%
S332	DIS. NA	mg/L	28	21MAY2003 - 21APR2004	12	20.846	2.677	17.126	19.100	19.900	22.500	26.357	0	0	0.00%
S332	TOT. CL	mg/L	32	21MAY2003 - 21APR2004	12	32.264	4.090	26.340	29.400	31.250	35.050	40.760	0	0	0.00%
S332	TOT. SO4	mg/L	33	02JUL2003 - 21APR2004	4	1.628	1.529	<0.1	0.305	1.455	2.850	3.500	1	0	0.00%
S332	DIS. SILICA	mg/L	27	02JUL2003 - 21APR2004	4	5.093	0.418	4.853	4.877	4.900	5.310	5.720	0	0	0.00%
S332	TOT. FE	mg/L	177	02JUL2003 - 21APR2004	4	0.275	0.137	0.089	0.172	0.315	0.378	0.380	0	0	0.00%
S332	TOT. CD	ug/L	103	15JUL2003 - 26JAN2004	2	0.658	0.506	0.300	0.300	0.658	1.016	1.016	0	0	0.00%
S332	TOT. CU	ug/L	104	15JUL2003 - 26JAN2004	2	1.498	0.421	<1.2	<1.2	0.298	1.796	1.796	1	0	0.00%
S332	TOT. MTHY HG	ng/L	203	15JUL2003 - 28APR2004	4	0.079	0.048	0.032	0.042	0.071	0.115	0.140	0	0	0.00%
S332	TOT. ZN	ug/L	105	15JUL2003 - 26JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332	CAROTENOID	mg/m3	63	21MAY2003 - 21APR2004	12	1.342	0.647	<1	<1	0.000	1.550	3.000	6	0	0.00%
S332	CHLA	mg/m3	61	21MAY2003 - 21APR2004	12	1.792	1.339	<1	<1	0.000	2.000	5.000	6	0	0.00%
S332	CHLA2	mg/m3	112	21MAY2003 - 21APR2004	12	1.750	0.945	<1	0.000	1.500	2.000	4.000	3	0	0.00%
S332	CHLB	mg/m3	62	21MAY2003 - 21APR2004	12	1.000	0.000	<1	<1	<1	<1	<1	12	0	0.00%
S332	CHLC	mg/m3	113	21MAY2003 - 21APR2004	12	1.000	0.000	<1	<1	<1	<1	<1	12	0	0.00%
S332	PHEOPHYTIN A	mg/m3	64	21MAY2003 - 21APR2004	12	1.000	0.000	<1	<1	<1	<1	<1	12	0	0.00%
S38B	DO	mg/L	8	21JUL2003 - 26APR2004	4	1.728	0.541	1.100	1.280	1.780	2.175	2.250	0	4	100.00%
S38B	FLDCOND.	UMHOS/CM	9	21JUL2003 - 26APR2004	4	1135.000	32.995	1114.000	1115.500	1121.000	#####	1184.000	0	0	0.00%
S38B	PH	UNITS	10	21JUL2003 - 26APR2004	4	7.458	0.177	7.240	7.325	7.465	7.590	7.660	0	0	0.00%
S38B	TURBIDITY	NTU	12	21JUL2003 - 26APR2004	4	0.896	0.296	0.600	0.692	0.842	1.100	1.300	0	0	0.00%
S38B	TSS	mg/L	16	21JUL2003 - 26APR2004	4	3.000	0.000	<3	<3	<3	<3	<3	4	0	0.00%
S38B	COLOR	UNITS	13	21JUL2003 - 26APR2004	4	105.500	25.489	79.000	84.000	105.500	127.000	132.000	0	0	0.00%
S38B	HARDNESS	mg/L CaCO3	35	21JUL2003 - 26APR2004	5	303.900	71.246	200.000	300.000	300.000	319.500	400.000	0	0	0.00%
S38B	TEMP	CENT	7	21JUL2003 - 26APR2004	4	24.060	4.308	18.300	21.400	24.600	26.720	28.740	0	0	0.00%
S38B	ALKALINITY	mg/L	67	21JUL2003 - 26APR2004	4	262.218	6.944	254.870	256.935	261.500	267.500	271.000	0	0	0.00%
S38B	TN	mg N/L	80	21JUL2003 - 26APR2004	4	1.953	0.176	1.750	1.831	1.944	2.076	2.175	0	0	0.00%
S38B	NOX	mg N/L	18,180	21JUL2003 - 26APR2004	3	0.008	0.004	0.005	0.005	0.006	0.012	0.012	0	0	0.00%
S38B	NO2	mg N/L	19	21JUL2003 - 26APR2004	4	0.005	0.001	0.004	0.005	0.005	0.006	0.006	0	0	0.00%
S38B	NO3	mg N/L	78	21JUL2003 - 26APR2004	3	0.005	0.002	<0.004	<0.004	<0.004	0.007	0.007	2	0	0.00%
S38B	NH4	mg N/L	20	21JUL2003 - 26APR2004	4	0.024	0.010	0.013	0.016	0.024	0.032	0.035	0	0	0.00%
S38B	UN-IONIZED AMMONIA	mg/L	NONE	21JUL2003 - 26APR2004	4	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S38B	NNH4	mg N/L	92	21JUL2003 - 26APR2004	3	0.028	0.011	0.019	0.019	0.024	0.040	0.040	0	0	0.00%
S38B	ORGN	mg N/L	79	21JUL2003 - 26APR2004	4	1.924	0.182	1.715	1.794	1.915	2.054	2.151	0	0	0.00%
S38B	TKN	mg N/L	21	21JUL2003 - 26APR2004	4	1.948	0.174	1.750	1.825	1.935	2.070	2.170	0	0	0.00%
S38B	OPO4	mg P/L	23	21JUL2003 - 26APR2004	4	0.006	0.002	0.004	0.005	0.007	0.008	0.008	0	0	0.00%
S38B	TP	mg P/L	25	21JUL2003 - 26APR2004	3	0.018	0.008	0.011	0.011	0.016	0.026	0.026	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S38B	DIS. CA	mg/L	30	21JUL2003 - 26APR2004	5	80.5958	6.78523	70.9	79.2	79.6	83.979	89.3	0	0	0.00%
S38B	DIS. K	mg/L	29	21JUL2003 - 26APR2004	4	9.051	0.705	8.100	8.600	9.151	9.501	9.800	0	0	0.00%
S38B	DIS. MG	mg/L	31	21JUL2003 - 26APR2004	5	23.103	10.572	4.630	25.900	26.686	26.700	31.600	0	0	0.00%
S38B	DIS. NA	mg/L	28	21JUL2003 - 26APR2004	4	108.243	3.955	104.972	104.986	107.500	111.500	113.000	0	0	0.00%
S38B	TOT. CL	mg/L	32	21JUL2003 - 26APR2004	4	157.220	3.917	151.880	154.440	158.000	160.000	161.000	0	0	0.00%
S38B	TOT. SO4	mg/L	33	21JUL2003 - 26APR2004	4	60.7875	12.1427	44.6	52.5	62.425	69.075	73.7	0	0	0.00%
S38B	DIS. SILICA	mg/L	27	21JUL2003 - 26APR2004	4	18.506	8.613	6.670	12.185	20.777	24.827	25.800	0	0	0.00%
S38B	TOT. FE	mg/L	177	21JUL2003 - 26APR2004	4	0.075	0.030	0.048	0.052	0.068	0.097	0.115	0	0	0.00%
S38B	TOT. CD	ug/L	103	13AUG2003 - 13AUG2003	1	0.480		0.480	0.480	0.480	0.480	0.480	0	0	0.00%
S38B	TOT. CU	ug/L	104	13AUG2003 - 13AUG2003	1	4.800		4.800	4.800	4.800	4.800	4.800	0	0	0.00%
S38B	TOT. MTHY HG	ng/L	203	21MAY2003 - 19FEB2004	4	0.086	0.041	0.042	0.056	0.080	0.115	0.140	0	0	0.00%
S38B	TOT. ZN	ug/L	105	13AUG2003 - 13AUG2003	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
NSIDSP01	DO	mg/L	8	27AUG2003 - 26APR2004	5	6.766	1.320	4.990	6.210	6.490	7.960	8.180	0	1	20.00%
NSIDSP01	FLDCOND.	UMHOS/CM	9	27AUG2003 - 26APR2004	5	629.400	112.937	453.000	581.000	683.000	711.000	719.000	0	0	0.00%
NSIDSP01	LABCOND.	UMHOS/CM	14	26SEP2003 - 26SEP2003	1	453.000		453.000	453.000	453.000	453.000	453.000	0	0	0.00%
NSIDSP01	PH	UNITS	10	27AUG2003 - 26APR2004	5	8.016	0.220	7.720	7.940	7.950	8.230	8.240	0	0	0.00%
NSIDSP01	TURBIDITY	NTU	12	11AUG2003 - 26APR2004	4	3.993	1.612	2.000	2.685	4.285	5.300	5.400	0	0	0.00%
NSIDSP01	TSS	mg/L	16	11AUG2003 - 26APR2004	5	4.000	1.181	<3	3.300	3.700	4.000	6.000	1	0	0.00%
NSIDSP01	HARDNESS	mg/L CaCO3	35	11AUG2003 - 26APR2004	5	198.000	4.472	190.000	200.000	200.000	200.000	200.000	0	0	0.00%
NSIDSP01	TEMP	CENT	7	11AUG2003 - 26APR2004	6	27.365	4.107	19.400	26.800	28.995	29.800	30.200	0	0	0.00%
NSIDSP01	ALKALINITY	mg/L	67	11AUG2003 - 26APR2004	3	190.000	26.058	165.000	165.000	188.000	217.000	217.000	0	0	0.00%
NSIDSP01	SALINITY	UNITS	98	11AUG2003 - 11AUG2003	1	0.300		0.300	0.300	0.300	0.300	0.300	0	0	0.00%
NSIDSP01	TN	mg N/L	80	11AUG2003 - 26APR2004	4	0.897	0.311	0.500	0.687	0.917	1.108	1.255	0	0	0.00%
NSIDSP01	NOX	mg N/L	18;180	11AUG2003 - 12JAN2004	3	0.069	0.101	<0.017	<0.017	0.004	0.185	0.185	1	0	0.00%
NSIDSP01	NO2	mg N/L	19	26SEP2003 - 26SEP2003	1	0.017		<0.017	<0.017	<0.017	<0.017	<0.017	1	0	0.00%
NSIDSP01	NO3	mg N/L	78	26SEP2003 - 26SEP2003	1	0.017		<0.017	<0.017	<0.017	<0.017	<0.017	1	0	0.00%
NSIDSP01	NH4	mg N/L	20	11AUG2003 - 26APR2004	5	0.036	0.059	<0.0075	<0.009	0.010	0.012	0.142	2	0	0.00%
NSIDSP01	UNIONIZED AMMONIA	mg/L	NONE	11AUG2003 - 26APR2004	4	0.002	0.002	0.001	0.001	0.001	0.003	0.006	0	0	0.00%
NSIDSP01	NNH4	mg N/L	92	11AUG2003 - 12JAN2004	3	0.120	0.179	<0.017	<0.017	0.016	0.327	0.327	1	0	0.00%
NSIDSP01	ORGN	mg N/L	79	11AUG2003 - 26APR2004	4	0.812	0.212	0.500	0.679	0.893	0.944	0.960	0	0	0.00%
NSIDSP01	TKN	mg N/L	21	11AUG2003 - 26APR2004	4	0.850	0.247	0.500	0.685	0.915	1.015	1.070	0	0	0.00%
NSIDSP01	OPO4	mg P/L	23	11AUG2003 - 26APR2004	5	0.004	0.001	<0.004	<0.004	<0.004	0.003	0.006	3	0	0.00%
NSIDSP01	TP	mg P/L	25	11AUG2003 - 26APR2004	4	0.017	0.003	0.012	0.014	0.018	0.019	0.019	0	0	0.00%
NSIDSP01	DIS. CA	mg/L	30	11AUG2003 - 26APR2004	3	78.333	8.065	70.000	70.000	78.900	86.100	86.100	0	0	0.00%
NSIDSP01	DIS. MG	mg/L	31	11AUG2003 - 26APR2004	4	5.590	1.382	4.200	4.430	5.530	6.750	7.100	0	0	0.00%
NSIDSP01	TOT. CL	mg/L	32	11AUG2003 - 26APR2004	4	70.275	10.591	60.300	61.150	70.200	79.400	80.400	0	0	0.00%
NSIDSP01	TOT. CU	ug/L	104	11AUG2003 - 26APR2004	4	2.9925	1.44991	1.8	1.85	2.65	4.135	4.87	0	0	0.00%
G64	DO	mg/L	8	21JUL2003 - 12APR2004	4	3.790	1.684	1.630	2.460	4.125	5.120	5.280	0	3	75.00%
G64	FLDCOND.	UMHOS/CM	9	21JUL2003 - 12APR2004	4	1004.250	65.301	914.000	958.000	1019.500	#####	1064.000	0	0	0.00%
G64	PH	UNITS	10	21JUL2003 - 12APR2004	4	7.640	0.304	7.220	7.420	7.720	7.860	7.900	0	0	0.00%
G64	TURBIDITY	NTU	12	21JUL2003 - 12APR2004	4	3.623	2.086	2.200	2.345	2.795	4.900	6.700	0	0	0.00%
G64	TSS	mg/L	16	21JUL2003 - 12APR2004	4	3.750	1.500	<3	<3	<3	1.500	6.000	3	0	0.00%
G64	COLOR	UNITS	13	21JUL2003 - 12APR2004	4	83.500	12.503	68.000	74.500	84.000	92.500	98.000	0	0	0.00%
G64	HARDNESS	mg/L CaCO3	35	27OCT2003 - 12APR2004	3	300.000	0.000	300.000	300.000	300.000	300.000	300.000	0	0	0.00%
G64	TEMP	CENT	7	21JUL2003 - 12APR2004	4	24.820	5.269	18.100	20.950	25.300	28.690	30.580	0	0	0.00%
G64	ALKALINITY	mg/L	67	21JUL2003 - 12APR2004	4	287.625	16.111	265.500	275.750	292.000	299.500	301.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
G64	TN	mg N/L	80	21JUL2003 - 12APR2004	4	1.955	0.247	1.644	1.767	1.977	2.142	2.220	0	0	0.00%
G64	NOX	mg N/L	18:180	21JUL2003 - 12APR2004	3	0.056	0.048	0.004	0.004	0.064	0.100	0.100	0	0	0.00%
G64	NO2	mg N/L	19	21JUL2003 - 12APR2004	4	0.008	0.006	0.004	0.005	0.005	0.011	0.017	0	0	0.00%
G64	NO3	mg N/L	78	21JUL2003 - 12APR2004	3	0.049	0.041	<0.004	<0.004	0.059	0.083	0.083	1	0	0.00%
G64	NH4	mg N/L	20	21JUL2003 - 12APR2004	4	0.093	0.089	<0.009	0.023	0.073	0.154	0.217	1	0	0.00%
G64	UN-IONIZED AMMONIA	mg/L	NONE	21JUL2003 - 12APR2004	4	0.003024	0.00318	0.00038	0.00055	0.0022571	0.0055	0.007202	0	0	0.00%
G64	NNH4	mg N/L	92	21JUL2003 - 12APR2004	3	0.159	0.157	0.004	0.004	0.155	0.317	0.317	0	0	0.00%
G64	ORGN	mg N/L	79	21JUL2003 - 12APR2004	4	1.822	0.126	1.640	1.738	1.869	1.906	1.909	0	0	0.00%
G64	TKN	mg N/L	21	21JUL2003 - 12APR2004	4	1.913	0.205	1.640	1.765	1.945	2.060	2.120	0	0	0.00%
G64	OPO4	mg P/L	23	21JUL2003 - 12APR2004	4	0.006	0.001	0.005	0.006	0.006	0.007	0.007	0	0	0.00%
G64	TP	mg P/L	25	21JUL2003 - 12APR2004	4	0.030	0.005	0.025	0.027	0.029	0.033	0.037	0	0	0.00%
G64	DIS. CA	mg/L	30	27OCT2003 - 12APR2004	3	88.333	0.902	87.400	87.400	88.400	89.200	89.200	0	0	0.00%
G64	DIS. K	mg/L	29	21JUL2003 - 12APR2004	4	7.411	0.510	6.743	7.022	7.500	7.800	7.900	0	0	0.00%
G64	DIS. MG	mg/L	31	27OCT2003 - 12APR2004	3	27.567	0.777	26.700	26.700	27.800	28.200	28.200	0	0	0.00%
G64	DIS. NA	mg/L	28	21JUL2003 - 12APR2004	4	83.327	11.066	70.608	74.254	83.950	92.400	94.800	0	0	0.00%
G64	TOT. CL	mg/L	32	21JUL2003 - 12APR2004	4	129.668	17.158	110.670	115.335	130.500	144.000	147.000	0	0	0.00%
G64	TOT. SO4	mg/L	33	21JUL2003 - 12APR2004	4	30.183	2.820	26.230	28.165	31.050	32.200	32.400	0	0	0.00%
G64	DIS. SILICA	mg/L	27	21JUL2003 - 12APR2004	4	14.979	1.152	13.800	14.008	14.958	15.950	16.200	0	0	0.00%
S12D	DO	mg/L	8	05MAY2003 - 19APR2004	35	2.634	1.366	0.330	1.600	2.050	3.540	5.360	0	33	94.29%
S12D	FLDCOND.	UMHOS/CM	9	05MAY2003 - 19APR2004	35	533.640	160.283	254.000	387.200	589.000	634.000	747.000	0	0	0.00%
S12D	PH	UNITS	10	05MAY2003 - 19APR2004	35	7.278	0.157	6.770	7.190	7.310	7.390	7.550	0	0	0.00%
S12D	TURBIDITY	NTU	12	05MAY2003 - 19APR2004	34	1.540	0.810	0.298	0.900	1.600	2.030	3.550	0	0	0.00%
S12D	TSS	mg/L	16	05MAY2003 - 19APR2004	34	3.026471	0.12385	<3	<3	<3	<3	3.7	32	0	0.00%
S12D	COLOR	UNITS	13	05MAY2003 - 19APR2004	34	52.059	23.169	17.000	37.000	50.500	69.000	125.000	0	0	0.00%
S12D	HARDNESS	mg/L CaCO3	35	05MAY2003 - 19APR2004	35	184.991	52.588	100.000	121.600	200.000	215.000	300.000	0	0	0.00%
S12D	TEMP	CENT	7	05MAY2003 - 19APR2004	36	25.984	4.011	17.500	22.600	28.145	29.150	30.620	0	0	0.00%
S12D	ALKALINITY	mg/L	67	05MAY2003 - 19APR2004	34	176.035	36.539	107.470	165.000	185.000	200.820	232.000	0	0	0.00%
S12D	TN	mg N/L	80	05MAY2003 - 19APR2004	35	1.198	0.271	0.758	1.020	1.220	1.338	2.030	0	0	0.00%
S12D	NOX	mg N/L	18:180	05MAY2003 - 19APR2004	33	0.096	0.134	0.007	0.031	0.045	0.109	0.690	0	0	0.00%
S12D	NO2	mg N/L	19	05MAY2003 - 19APR2004	34	0.006	0.004	<0.004	<0.004	0.000	0.006	0.021	17	0	0.00%
S12D	NO3	mg N/L	78	05MAY2003 - 19APR2004	32	0.095	0.131	0.007	0.031	0.046	0.106	0.669	0	0	0.00%
S12D	NH4	mg N/L	20	05MAY2003 - 19APR2004	35	0.037	0.022	<0.009	0.026	0.033	0.043	0.140	1	0	0.00%
S12D	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2003 - 19APR2004	34	0.001	0.000	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
S12D	NNH4	mg N/L	92	05MAY2003 - 19APR2004	33	0.134	0.143	0.007	0.059	0.087	0.146	0.728	0	0	0.00%
S12D	ORGN	mg N/L	79	05MAY2003 - 19APR2004	35	1.070	0.185	0.730	0.924	1.075	1.222	1.384	0	0	0.00%
S12D	TKN	mg N/L	21	05MAY2003 - 19APR2004	35	1.107	0.186	0.750	0.990	1.130	1.260	1.420	0	0	0.00%
S12D	OPO4	mg P/L	23	05MAY2003 - 19APR2004	34	0.005	0.001	<0.004	<0.004	0.004	0.005	0.008	11	0	0.00%
S12D	ALKALINE PHOS	nM/minml	168	05MAY2003 - 19APR2004	22	5.623	2.677	2.000	4.000	4.950	8.000	11.100	0	0	0.00%
S12D	TP	mg P/L	25	05MAY2003 - 19APR2004	36	0.012	0.004	0.006	0.009	0.012	0.015	0.018	0	0	0.00%
S12D	DIS. CA	mg/L	30	05MAY2003 - 19APR2004	35	57.437	10.345	38.700	50.200	59.600	63.872	77.500	0	0	0.00%
S12D	DIS. K	mg/L	29	05MAY2003 - 19APR2004	35	2.991	1.403	0.600	1.200	3.400	4.000	4.654	0	0	0.00%
S12D	DIS. MG	mg/L	31	05MAY2003 - 19APR2004	35	11.125	5.258	2.700	4.600	12.700	15.000	19.800	0	0	0.00%
S12D	DIS. NA	mg/L	28	05MAY2003 - 19APR2004	35	37.320	15.778	10.800	18.700	42.900	48.900	59.726	0	0	0.00%
S12D	TOT. CL	mg/L	32	05MAY2003 - 19APR2004	34	57.729	23.060	16.200	54.200	64.750	75.230	87.060	0	0	0.00%
S12D	TOT. SO4	mg/L	33	01JUL2003 - 05APR2004	4	9.755	7.069	<0.1	4.550	11.300	14.860	16.320	1	0	0.00%
S12D	DIS. SILICA	mg/L	27	01JUL2003 - 05APR2004	4	8.406	3.310	4.120	5.795	9.235	11.016	11.032	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S12D	TOT. MTHY HG	ng/L	203	16JUL2003 - 28APR2004	4	0.136	0.063	0.044	0.097	0.160	0.175	0.180	0	0	0.00%
S12D	CAROTENOID	mg/m3	63	05MAY2003 - 19APR2004	23	1.304	0.545	<1	<1	1.000	1.800	3.000	10	0	0.00%
S12D	CHLA	mg/m3	61	05MAY2003 - 19APR2004	23	2.030	1.513	<1	<1	2.000	2.200	7.800	7	0	0.00%
S12D	CHLA2	mg/m3	112	05MAY2003 - 19APR2004	23	1.752	1.188	<1	1.000	1.400	2.000	6.400	5	0	0.00%
S12D	CHLB	mg/m3	62	05MAY2003 - 19APR2004	23	1.000	0.000	<1	<1	<1	<1	<1	23	0	0.00%
S12D	CHLC	mg/m3	113	05MAY2003 - 19APR2004	23	1.000	0.000	<1	<1	<1	<1	<1	23	0	0.00%
S12D	PHEOPHYTIN A	mg/m3	64	05MAY2003 - 19APR2004	23	1.030	0.146	<1	<1	<1	<1	1.700	22	0	0.00%
S10E	DO	mg/L	8	19MAY2003 - 26APR2004	12	4.695	2.379	0.650	2.500	5.125	6.175	8.160	0	5	41.67%
S10E	FLDCOND.	UMHOS/CM	9	19MAY2003 - 26APR2004	12	1080.583	184.870	773.000	930.500	1118.500	#####	1314.000	0	2	16.67%
S10E	PH	UNITS	10	19MAY2003 - 26APR2004	12	7.566	0.176	7.310	7.420	7.525	7.755	7.810	0	0	0.00%
S10E	TURBIDITY	NTU	12	19MAY2003 - 26APR2004	12	4.328	1.598	2.000	3.050	4.200	5.455	7.300	0	0	0.00%
S10E	TSS	mg/L	16	19MAY2003 - 26APR2004	12	4.317	1.749	<3	<3	0.000	5.750	8.000	6	0	0.00%
S10E	COLOR	UNITS	13	19MAY2003 - 26APR2004	12	107.333	28.830	74.000	84.500	96.500	129.000	161.000	0	0	0.00%
S10E	HARDNESS	mg/L CaCO3	35	14JUL2003 - 26APR2004	4	284.425	87.390	200.000	218.850	268.850	350.000	400.000	0	0	0.00%
S10E	TEMP	CENT	7	19MAY2003 - 26APR2004	12	24.544	5.243	15.400	20.100	26.500	29.170	29.820	0	0	0.00%
S10E	ALKALINITY	mg/L	67	19MAY2003 - 26APR2004	12	245.375	39.432	181.000	215.890	245.000	282.000	300.880	0	0	0.00%
S10E	TN	mg N/L	80	19MAY2003 - 26APR2004	12	2.236	0.473	1.570	1.844	2.224	2.535	3.102	0	0	0.00%
S10E	NOX	mg N/L	18;180	19MAY2003 - 26APR2004	12	0.054	0.119	<0.004	0.005	0.006	0.042	0.422	1	0	0.00%
S10E	NO2	mg N/L	19	19MAY2003 - 26APR2004	12	0.008	0.010	<0.004	0.004	0.005	0.006	0.037	2	0	0.00%
S10E	NO3	mg N/L	78	19MAY2003 - 26APR2004	12	0.048	0.109	<0.004	<0.004	0.001	0.036	0.385	6	0	0.00%
S10E	NH4	mg N/L	20	19MAY2003 - 26APR2004	12	0.023	0.023	<0.009	0.011	0.013	0.027	0.083	1	0	0.00%
S10E	UN-IONIZED AMMONIA	mg/L	NONE	19MAY2003 - 26APR2004	12	0.001	0.001	0.000	0.000	0.000	0.001	0.002	0	0	0.00%
S10E	NNH4	mg N/L	92	19MAY2003 - 26APR2004	12	0.075	0.139	0.004	0.015	0.019	0.075	0.505	0	0	0.00%
S10E	ORGN	mg N/L	79	19MAY2003 - 26APR2004	12	2.160	0.397	1.513	1.835	2.194	2.517	2.740	0	0	0.00%
S10E	TKN	mg N/L	21	19MAY2003 - 26APR2004	12	2.183	0.405	1.560	1.840	2.205	2.530	2.780	0	0	0.00%
S10E	OPO4	mg P/L	23	19MAY2003 - 26APR2004	12	0.013	0.016	0.005	0.006	0.007	0.013	0.061	0	0	0.00%
S10E	TP	mg P/L	25	19MAY2003 - 26APR2004	12	0.036	0.015	0.022	0.028	0.031	0.040	0.079	0	0	0.00%
S10E	DIS. CA	mg/L	30	14JUL2003 - 26APR2004	4	72.362	16.835	53.800	59.273	71.473	85.450	92.700	0	0	0.00%
S10E	DIS. K	mg/L	29	14JUL2003 - 26APR2004	4	8.216	2.030	6.265	6.483	8.150	9.950	10.300	0	0	0.00%
S10E	DIS. MG	mg/L	31	14JUL2003 - 26APR2004	4	25.745	7.656	18.481	19.241	25.300	32.250	33.900	0	0	0.00%
S10E	DIS. NA	mg/L	28	14JUL2003 - 26APR2004	4	98.157	26.466	71.127	75.814	97.750	120.500	126.000	0	0	0.00%
S10E	TOT. CL	mg/L	32	19MAY2003 - 26APR2004	12	151.508	27.502	101.910	134.120	155.970	167.500	195.000	0	0	0.00%
S10E	TOT. SO4	mg/L	33	14JUL2003 - 26APR2004	4	65.423	31.110	36.800	38.795	63.695	92.050	97.500	0	0	0.00%
S10E	DIS. SILICA	mg/L	27	14JUL2003 - 26APR2004	4	16.171	9.365	5.490	9.842	15.497	22.500	28.200	0	0	0.00%
S10E	TOT. FE	mg/L	177	14JUL2003 - 26APR2004	3	0.03135	0.00351	0.028	0.028	0.031051	0.035	0.035	0	0	0.00%
S34	DO	mg/L	8	12MAY2003 - 26APR2004	17	4.034	1.435	1.870	2.900	3.760	4.960	6.580	0	13	76.47%
S34	FLDCOND.	UMHOS/CM	9	12MAY2003 - 26APR2004	19	812.895	116.237	612.000	751.000	826.000	915.000	1044.000	0	0	0.00%
S34	PH	UNITS	10	12MAY2003 - 26APR2004	19	7.359	0.158	7.140	7.230	7.350	7.410	7.860	0	0	0.00%
S34	TURBIDITY	NTU	12	12MAY2003 - 26APR2004	18	2.337	2.792	0.374	0.900	1.750	2.500	12.800	0	0	0.00%
S34	TSS	mg/L	16	12MAY2003 - 26APR2004	19	3.900	3.923	<3	<3	<3	<3	20.100	18	0	0.00%
S34	COLOR	UNITS	13	12MAY2003 - 26APR2004	18	74.167	16.274	49.000	59.000	75.500	91.000	101.000	0	0	0.00%
S34	TEMP	CENT	7	12MAY2003 - 26APR2004	19	24.607	5.063	14.000	20.200	25.900	29.400	30.100	0	0	0.00%
S34	ALKALINITY	mg/L	67	12MAY2003 - 26APR2004	19	217.141	17.219	190.000	208.000	214.000	221.000	258.000	0	0	0.00%
S34	TN	mg N/L	80	12MAY2003 - 26APR2004	19	1.617	0.208	1.322	1.504	1.606	1.725	2.271	0	0	0.00%
S34	NOX	mg N/L	18;180	12MAY2003 - 26APR2004	18	0.049	0.047	0.005	0.017	0.038	0.056	0.166	0	0	0.00%
S34	NO2	mg N/L	19	12MAY2003 - 26APR2004	18	0.006	0.003	<0.004	0.004	0.005	0.006	0.013	4	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S34	NO3	mg N/L	78	12MAY2003 - 26APR2004	17	0.045118	0.04524	<0.004	0.014	0.037	0.05	0.153	1	0	0.00%
S34	NH4	mg N/L	20	12MAY2003 - 26APR2004	19	0.051	0.043	0.010	0.023	0.046	0.060	0.200	0	0	0.00%
S34	UN-IONIZED AMMONIA	mg/L	NONE	12MAY2003 - 26APR2004	19	0.001	0.001	0.000	0.000	0.001	0.001	0.003	0	0	0.00%
S34	NNH4	mg N/L	92	12MAY2003 - 26APR2004	18	0.102	0.079	0.030	0.042	0.077	0.138	0.335	0	0	0.00%
S34	ORGN	mg N/L	79	12MAY2003 - 26APR2004	19	1.520	0.232	1.220	1.385	1.475	1.626	2.240	0	0	0.00%
S34	TKN	mg N/L	21	12MAY2003 - 26APR2004	19	1.571	0.213	1.280	1.440	1.560	1.660	2.250	0	0	0.00%
S34	OPO4	mg P/L	23	12MAY2003 - 26APR2004	18	0.007	0.004	0.004	0.005	0.006	0.008	0.018	0	0	0.00%
S34	TP	mg P/L	25	12MAY2003 - 26APR2004	19	0.023	0.010	0.007	0.017	0.021	0.026	0.053	0	0	0.00%
S34	DIS. K	mg/L	29	07JUL2003 - 26APR2004	4	5.231	0.609	4.400	4.800	5.350	5.661	5.822	0	0	0.00%
S34	DIS. NA	mg/L	28	07JUL2003 - 26APR2004	4	70.094	14.947	54.700	58.700	68.238	81.488	89.200	0	0	0.00%
S34	TOT. CL	mg/L	32	12MAY2003 - 26APR2004	19	103.357	23.908	67.500	86.900	98.600	112.000	156.420	0	0	0.00%
S34	TOT. SO4	mg/L	33	07JUL2003 - 26APR2004	4	33.073	6.863	22.800	29.350	36.245	36.795	37.000	0	0	0.00%
S34	DIS. SILICA	mg/L	27	07JUL2003 - 26APR2004	3	14.073	3.850	9.640	9.640	16.000	16.578	16.578	0	0	0.00%
S142	DO	mg/L	8	28MAY2003 - 26APR2004	24	3.693	1.498	1.450	2.610	3.495	4.840	6.950	0	19	79.17%
S142	FLDCOND.	UMHOS/CM	9	28MAY2003 - 26APR2004	26	823.115	99.897	599.000	759.000	841.500	892.000	985.000	0	0	0.00%
S142	PH	UNITS	10	28MAY2003 - 26APR2004	26	7.397	0.161	7.130	7.270	7.395	7.480	7.720	0	0	0.00%
S142	TURBIDITY	NTU	12	28MAY2003 - 26APR2004	24	1.921	1.317	0.500	0.900	1.685	2.500	5.900	0	0	0.00%
S142	TSS	mg/L	16	28MAY2003 - 26APR2004	25	3.176	0.880	<3	<3	<3	<3	7.400	22	0	0.00%
S142	COLOR	UNITS	13	28MAY2003 - 26APR2004	24	75.458	17.416	50.000	60.000	74.000	91.000	105.000	0	0	0.00%
S142	HARDNESS	mg/L CaCO3	35	07JUL2003 - 12APR2004	4	262.850	47.754	200.000	225.700	275.700	300.000	300.000	0	0	0.00%
S142	TEMP	CENT	7	28MAY2003 - 26APR2004	26	24.660	4.538	13.800	20.900	25.700	28.340	29.500	0	0	0.00%
S142	ALKALINITY	mg/L	67	28MAY2003 - 26APR2004	25	226.123	29.730	189.000	207.740	215.000	238.000	302.000	0	0	0.00%
S142	TN	mg N/L	80	28MAY2003 - 26APR2004	25	1.766	0.448	1.348	1.572	1.657	1.769	3.306	0	0	0.00%
S142	NOX	mg N/L	18;180	28MAY2003 - 26APR2004	24	0.168	0.344	0.004	0.014	0.039	0.128	1.406	0	0	0.00%
S142	NO2	mg N/L	19	28MAY2003 - 26APR2004	24	0.009	0.008	<0.004	0.000	0.005	0.012	0.040	6	0	0.00%
S142	NO3	mg N/L	78	28MAY2003 - 26APR2004	22	0.127	0.296	<0.004	0.011	0.037	0.108	1.366	1	0	0.00%
S142	NH4	mg N/L	20	28MAY2003 - 26APR2004	25	0.073	0.067	0.017	0.032	0.052	0.084	0.305	0	0	0.00%
S142	UN-IONIZED AMMONIA	mg/L	NONE	28MAY2003 - 26APR2004	25	0.002	0.002	0.000	0.001	0.001	0.001	0.011	0	0	0.00%
S142	NNH4	mg N/L	92	28MAY2003 - 26APR2004	24	0.244	0.352	0.022	0.060	0.108	0.250	1.467	0	0	0.00%
S142	ORGN	mg N/L	79	28MAY2003 - 26APR2004	25	1.531	0.171	1.217	1.420	1.531	1.640	1.859	0	0	0.00%
S142	TKN	mg N/L	21	28MAY2003 - 26APR2004	25	1.604	0.163	1.300	1.520	1.610	1.690	1.900	0	0	0.00%
S142	OPO4	mg P/L	23	28MAY2003 - 26APR2004	23	0.008	0.005	<0.004	0.005	0.007	0.009	0.027	1	0	0.00%
S142	TP	mg P/L	25	28MAY2003 - 26APR2004	24	0.024	0.008	0.009	0.017	0.023	0.030	0.039	0	0	0.00%
S142	DIS. CA	mg/L	30	07JUL2003 - 12APR2004	4	71.184	12.823	60.900	62.318	67.218	80.050	89.400	0	0	0.00%
S142	DIS. K	mg/L	29	07JUL2003 - 12APR2004	4	4.772	0.837	3.800	4.100	4.800	5.443	5.686	0	0	0.00%
S142	DIS. MG	mg/L	31	07JUL2003 - 12APR2004	4	22.356	1.392	20.700	21.450	22.311	23.261	24.100	0	0	0.00%
S142	DIS. NA	mg/L	28	07JUL2003 - 12APR2004	4	71.163	5.860	62.400	67.927	73.877	74.400	74.500	0	0	0.00%
S142	TOT. CL	mg/L	32	28MAY2003 - 26APR2004	25	101.068	15.516	65.200	94.000	105.540	110.000	133.000	0	0	0.00%
S142	TOT. SO4	mg/L	33	07JUL2003 - 26APR2004	5	26.588	11.456	8.000	25.700	27.300	34.940	37.000	0	0	0.00%
S142	DIS. SILICA	mg/L	27	07JUL2003 - 26APR2004	4	12.938	4.286	8.150	9.325	13.400	16.552	16.803	0	0	0.00%
S11A	DO	mg/L	8	28MAY2003 - 26APR2004	18	5.457	1.812	2.570	4.130	5.725	6.340	9.680	0	7	38.89%
S11A	FLDCOND.	UMHOS/CM	9	28MAY2003 - 26APR2004	19	877.474	223.030	507.000	742.000	812.000	#####	1192.000	0	0	0.00%
S11A	PH	UNITS	10	28MAY2003 - 26APR2004	19	7.602	0.248	7.260	7.390	7.520	7.860	8.070	0	0	0.00%
S11A	TURBIDITY	NTU	12	28MAY2003 - 26APR2004	17	2.228	1.864	0.538	0.900	1.200	3.600	6.400	0	0	0.00%
S11A	TSS	mg/L	16	28MAY2003 - 26APR2004	18	3.611	1.290	<3	<3	<3	<3	7.000	14	0	0.00%
S11A	COLOR	UNITS	13	28MAY2003 - 26APR2004	17	73.176	11.711	53.000	63.000	73.000	83.000	90.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S11A	TEMP	CENT	7	28MAY2003 - 26APR2004	19	25.154	5.028	13.400	21.500	26.500	29.600	31.200	0	0	0.00%
S11A	ALKALINITY	mg/L	67	28MAY2003 - 26APR2004	18	202.474	44.072	138.000	174.000	190.180	233.000	297.000	0	0	0.00%
S11A	TN	mg N/L	80	28MAY2003 - 26APR2004	18	1.806	0.663	1.065	1.454	1.688	1.904	4.110	0	0	0.00%
S11A	NOX	mg N/L	18,180	28MAY2003 - 26APR2004	18	0.115	0.382	<0.004	0.004	0.010	0.030	1.640	1	0	0.00%
S11A	NO2	mg N/L	19	28MAY2003 - 26APR2004	17	0.005	0.003	<0.004	<0.004	<0.004	0.004	0.015	10	0	0.00%
S11A	NO3	mg N/L	78	28MAY2003 - 26APR2004	16	0.019	0.028	<0.004	0.004	0.006	0.021	0.093	2	0	0.00%
S11A	NH4	mg N/L	20	28MAY2003 - 26APR2004	18	0.031	0.039	<0.009	0.010	0.014	0.027	0.143	3	0	0.00%
S11A	UN-IONIZED AMMONIA	mg/L	NONE	28MAY2003 - 26APR2004	18	0.001	0.001	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
S11A	NNH4	mg N/L	92	28MAY2003 - 26APR2004	18	0.144	0.400	0.004	0.016	0.023	0.058	1.723	0	0	0.00%
S11A	ORGN	mg N/L	79	28MAY2003 - 26APR2004	18	1.662	0.368	1.041	1.423	1.592	1.900	2.387	0	0	0.00%
S11A	TKN	mg N/L	21	28MAY2003 - 26APR2004	18	1.691	0.379	1.060	1.450	1.635	1.900	2.470	0	0	0.00%
S11A	OPO4	mg P/L	23	28MAY2003 - 26APR2004	16	0.007	0.003	0.004	0.005	0.006	0.009	0.015	0	0	0.00%
S11A	TP	mg P/L	25	28MAY2003 - 26APR2004	16	0.022	0.014	0.008	0.012	0.018	0.036	0.049	0	0	0.00%
S11A	DIS. K	mg/L	29	21JUL2003 - 26APR2004	4	5.753	0.950	4.711	4.956	5.800	6.550	6.700	0	0	0.00%
S11A	DIS. NA	mg/L	28	21JUL2003 - 26APR2004	4	77.372	14.176	64.000	67.744	74.194	87.000	97.100	0	0	0.00%
S11A	TOT. CL	mg/L	32	28MAY2003 - 26APR2004	18	118.980	35.290	61.500	96.690	110.815	156.000	185.000	0	0	0.00%
S11A	TOT. SO4	mg/L	33	21JUL2003 - 26APR2004	4	29.605	11.3304	15.52	21.66	30	37.55	42.9	0	0	0.00%
S11A	DIS. SILICA	mg/L	27	21JUL2003 - 26APR2004	3	13.131	7.018	5.260	5.260	15.400	18.734	18.734	0	0	0.00%
S145	DO	mg/L	8	12MAY2003 - 26APR2004	14	4.994	1.329	2.260	4.460	4.735	5.400	7.110	0	9	64.29%
S145	FLDCOND.	UMHOS/CM	9	12MAY2003 - 26APR2004	16	757.188	194.726	494.000	556.000	780.000	918.500	1130.000	0	0	0.00%
S145	PH	UNITS	10	12MAY2003 - 26APR2004	16	7.511	0.212	7.000	7.490	7.520	7.585	7.860	0	0	0.00%
S145	TURBIDITY	NTU	12	12MAY2003 - 26APR2004	15	1.435	1.487	0.376	0.600	0.800	2.200	5.900	0	0	0.00%
S145	TSS	mg/L	16	12MAY2003 - 26APR2004	15	3.8	2.56905	<3	<3	<3	<3	13	12	0	0.00%
S145	COLOR	UNITS	13	12MAY2003 - 26APR2004	15	68.333	14.840	51.000	54.000	67.000	82.000	96.000	0	0	0.00%
S145	TEMP	CENT	7	12MAY2003 - 26APR2004	16	24.548	5.351	13.400	20.950	25.650	29.050	31.090	0	0	0.00%
S145	ALKALINITY	mg/L	67	12MAY2003 - 26APR2004	15	182.759	35.672	136.860	150.930	188.000	201.970	269.000	0	0	0.00%
S145	TN	mg N/L	80	12MAY2003 - 26APR2004	15	1.574	0.428	1.004	1.221	1.490	1.943	2.431	0	0	0.00%
S145	NOX	mg N/L	18,180	12MAY2003 - 26APR2004	14	0.021	0.022	0.004	0.006	0.012	0.030	0.081	0	0	0.00%
S145	NO2	mg N/L	19	12MAY2003 - 26APR2004	15	0.005	0.001	<0.004	<0.004	<0.004	0.005	0.009	8	0	0.00%
S145	NO3	mg N/L	78	12MAY2003 - 26APR2004	13	0.021	0.019	<0.004	0.006	0.013	0.025	0.072	2	0	0.00%
S145	NH4	mg N/L	20	12MAY2003 - 26APR2004	15	0.062	0.134	<0.009	0.011	0.016	0.058	0.538	2	0	0.00%
S145	UN-IONIZED AMMONIA	mg/L	NONE	12MAY2003 - 26APR2004	15	0.001	0.003	0.000	0.000	0.001	0.001	0.012	0	0	0.00%
S145	NNH4	mg N/L	92	12MAY2003 - 26APR2004	14	0.086	0.151	0.005	0.020	0.025	0.080	0.586	0	0	0.00%
S145	ORGN	mg N/L	79	12MAY2003 - 26APR2004	15	1.493	0.366	0.984	1.210	1.420	1.682	2.382	0	0	0.00%
S145	TKN	mg N/L	21	12MAY2003 - 26APR2004	15	1.554	0.416	1.000	1.210	1.460	1.910	2.410	0	0	0.00%
S145	OPO4	mg P/L	23	12MAY2003 - 26APR2004	15	0.006	0.003	<0.004	0.004	0.006	0.007	0.013	2	0	0.00%
S145	TP	mg P/L	25	12MAY2003 - 26APR2004	14	0.015	0.011	0.006	0.007	0.010	0.017	0.039	0	0	0.00%
S145	DIS. K	mg/L	29	07JUL2003 - 26APR2004	4	4.995	1.31812	3.1	4.14	5.39	5.85	6.1	0	0	0.00%
S145	DIS. NA	mg/L	28	07JUL2003 - 26APR2004	4	64.903	19.378	47.000	52.856	60.106	76.950	92.400	0	0	0.00%
S145	TOT. CL	mg/L	32	12MAY2003 - 26APR2004	15	111.519	34.831	57.400	76.100	116.000	136.000	176.000	0	0	0.00%
S145	TOT. SO4	mg/L	33	07JUL2003 - 26APR2004	4	24.250	12.094	8.900	15.450	25.200	33.050	37.700	0	0	0.00%
S145	DIS. SILICA	mg/L	27	07JUL2003 - 26APR2004	3	14.136	6.695	6.450	6.450	17.257	18.700	18.700	0	0	0.00%
S151	DO	mg/L	8	28MAY2003 - 26APR2004	14	3.276	1.220	1.770	2.060	3.025	4.190	5.490	0	13	92.86%
S151	FLDCOND.	UMHOS/CM	9	28MAY2003 - 26APR2004	14	702.714	98.878	542.000	638.000	692.000	773.000	914.000	0	0	0.00%
S151	PH	UNITS	10	28MAY2003 - 26APR2004	14	7.352	0.128	7.160	7.230	7.360	7.470	7.530	0	0	0.00%
S151	TURBIDITY	NTU	12	28MAY2003 - 26APR2004	13	1.655	1.056	0.600	1.100	1.400	1.780	3.930	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S151	TSS	mg/L	16	28MAY2003 - 26APR2004	13	3.000	0.000	<3	<3	<3	<3	<3	13	0	0.00%
S151	COLOR	UNITS	13	28MAY2003 - 26APR2004	13	59.846	14.565	42.000	48.000	57.000	72.000	87.000	0	0	0.00%
S151	TEMP	CENT	7	28MAY2003 - 26APR2004	14	24.299	4.329	15.300	21.500	25.550	27.900	29.570	0	0	0.00%
S151	ALKALINITY	mg/L	67	28MAY2003 - 26APR2004	13	215.598	17.787	190.500	211.000	216.000	222.600	259.000	0	0	0.00%
S151	TN	mg N/L	80	28MAY2003 - 26APR2004	13	1.375	0.124	1.207	1.289	1.376	1.442	1.663	0	0	0.00%
S151	NOX	mg N/L	18,180	28MAY2003 - 26APR2004	12	0.080	0.053	0.028	0.045	0.066	0.095	0.217	0	0	0.00%
S151	NO2	mg N/L	19	28MAY2003 - 26APR2004	13	0.006	0.003	<0.004	0.004	0.005	0.007	0.015	2	0	0.00%
S151	NO3	mg N/L	78	28MAY2003 - 26APR2004	11	0.074	0.052	0.028	0.037	0.054	0.094	0.202	0	0	0.00%
S151	NH4	mg N/L	20	28MAY2003 - 26APR2004	13	0.094	0.050	0.031	0.068	0.074	0.115	0.224	0	0	0.00%
S151	UN-IONIZED AMMONIA	mg/L	NONE	28MAY2003 - 26APR2004	13	0.001	0.001	0.000	0.001	0.001	0.002	0.005	0	0	0.00%
S151	NNH4	mg N/L	92	28MAY2003 - 26APR2004	12	0.176	0.086	0.076	0.111	0.165	0.210	0.346	0	0	0.00%
S151	ORGN	mg N/L	79	28MAY2003 - 26APR2004	13	1.208	0.181	0.911	1.083	1.202	1.331	1.531	0	0	0.00%
S151	TKN	mg N/L	21	28MAY2003 - 26APR2004	13	1.302	0.149	1.040	1.200	1.280	1.400	1.590	0	0	0.00%
S151	OPO4	mg P/L	23	28MAY2003 - 26APR2004	13	0.005	0.001	<0.004	0.004	0.004	0.006	0.007	2	0	0.00%
S151	TP	mg P/L	25	28MAY2003 - 26APR2004	12	0.0145	0.00562	8.00E-03	0.011	0.012	0.017	0.027	0	0	0.00%
S151	DIS. K	mg/L	29	21JUL2003 - 26APR2004	4	4.000	0.983	3.100	3.150	4.000	4.850	4.900	0	0	0.00%
S151	DIS. NA	mg/L	28	21JUL2003 - 26APR2004	4	55.880	8.067	45.400	49.650	57.311	62.111	63.500	0	0	0.00%
S151	TOT. CL	mg/L	32	28MAY2003 - 26APR2004	13	79.181	16.796	51.860	67.200	79.800	89.370	112.000	0	0	0.00%
S151	TOT. SO4	mg/L	33	21JUL2003 - 26APR2004	4	16.065	8.960	6.700	8.850	15.430	23.280	26.700	0	0	0.00%
S151	DIS. SILICA	mg/L	27	21JUL2003 - 26APR2004	4	10.636	5.729	2.730	6.465	12.158	14.808	15.500	0	0	0.00%
S151	TOT. MTHY HG	ng/L	203	19MAY2003 - 17FEB2004	4	0.110	0.034	0.086	0.090	0.097	0.130	0.160	0	0	0.00%
S333	DO	mg/L	8	05MAY2003 - 19APR2004	28	3.091	1.285	0.330	2.010	3.185	4.255	5.090	0	27	96.43%
S333	FLDCOND.	UMHOS/CM	9	05MAY2003 - 19APR2004	27	550.667	120.917	289.000	470.000	601.300	626.000	718.000	0	0	0.00%
S333	PH	UNITS	10	05MAY2003 - 19APR2004	27	7.294	0.166	6.820	7.200	7.320	7.420	7.600	0	0	0.00%
S333	TURBIDITY	NTU	12	05MAY2003 - 19APR2004	21	1.448	0.891	0.300	0.800	1.200	1.950	3.760	0	0	0.00%
S333	TSS	mg/L	16	05MAY2003 - 19APR2004	21	3.052	0.218	<3	<3	<3	<3	4.000	19	0	0.00%
S333	COLOR	UNITS	13	05MAY2003 - 19APR2004	20	48.850	17.153	22.000	36.000	49.000	66.000	74.000	0	0	0.00%
S333	HARDNESS	mg/L CaCO3	35	05MAY2003 - 19APR2004	24	179.254	49.270	100.000	129.900	200.000	201.000	244.900	0	0	0.00%
S333	TEMP	CENT	7	05MAY2003 - 19APR2004	28	25.045	4.136	17.500	21.550	25.600	28.920	30.610	0	0	0.00%
S333	ALKALINITY	mg/L	67	05MAY2003 - 19APR2004	21	173.317	31.611	116.000	149.000	180.000	196.000	218.000	0	0	0.00%
S333	TN	mg N/L	80	05MAY2003 - 19APR2004	22	1.143	0.300	<0.5	0.941	1.156	1.296	2.005	1	0	0.00%
S333	NOX	mg N/L	18,180	05MAY2003 - 19APR2004	20	0.087	0.147	0.012	0.033	0.048	0.081	0.695	0	0	0.00%
S333	NO2	mg N/L	19	05MAY2003 - 19APR2004	20	0.005	0.004	<0.004	<0.004	<0.004	0.004	0.021	13	0	0.00%
S333	NO3	mg N/L	78	05MAY2003 - 19APR2004	18	0.087	0.150	0.012	0.032	0.044	0.085	0.674	0	0	0.00%
S333	NH4	mg N/L	20	05MAY2003 - 19APR2004	22	0.036	0.016	<0.009	0.029	0.031	0.039	0.092	1	0	0.00%
S333	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2003 - 19APR2004	22	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S333	NNH4	mg N/L	92	05MAY2003 - 19APR2004	20	0.124	0.150	0.012	0.066	0.084	0.117	0.734	0	0	0.00%
S333	ORGN	mg N/L	79	05MAY2003 - 19APR2004	21	1.057	0.178	0.769	0.941	1.088	1.196	1.344	0	0	0.00%
S333	TKN	mg N/L	21	05MAY2003 - 19APR2004	21	1.093	0.185	0.790	0.970	1.120	1.240	1.380	0	0	0.00%
S333	OPO4	mg P/L	23	05MAY2003 - 19APR2004	20	0.005	0.001	<0.004	<0.004	0.000	0.005	0.009	10	0	0.00%
S333	ALKALINE PHOS	nM/minml	168	05MAY2003 - 19APR2004	19	4.400	2.309	1.000	3.000	4.000	6.000	9.000	0	0	0.00%
S333	TP	mg P/L	25	05MAY2003 - 19APR2004	26	0.011	0.004	0.006	0.008	0.010	0.013	0.020	0	0	0.00%
S333	DIS. CA	mg/L	30	05MAY2003 - 19APR2004	24	56.795	8.419	42.300	49.800	57.584	62.628	73.400	0	0	0.00%
S333	DIS. K	mg/L	29	05MAY2003 - 19APR2004	22	2.968	1.218	0.900	1.500	3.350	4.078	4.681	0	0	0.00%
S333	DIS. MG	mg/L	31	05MAY2003 - 19APR2004	24	11.075	4.500	3.600	6.409	12.099	14.652	17.585	0	0	0.00%
S333	DIS. NA	mg/L	28	05MAY2003 - 19APR2004	22	38.065	13.641	14.100	24.500	43.150	49.000	60.627	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S333	TOT. CL	mg/L	32	05MAY2003 - 19APR2004	20	59.107	20.305	22.700	39.780	68.625	74.635	87.320	0	0	0.00%
S333	TOT. SO4	mg/L	33	01JUL2003 - 05APR2004	4	10.855	6.239	2.000	6.600	12.650	15.110	16.120	0	0	0.00%
S333	DIS. SILICA	mg/L	27	01JUL2003 - 05APR2004	4	9.099	3.415	4.190	6.815	10.203	11.383	11.800	0	0	0.00%
S333	TOT. FE	mg/L	177	01JUL2003 - 05APR2004	4	0.066	0.033	0.034	0.046	0.059	0.086	0.112	0	0	0.00%
S333	TOT. CD	ug/L	103	16JUL2003 - 28JAN2004	2	0.582	0.399	<0.3	<0.3	0.282	0.864	0.864	1	0	0.00%
S333	TOT. CU	ug/L	104	16JUL2003 - 28JAN2004	2	3.380	3.082	<1.2	<1.2	2.180	5.559	5.559	1	0	0.00%
S333	TOT. ZN	ug/L	105	16JUL2003 - 28JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S333	CAROTENOID	mg/m3	63	05MAY2003 - 19APR2004	21	1.276	0.461	<1	<1	1.000	1.200	2.400	10	0	0.00%
S333	CHLA	mg/m3	61	05MAY2003 - 19APR2004	21	1.942857	1.34557	<1	<1	1.2	2.7	6.5	6	0	0.00%
S333	CHLA2	mg/m3	112	05MAY2003 - 19APR2004	21	1.862	0.968	<1	1.000	2.000	2.000	4.900	2	0	0.00%
S333	CHLB	mg/m3	62	05MAY2003 - 19APR2004	21	1.000	0.000	<1	<1	<1	<1	<1	21	0	0.00%
S333	CHLC	mg/m3	113	05MAY2003 - 19APR2004	21	1.000	0.000	<1	<1	<1	<1	<1	21	0	0.00%
S333	PHEOPHYTIN A	mg/m3	64	05MAY2003 - 19APR2004	21	1.071	0.243	<1	<1	<1	<1	2.100	18	0	0.00%
C123SR84	DO	mg/L	8	27MAY2003 - 27APR2004	17	4.459	2.403	1.440	2.340	4.200	5.870	8.480	0	9	52.94%
C123SR84	FLDCOND.	UMHOS/CM	9	27MAY2003 - 27APR2004	17	603.000	138.121	106.000	599.000	626.000	648.000	746.000	0	0	0.00%
C123SR84	PH	UNITS	10	27MAY2003 - 27APR2004	17	7.315	0.225	6.880	7.210	7.240	7.380	7.770	0	0	0.00%
C123SR84	TURBIDITY	NTU	12	27MAY2003 - 27APR2004	16	2.416	1.799	0.600	0.966	2.045	3.250	7.640	0	0	0.00%
C123SR84	TSS	mg/L	16	27MAY2003 - 27APR2004	16	3.888	2.226	<3	<3	<3	4.000	11.900	9	0	0.00%
C123SR84	COLOR	UNITS	13	27MAY2003 - 27APR2004	16	73.000	21.488	45.000	52.500	77.000	85.000	121.000	0	0	0.00%
C123SR84	TEMP	CENT	7	27MAY2003 - 27APR2004	17	24.955	4.292	14.200	23.200	27.000	28.100	28.760	0	0	0.00%
C123SR84	ALKALINITY	mg/L	67	27MAY2003 - 27APR2004	16	201.551	16.616	171.810	191.500	200.000	210.000	234.000	0	0	0.00%
C123SR84	TN	mg N/L	80	27MAY2003 - 27APR2004	16	1.502	0.450	1.058	1.278	1.367	1.448	2.860	0	0	0.00%
C123SR84	NOX	mg N/L	18;180	27MAY2003 - 27APR2004	16	0.148	0.314	<0.004	0.007	0.015	0.087	1.200	1	0	0.00%
C123SR84	NO2	mg N/L	19	27MAY2003 - 27APR2004	16	0.006	0.005	<0.004	<0.004	0.004	0.008	0.018	7	0	0.00%
C123SR84	NO3	mg N/L	78	27MAY2003 - 27APR2004	15	0.074	0.144	<0.004	0.007	0.010	0.072	0.515	2	0	0.00%
C123SR84	NH4	mg N/L	20	27MAY2003 - 27APR2004	16	0.031	0.024	<0.009	0.015	0.021	0.045	0.098	1	0	0.00%
C123SR84	UN-IONIZED AMMONIA	mg/L	NONE	27MAY2003 - 27APR2004	16	0.000417	0.00033	8.49E-05	0.00019	0.0003403	0.0005	0.001349	0	0	0.00%
C123SR84	NNH4	mg N/L	92	27MAY2003 - 27APR2004	16	0.178	0.333	0.007	0.026	0.042	0.145	1.298	0	0	0.00%
C123SR84	ORGN	mg N/L	79	27MAY2003 - 27APR2004	16	1.324	0.168	0.991	1.244	1.321	1.387	1.639	0	0	0.00%
C123SR84	TKN	mg N/L	21	27MAY2003 - 27APR2004	16	1.354	0.177	1.010	1.270	1.355	1.415	1.690	0	0	0.00%
C123SR84	OPO4	mg P/L	23	27MAY2003 - 27APR2004	16	0.011	0.007	<0.004	0.006	0.008	0.014	0.031	1	0	0.00%
C123SR84	TP	mg P/L	25	27MAY2003 - 27APR2004	15	0.029	0.014	0.012	0.019	0.029	0.037	0.069	0	0	0.00%
C123SR84	DIS. K	mg/L	29	28OCT2003 - 20JAN2004	2	3.450	0.354	3.200	3.200	3.450	3.700	3.700	0	0	0.00%
C123SR84	DIS. NA	mg/L	28	28OCT2003 - 20JAN2004	2	40.350	1.626	39.200	39.200	40.350	41.500	41.500	0	0	0.00%
C123SR84	TOT. CL	mg/L	32	27MAY2003 - 27APR2004	16	65.439	7.506	52.200	60.815	64.110	70.100	83.700	0	0	0.00%
C123SR84	TOT. SO4	mg/L	33	22JUL2003 - 20JAN2004	3	10.597	3.512	6.600	6.600	12.000	13.190	13.190	0	0	0.00%
C123SR84	DIS. SILICA	mg/L	27	22JUL2003 - 20JAN2004	3	8.595	3.108	5.040	5.040	9.946	10.800	10.800	0	0	0.00%
G94B	DO	mg/L	8	19MAY2003 - 13APR2004	11	3.846	2.280	0.770	1.760	3.840	6.230	7.090	0	8	72.73%
G94B	FLDCOND.	UMHOS/CM	9	19MAY2003 - 13APR2004	12	653.000	181.989	390.000	500.000	647.000	715.500	1016.000	0	0	0.00%
G94B	PH	UNITS	10	19MAY2003 - 13APR2004	12	7.403	0.225	7.080	7.190	7.390	7.560	7.810	0	0	0.00%
G94B	TURBIDITY	NTU	12	19MAY2003 - 13APR2004	12	2.596	1.402	1.100	1.500	2.070	3.220	5.470	0	0	0.00%
G94B	TSS	mg/L	16	19MAY2003 - 13APR2004	12	4.925	3.225	<3	<3	<3	5.600	13.300	7	0	0.00%
G94B	COLOR	UNITS	13	19MAY2003 - 13APR2004	12	93.417	24.047	67.000	74.500	88.500	107.500	151.000	0	0	0.00%
G94B	HARDNESS	mg/L CaCO3	35	28JUL2003 - 13APR2004	4	160.400	48.778	100.000	120.800	170.800	200.000	200.000	0	0	0.00%
G94B	TEMP	CENT	7	19MAY2003 - 13APR2004	12	24.963	5.098	15.800	21.050	26.300	29.490	30.400	0	0	0.00%
G94B	ALKALINITY	mg/L	67	19MAY2003 - 13APR2004	12	183.773	50.303	102.000	151.500	170.500	225.000	264.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
G94B	TN	mg N/L	80	19MAY2003 - 13APR2004	12	1.741	0.464	1.301	1.475	1.589	1.771	2.707	0	0	0.00%
G94B	NOX	mg N/L	18;180	19MAY2003 - 13APR2004	12	0.034	0.027	0.004	0.006	0.045	0.046	0.075	0	0	0.00%
G94B	NO2	mg N/L	19	19MAY2003 - 13APR2004	12	0.008	0.004	0.004	0.004	0.006	0.011	0.016	0	0	0.00%
G94B	NO3	mg N/L	78	19MAY2003 - 13APR2004	12	0.027	0.023	<0.004	<0.004	0.031	0.040	0.065	4	0	0.00%
G94B	NH4	mg N/L	20	19MAY2003 - 13APR2004	12	0.065	0.071	<0.009	0.011	0.029	0.137	0.185	1	0	0.00%
G94B	UNIONIZED AMMONIA	mg/L	NONE	19MAY2003 - 13APR2004	12	0.001034	0.00115	8.75E-05	0.00027	0.0005999	0.0014	0.004048	0	0	0.00%
G94B	NNH4	mg N/L	92	19MAY2003 - 13APR2004	12	0.098	0.093	0.004	0.026	0.061	0.186	0.260	0	0	0.00%
G94B	ORGN	mg N/L	79	19MAY2003 - 13APR2004	12	1.643	0.494	1.185	1.285	1.486	1.745	2.650	0	0	0.00%
G94B	TKN	mg N/L	21	19MAY2003 - 13APR2004	12	1.708	0.463	1.290	1.415	1.575	1.765	2.660	0	0	0.00%
G94B	OPO4	mg P/L	23	19MAY2003 - 13APR2004	12	0.072	0.099	0.005	0.008	0.011	0.144	0.297	0	0	0.00%
G94B	TP	mg P/L	25	19MAY2003 - 13APR2004	12	0.118	0.109	0.025	0.037	0.080	0.176	0.381	0	0	0.00%
G94B	DIS. CA	mg/L	30	28JUL2003 - 13APR2004	4	52.010	20.759	32.000	36.370	48.320	67.650	79.400	0	0	0.00%
G94B	DIS. K	mg/L	29	28JUL2003 - 13APR2004	4	5.349	2.874	2.600	3.149	4.849	7.550	9.100	0	0	0.00%
G94B	DIS. MG	mg/L	31	28JUL2003 - 13APR2004	4	10.345	3.100	8.200	8.400	9.141	12.291	14.900	0	0	0.00%
G94B	DIS. NA	mg/L	28	28JUL2003 - 13APR2004	4	44.243	9.397	37.000	38.500	40.985	49.985	58.000	0	0	0.00%
G94B	TOT. CL	mg/L	32	19MAY2003 - 13APR2004	12	78.878	23.271	53.700	62.140	71.750	94.050	122.000	0	0	0.00%
G94B	TOT. SO4	mg/L	33	28JUL2003 - 13APR2004	4	17.405	8.296	8.200	10.710	17.310	24.100	26.800	0	0	0.00%
G94B	DIS. SILICA	mg/L	27	28JUL2003 - 13APR2004	4	10.735	7.917	3.640	4.445	9.249	17.024	20.800	0	0	0.00%
G94B	TOT. FE	mg/L	177	28JUL2003 - 13APR2004	4	0.055	0.027	0.041	0.042	0.042	0.069	0.095	0	0	0.00%
S38	DO	mg/L	8	12MAY2003 - 26APR2004	17	3.871	1.554	1.590	2.840	3.790	5.270	6.990	0	11	64.71%
S38	FLDCOND.	UMHOS/CM	9	12MAY2003 - 26APR2004	19	786.947	176.679	446.000	621.000	767.000	929.000	1079.000	0	0	0.00%
S38	PH	UNITS	10	12MAY2003 - 26APR2004	19	7.377	0.238	6.940	7.250	7.380	7.530	7.810	0	0	0.00%
S38	TURBIDITY	NTU	12	12MAY2003 - 26APR2004	19	1.167	1.021	0.400	0.600	0.709	1.100	4.200	0	0	0.00%
S38	TSS	mg/L	16	12MAY2003 - 26APR2004	19	3.000	0.000	<3	<3	<3	<3	3.000	18	0	0.00%
S38	COLOR	UNITS	13	12MAY2003 - 26APR2004	19	76.632	13.388	50.000	67.000	76.000	84.000	101.000	0	0	0.00%
S38	TEMP	CENT	7	12MAY2003 - 26APR2004	19	24.587	5.234	13.400	20.600	25.500	29.400	31.060	0	0	0.00%
S38	ALKALINITY	mg/L	67	12MAY2003 - 26APR2004	19	183.535	42.639	112.190	149.000	176.000	201.000	278.000	0	0	0.00%
S38	TN	mg N/L	80	12MAY2003 - 26APR2004	19	1.551	0.296	1.095	1.314	1.547	1.882	2.016	0	0	0.00%
S38	NOX	mg N/L	18;180	12MAY2003 - 26APR2004	18	0.037	0.058	<0.004	0.005	0.008	0.030	0.212	2	0	0.00%
S38	NO2	mg N/L	19	12MAY2003 - 26APR2004	19	0.005	0.001	<0.004	<0.004	0.004	0.005	0.008	8	0	0.00%
S38	NO3	mg N/L	78	12MAY2003 - 26APR2004	18	0.034	0.056	<0.004	<0.004	0.008	0.028	0.204	5	0	0.00%
S38	NH4	mg N/L	20	12MAY2003 - 26APR2004	19	0.031	0.049	<0.009	0.010	0.011	0.030	0.212	3	0	0.00%
S38	UNIONIZED AMMONIA	mg/L	NONE	12MAY2003 - 26APR2004	19	0.001	0.001	0.000	0.000	0.000	0.001	0.004	0	0	0.00%
S38	NNH4	mg N/L	92	12MAY2003 - 26APR2004	18	0.067	0.090	<0.009	0.015	0.019	0.078	0.274	1	0	0.00%
S38	ORGN	mg N/L	79	12MAY2003 - 26APR2004	19	1.487	0.233	1.090	1.299	1.529	1.608	1.866	0	0	0.00%
S38	TKN	mg N/L	21	12MAY2003 - 26APR2004	19	1.517	0.257	1.090	1.310	1.540	1.800	1.940	0	0	0.00%
S38	OPO4	mg P/L	23	12MAY2003 - 26APR2004	19	0.006	0.002	<0.004	0.004	0.006	0.007	0.011	1	0	0.00%
S38	TP	mg P/L	25	12MAY2003 - 26APR2004	16	0.015	0.007	0.006	0.009	0.014	0.020	0.028	0	0	0.00%
S38	DIS. K	mg/L	29	07JUL2003 - 26APR2004	4	5.640	0.733	5.000	5.031	5.531	6.250	6.500	0	0	0.00%
S38	DIS. NA	mg/L	28	07JUL2003 - 26APR2004	4	68.264	21.184	49.255	52.678	63.350	83.850	97.100	0	0	0.00%
S38	TOT. CL	mg/L	32	12MAY2003 - 26APR2004	19	112.110	28.769	54.760	85.600	110.000	138.000	151.010	0	0	0.00%
S38	TOT. SO4	mg/L	33	07JUL2003 - 26APR2004	4	26.213	10.785	17.000	17.975	23.625	34.450	40.600	0	0	0.00%
S38	DIS. SILICA	mg/L	27	07JUL2003 - 26APR2004	3	13.911	5.830	7.190	7.190	16.942	17.600	17.600	0	0	0.00%
S39	DO	mg/L	8	06MAY2003 - 13APR2004	17	6.259	1.794	3.410	4.570	6.250	8.010	8.600	0	5	29.41%
S39	FLDCOND.	UMHOS/CM	9	06MAY2003 - 13APR2004	17	778.294	197.544	425.000	633.000	737.000	918.000	1160.000	0	0	0.00%
S39	PH	UNITS	10	06MAY2003 - 13APR2004	17	7.766	0.230	7.170	7.690	7.840	7.940	8.030	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S39	TURBIDITY	NTU	12	06MAY2003 - 13APR2004	17	1.581	0.767	0.600	0.900	1.500	1.820	3.660	0	0	0.00%
S39	TSS	mg/L	16	06MAY2003 - 13APR2004	17	3.124	0.509	<3	<3	<3	<3	5.100	16	0	0.00%
S39	COLOR	UNITS	13	06MAY2003 - 13APR2004	17	81.471	27.837	48.000	61.000	73.000	102.000	144.000	0	0	0.00%
S39	HARDNESS	mg/L CaCO3	35	14JUL2003 - 13APR2004	4	200.275	81.652	100.000	150.000	200.550	250.550	300.000	0	0	0.00%
S39	TEMP	CENT	7	06MAY2003 - 13APR2004	17	25.472	5.098	14.700	20.500	28.350	29.490	31.500	0	0	0.00%
S39	ALKALINITY	mg/L	67	06MAY2003 - 13APR2004	17	176.017	50.687	100.340	140.000	174.710	212.790	291.000	0	0	0.00%
S39	TN	mg N/L	80	06MAY2003 - 13APR2004	17	1.727	0.473	1.295	1.401	1.575	1.906	3.162	0	0	0.00%
S39	NOX	mg N/L	18;180	06MAY2003 - 13APR2004	17	0.054	0.135	0.005	0.007	0.012	0.030	0.572	0	0	0.00%
S39	NO2	mg N/L	19	06MAY2003 - 13APR2004	17	0.011	0.022	<0.004	<0.004	0.004	0.005	0.096	7	0	0.00%
S39	NO3	mg N/L	78	06MAY2003 - 13APR2004	17	0.045	0.112	<0.004	0.005	0.012	0.030	0.476	2	0	0.00%
S39	NH4	mg N/L	20	06MAY2003 - 13APR2004	17	0.016	0.011	<0.009	0.009	0.011	0.015	0.046	2	0	0.00%
S39	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2003 - 13APR2004	17	0.001	0.001	0.000	0.000	0.000	0.001	0.003	0	0	0.00%
S39	NNH4	mg N/L	92	06MAY2003 - 13APR2004	17	0.068	0.143	0.008	0.017	0.023	0.055	0.618	0	0	0.00%
S39	ORGN	mg N/L	79	06MAY2003 - 13APR2004	17	1.658	0.369	1.278	1.380	1.561	1.851	2.544	0	0	0.00%
S39	TKN	mg N/L	21	06MAY2003 - 13APR2004	17	1.673	0.375	1.290	1.390	1.570	1.860	2.590	0	0	0.00%
S39	OPO4	mg P/L	23	06MAY2003 - 13APR2004	17	0.006	0.003	<0.004	0.004	0.005	0.007	0.013	3	0	0.00%
S39	TP	mg P/L	25	06MAY2003 - 13APR2004	17	0.024	0.008	0.010	0.016	0.027	0.029	0.038	0	0	0.00%
S39	DIS. CA	mg/L	30	14JUL2003 - 13APR2004	4	51.399	18.709	32.700	38.350	48.049	64.449	76.800	0	0	0.00%
S39	DIS. K	mg/L	29	14JUL2003 - 13APR2004	4	6.204	1.972	4.500	4.750	5.708	7.658	8.900	0	0	0.00%
S39	DIS. MG	mg/L	31	14JUL2003 - 13APR2004	4	18.463	7.571	13.100	13.550	15.626	23.376	29.500	0	0	0.00%
S39	DIS. NA	mg/L	28	14JUL2003 - 13APR2004	4	74.235	24.737	55.800	57.800	65.570	90.670	110.000	0	0	0.00%
S39	TOT. CL	mg/L	32	06MAY2003 - 13APR2004	17	109.844	25.712	55.850	93.900	103.000	129.000	162.000	0	0	0.00%
S39	TOT. SO4	mg/L	33	14JUL2003 - 13APR2004	4	43.340	27.341	22.600	26.200	33.730	60.480	83.300	0	0	0.00%
S39	DIS. SILICA	mg/L	27	14JUL2003 - 13APR2004	4	12.836	8.611	3.040	6.570	12.352	19.102	23.600	0	0	0.00%
S39	TOT. FE	mg/L	177	15OCT2003 - 13APR2004	3	0.010333	0.00404	0.006	0.006	0.011	0.014	0.014	0	0	0.00%
S197	DO	mg/L	8	30SEP2003 - 30SEP2003	1	2.520		2.520	2.520	2.520	2.520	2.520	0	1	100.00%
S197	FLDCOND.	UMHOS/CM	9	30SEP2003 - 30SEP2003	1	482.000		482.000	482.000	482.000	482.000	482.000	0	0	0.00%
S197	PH	UNITS	10	30SEP2003 - 30SEP2003	1	7.300		7.300	7.300	7.300	7.300	7.300	0	0	0.00%
S197	TURBIDITY	NTU	12	30SEP2003 - 30SEP2003	1	0.800		0.800	0.800	0.800	0.800	0.800	0	0	0.00%
S197	TSS	mg/L	16	30SEP2003 - 30SEP2003	1	3.000		<3	<3	<3	<3	<3	1	0	0.00%
S197	COLOR	UNITS	13	30SEP2003 - 30SEP2003	1	9.000		9.000	9.000	9.000	9.000	9.000	0	0	0.00%
S197	TEMP	CENT	7	30SEP2003 - 30SEP2003	1	26.500		26.500	26.500	26.500	26.500	26.500	0	0	0.00%
S197	ALKALINITY	mg/L	67	30SEP2003 - 30SEP2003	1	190.000		190.000	190.000	190.000	190.000	190.000	0	0	0.00%
S197	TN	mg N/L	80	30SEP2003 - 30SEP2003	1	0.532		0.532	0.532	0.532	0.532	0.532	0	0	0.00%
S197	NOX	mg N/L	18;180	30SEP2003 - 30SEP2003	1	0.092		0.092	0.092	0.092	0.092	0.092	0	0	0.00%
S197	NO2	mg N/L	19	30SEP2003 - 30SEP2003	1	0.004		0.004	0.004	0.004	0.004	0.004	0	0	0.00%
S197	NO3	mg N/L	78	30SEP2003 - 30SEP2003	1	0.088		0.088	0.088	0.088	0.088	0.088	0	0	0.00%
S197	NH4	mg N/L	20	30SEP2003 - 30SEP2003	1	0.054		0.054	0.054	0.054	0.054	0.054	0	0	0.00%
S197	UN-IONIZED AMMONIA	mg/L	NONE	30SEP2003 - 30SEP2003	1	0.001		0.001	0.001	0.001	0.001	0.001	0	0	0.00%
S197	NNH4	mg N/L	92	30SEP2003 - 30SEP2003	1	0.146		0.146	0.146	0.146	0.146	0.146	0	0	0.00%
S197	ORGN	mg N/L	79	30SEP2003 - 30SEP2003	1	0.386		0.386	0.386	0.386	0.386	0.386	0	0	0.00%
S197	TKN	mg N/L	21	30SEP2003 - 30SEP2003	1	0.440		0.440	0.440	0.440	0.440	0.440	0	0	0.00%
S197	OPO4	mg P/L	23	30SEP2003 - 30SEP2003	1	0.004		<0.004	<0.004	<0.004	<0.004	<0.004	1	0	0.00%
S197	TP	mg P/L	25	30SEP2003 - 30SEP2003	1	0.003		0.003	0.003	0.003	0.003	0.003	0	0	0.00%
S197	TOT. CL	mg/L	32	30SEP2003 - 30SEP2003	1	32.400		32.400	32.400	32.400	32.400	32.400	0	0	0.00%
S334	DO	mg/L	8	05MAY2003 - 19APR2004	18	3.634	1.896	0.190	3.010	3.450	5.060	7.140	0	13	72.22%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S334	FLDCOND.	UMHOS/CM	9	05MAY2003 - 19APR2004	18	531.822	88.561	354.300	480.000	532.500	606.000	683.000	0	0	0.00%
S334	PH	UNITS	10	05MAY2003 - 19APR2004	17	7.369	0.194	6.950	7.320	7.400	7.450	7.720	0	0	0.00%
S334	TURBIDITY	NTU	12	05MAY2003 - 19APR2004	18	1.567	1.454	0.700	1.030	1.180	1.400	7.180	0	0	0.00%
S334	TSS	mg/L	16	05MAY2003 - 19APR2004	18	3.306	1.296	<3	<3	<3	<3	8.500	17	0	0.00%
S334	COLOR	UNITS	13	05MAY2003 - 19APR2004	18	44.778	10.581	28.000	35.000	45.500	49.000	67.000	0	0	0.00%
S334	HARDNESS	mg/L CaCO3	35	01JUL2003 - 19APR2004	5	203.860	16.933	186.900	200.000	200.000	200.000	232.400	0	0	0.00%
S334	TEMP	CENT	7	05MAY2003 - 19APR2004	18	25.226	3.897	19.000	20.900	26.050	28.400	30.960	0	0	0.00%
S334	ALKALINITY	mg/L	67	05MAY2003 - 19APR2004	18	182.967	24.464	126.000	176.000	184.920	204.000	210.240	0	0	0.00%
S334	TN	mg N/L	80	05MAY2003 - 19APR2004	18	1.183	0.193	0.896	1.064	1.190	1.260	1.710	0	0	0.00%
S334	NOX	mg N/L	18,180	05MAY2003 - 19APR2004	16	0.045	0.016	0.013	0.035	0.043	0.056	0.077	0	0	0.00%
S334	NO2	mg N/L	19	05MAY2003 - 19APR2004	18	0.005	0.004	<0.004	<0.004	<0.004	<0.004	0.022	14	0	0.00%
S334	NO3	mg N/L	78	05MAY2003 - 19APR2004	16	0.042	0.016	0.013	0.033	0.039	0.052	0.077	0	0	0.00%
S334	NH4	mg N/L	20	05MAY2003 - 19APR2004	18	0.134	0.133	0.019	0.058	0.093	0.132	0.479	0	0	0.00%
S334	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2003 - 19APR2004	17	0.002	0.001	0.000	0.001	0.002	0.002	0.004	0	0	0.00%
S334	NNH4	mg N/L	92	05MAY2003 - 19APR2004	16	0.157	0.107	0.045	0.110	0.131	0.170	0.491	0	0	0.00%
S334	ORGN	mg N/L	79	05MAY2003 - 19APR2004	18	1.009	0.162	0.668	0.851	1.034	1.120	1.281	0	0	0.00%
S334	TKN	mg N/L	21	05MAY2003 - 19APR2004	18	1.143	0.195	0.870	1.020	1.140	1.240	1.710	0	0	0.00%
S334	OPO4	mg P/L	23	05MAY2003 - 19APR2004	18	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	13	0	0.00%
S334	TP	mg P/L	25	05MAY2003 - 19APR2004	18	0.013	0.007	0.007	0.008	0.010	0.015	0.038	0	0	0.00%
S334	DIS. CA	mg/L	30	01JUL2003 - 19APR2004	5	63.845	5.686	54.400	62.575	67.051	67.500	67.700	0	0	0.00%
S334	DIS. K	mg/L	29	01JUL2003 - 19APR2004	5	2.472	1.136	1.300	1.800	2.029	3.100	4.129	0	0	0.00%
S334	DIS. MG	mg/L	31	01JUL2003 - 19APR2004	5	9.746	4.173	6.000	7.100	7.457	12.400	15.774	0	0	0.00%
S334	DIS. NA	mg/L	28	01JUL2003 - 19APR2004	5	35.1996	13.929	20.9	26.64	28.6	46.7	53.158	0	0	0.00%
S334	TOT. CL	mg/L	32	05MAY2003 - 19APR2004	18	52.734	15.717	30.500	37.500	54.410	69.300	77.030	0	0	0.00%
S334	TOT. SO4	mg/L	33	01JUL2003 - 19APR2004	5	6.596	6.515	0.600	3.080	3.200	9.400	16.700	0	0	0.00%
S334	DIS. SILICA	mg/L	27	01JUL2003 - 19APR2004	5	8.526	2.996	4.140	7.356	8.600	10.900	11.632	0	0	0.00%
S334	TOT. MTHY HG	ng/L	203	16JUL2003 - 28APR2004	4	0.103	0.022	0.078	0.087	0.103	0.120	0.130	0	0	0.00%
US41-25	DO	mg/L	8	05MAY2003 - 19APR2004	27	2.662	0.923	0.110	2.460	2.790	3.230	4.020	0	27	100.00%
US41-25	FLDCOND.	UMHOS/CM	9	05MAY2003 - 19APR2004	26	336.623	72.727	216.000	253.000	348.500	393.000	456.100	0	0	0.00%
US41-25	PH	UNITS	10	05MAY2003 - 19APR2004	27	7.177	0.154	6.810	7.110	7.180	7.290	7.500	0	0	0.00%
US41-25	TURBIDITY	NTU	12	05MAY2003 - 19APR2004	23	0.965	0.649	0.400	0.516	0.700	1.180	3.000	0	0	0.00%
US41-25	TSS	mg/L	16	05MAY2003 - 19APR2004	23	3.000	0.000	<3	<3	<3	<3	<3	23	0	0.00%
US41-25	COLOR	UNITS	13	05MAY2003 - 19APR2004	23	25.217	11.642	17.000	19.000	22.000	25.000	68.000	0	0	0.00%
US41-25	HARDNESS	mg/L CaCO3	35	05MAY2003 - 19APR2004	24	155.592	44.752	100.000	100.000	167.750	200.000	200.000	0	0	0.00%
US41-25	TEMP	CENT	7	05MAY2003 - 19APR2004	27	25.074	3.955	18.100	22.000	25.300	28.880	29.460	0	0	0.00%
US41-25	ALKALINITY	mg/L	67	05MAY2003 - 19APR2004	23	148.605	32.140	101.000	109.000	159.280	177.000	199.000	0	0	0.00%
US41-25	TN	mg N/L	80	05MAY2003 - 19APR2004	24	0.705	0.109	0.550	0.630	0.690	0.740	1.010	0	0	0.00%
US41-25	NOX	mg N/L	18,180	05MAY2003 - 19APR2004	19	0.029947	0.01591	0.009	0.018	0.029	0.035	0.08	0	0	0.00%
US41-25	NO2	mg N/L	19	05MAY2003 - 19APR2004	23	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	22	0	0.00%
US41-25	NO3	mg N/L	78	05MAY2003 - 19APR2004	18	0.030	0.015	0.009	0.018	0.029	0.035	0.075	0	0	0.00%
US41-25	NH4	mg N/L	20	05MAY2003 - 19APR2004	24	0.058	0.028	0.018	0.032	0.059	0.083	0.115	0	0	0.00%
US41-25	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2003 - 19APR2004	24	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
US41-25	NNH4	mg N/L	92	05MAY2003 - 19APR2004	19	0.091	0.043	0.027	0.049	0.088	0.129	0.164	0	0	0.00%
US41-25	ORGN	mg N/L	79	05MAY2003 - 19APR2004	24	0.623	0.082	0.504	0.579	0.604	0.636	0.846	0	0	0.00%
US41-25	TKN	mg N/L	21	05MAY2003 - 19APR2004	24	0.681	0.094	0.550	0.625	0.670	0.700	0.930	0	0	0.00%
US41-25	OPO4	mg P/L	23	05MAY2003 - 19APR2004	23	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.006	19	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
US41-25	ALKALINE PHOS	nM/minml	168	05MAY2003 - 19APR2004	19	6.463	4.127	2.000	3.000	6.200	9.000	16.200	0	0	0.00%
US41-25	TP	mg P/L	25	05MAY2003 - 19APR2004	27	0.015	0.008	0.008	0.010	0.013	0.018	0.038	0	0	0.00%
US41-25	DIS. CA	mg/L	30	05MAY2003 - 19APR2004	24	56.734	11.579	37.800	42.904	61.304	64.900	72.000	0	0	0.00%
US41-25	DIS. K	mg/L	29	05MAY2003 - 19APR2004	24	0.540	0.147	0.393	0.400	0.505	0.636	0.800	0	0	0.00%
US41-25	DIS. MG	mg/L	31	05MAY2003 - 19APR2004	24	2.464	0.644	1.460	1.722	2.699	2.950	3.400	0	0	0.00%
US41-25	DIS. NA	mg/L	28	05MAY2003 - 19APR2004	24	9.899	3.336	4.800	5.895	10.855	12.900	14.000	0	0	0.00%
US41-25	TOT. CL	mg/L	32	05MAY2003 - 19APR2004	23	13.824	4.389	7.600	8.850	14.870	17.960	20.300	0	0	0.00%
US41-25	TOT. SO4	mg/L	33	01JUL2003 - 19APR2004	4	0.143	0.085	<0.1	<0.1	<0.1	0.085	0.270	3	0	0.00%
US41-25	DIS. SILICA	mg/L	27	01JUL2003 - 19APR2004	4	4.214	1.947	2.130	2.805	3.990	5.623	6.746	0	0	0.00%
US41-25	CAROTENOID	mg/m3	63	05MAY2003 - 19APR2004	20	1.680	1.274	<1	1.000	1.000	2.000	6.000	4	0	0.00%
US41-25	CHLA	mg/m3	61	05MAY2003 - 19APR2004	20	4.305	3.644	2.000	2.000	2.600	5.200	17.000	0	0	0.00%
US41-25	CHLA2	mg/m3	112	05MAY2003 - 19APR2004	20	3.705	2.896	1.000	2.000	2.450	4.450	14.000	0	0	0.00%
US41-25	CHLB	mg/m3	62	05MAY2003 - 19APR2004	20	1.000	0.000	<1	<1	<1	<1	<1	20	0	0.00%
US41-25	CHLC	mg/m3	113	05MAY2003 - 19APR2004	20	1.000	0.000	<1	<1	<1	<1	<1	20	0	0.00%
US41-25	PHEOPHYTIN A	mg/m3	64	05MAY2003 - 19APR2004	20	1.405	0.857	<1	<1	<1	1.350	4.000	14	0	0.00%
S344	DO	mg/L	8	17JUL2003 - 14JAN2004	2	3.130	1.372	2.160	2.160	3.130	4.100	4.100	0	2	100.00%
S344	FLDCOND.	UMHOS/CM	9	17JUL2003 - 14JAN2004	2	240.750	59.751	198.500	198.500	240.750	283.000	283.000	0	0	0.00%
S344	PH	UNITS	10	17JUL2003 - 14JAN2004	2	7.245	0.106	7.170	7.170	7.245	7.320	7.320	0	0	0.00%
S344	TURBIDITY	NTU	12	17JUL2003 - 14JAN2004	3	0.796	0.267	0.600	0.600	0.687	1.100	1.100	0	0	0.00%
S344	TSS	mg/L	16	17JUL2003 - 14JAN2004	3	3	0	<3	<3	<3	<3	<3	3	0	0.00%
S344	COLOR	UNITS	13	17JUL2003 - 14JAN2004	3	29.667	6.028	24.000	24.000	29.000	36.000	36.000	0	0	0.00%
S344	HARDNESS	mg/L CaCO3	35	17JUL2003 - 14JAN2004	3	95.133	5.005	90.000	90.000	95.400	100.000	100.000	0	0	0.00%
S344	TEMP	CENT	7	17JUL2003 - 14JAN2004	2	23.090	8.471	17.100	17.100	23.090	29.080	29.080	0	0	0.00%
S344	ALKALINITY	mg/L	67	17JUL2003 - 14JAN2004	3	102.200	22.381	88.000	88.000	90.600	128.000	128.000	0	0	0.00%
S344	TOTAL DEPTH	METERS	99	17JUL2003 - 17JUL2003	1	1.130		1.130	1.130	1.130	1.130	1.130	0	0	0.00%
S344	TN	mg N/L	80	17JUL2003 - 14JAN2004	3	0.796	0.169	0.665	0.665	0.736	0.987	0.987	0	0	0.00%
S344	NOX	mg N/L	18;180	17JUL2003 - 14JAN2004	3	0.013	0.007	0.005	0.005	0.016	0.017	0.017	0	0	0.00%
S344	NO2	mg N/L	19	17JUL2003 - 14JAN2004	3	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	3	0	0.00%
S344	NO3	mg N/L	78	17JUL2003 - 14JAN2004	3	0.013	0.007	0.005	0.005	0.016	0.017	0.017	0	0	0.00%
S344	NH4	mg N/L	20	17JUL2003 - 14JAN2004	3	0.039	0.031	0.011	0.011	0.034	0.072	0.072	0	0	0.00%
S344	UN-IONIZED AMMONIA	mg/L	NONE	17JUL2003 - 14JAN2004	2	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0	0	0.00%
S344	NNH4	mg N/L	92	17JUL2003 - 14JAN2004	3	0.052	0.037	0.016	0.016	0.050	0.089	0.089	0	0	0.00%
S344	ORGN	mg N/L	79	17JUL2003 - 14JAN2004	3	0.744	0.134	0.649	0.649	0.686	0.898	0.898	0	0	0.00%
S344	TKN	mg N/L	21	17JUL2003 - 14JAN2004	3	0.783	0.164	0.660	0.660	0.720	0.970	0.970	0	0	0.00%
S344	OPO4	mg P/L	23	17JUL2003 - 14JAN2004	3	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	3	0	0.00%
S344	TP	mg P/L	25	17JUL2003 - 14JAN2004	3	0.017	0.010	0.009	0.009	0.014	0.028	0.028	0	0	0.00%
S344	DIS. CA	mg/L	30	17JUL2003 - 14JAN2004	3	38.521	7.873	32.800	32.800	35.264	47.500	47.500	0	0	0.00%
S344	DIS. K	mg/L	29	17JUL2003 - 14JAN2004	3	0.393	0.111	0.279	0.279	0.400	0.500	0.500	0	0	0.00%
S344	DIS. MG	mg/L	31	17JUL2003 - 14JAN2004	3	2.125	0.585	1.775	1.775	1.800	2.800	2.800	0	0	0.00%
S344	DIS. NA	mg/L	28	17JUL2003 - 14JAN2004	3	6.903	2.337	5.500	5.500	5.608	9.600	9.600	0	0	0.00%
S344	TOT. CL	mg/L	32	17JUL2003 - 14JAN2004	3	9.893	3.560	7.680	7.680	8.000	14.000	14.000	0	0	0.00%
S344	TOT. SO4	mg/L	33	17JUL2003 - 14JAN2004	3	0.140	0.053	0.100	0.100	0.120	0.200	0.200	0	0	0.00%
S344	DIS. SILICA	mg/L	27	17JUL2003 - 14JAN2004	3	2.984	2.478	0.310	0.310	3.440	5.203	5.203	0	0	0.00%
S344	TOT. FE	mg/L	177	17JUL2003 - 14JAN2004	3	0.093	0.034	0.064	0.064	0.085	0.131	0.131	0	0	0.00%
S176	DO	mg/L	8	21MAY2003 - 21APR2004	14	2.722	1.721	0.600	1.380	2.085	4.580	5.270	0	12	85.71%
S176	FLDCOND.	UMHOS/CM	9	21MAY2003 - 21APR2004	10	538.020	27.946	491.000	519.000	539.000	553.000	586.800	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S176	PH	UNITS	10	21MAY2003 - 21APR2004	14	7.304	0.203	7.100	7.130	7.230	7.480	7.710	0	0	0.00%
S176	TURBIDITY	NTU	12	21MAY2003 - 21APR2004	14	1.356	0.591	0.300	0.900	1.250	1.900	2.300	0	0	0.00%
S176	TSS	mg/L	16	21MAY2003 - 21APR2004	14	3.000	0.000	<3	<3	<3	<3	<3	14	0	0.00%
S176	COLOR	UNITS	13	21MAY2003 - 21APR2004	14	21.571	7.293	12.000	15.000	22.500	28.000	33.000	0	0	0.00%
S176	HARDNESS	mg/L CaCO3	35	21MAY2003 - 21APR2004	16	202.700	5.026	200.000	200.000	200.000	204.050	214.100	0	0	0.00%
S176	TEMP	CENT	7	21MAY2003 - 21APR2004	14	25.374	1.989	21.600	23.800	26.015	27.200	27.740	0	0	0.00%
S176	ALKALINITY	mg/L	67	21MAY2003 - 21APR2004	14	208.995	10.2466	198	199.76	206	220	229	0	0	0.00%
S176	TN	mg N/L	80	21MAY2003 - 21APR2004	14	0.789	0.173	0.593	0.633	0.736	0.927	1.106	0	0	0.00%
S176	NOX	mg N/L	18,180	21MAY2003 - 21APR2004	12	0.045	0.026	0.010	0.025	0.036	0.072	0.084	0	0	0.00%
S176	NO2	mg N/L	19	21MAY2003 - 21APR2004	14	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	9	0	0.00%
S176	NO3	mg N/L	78	21MAY2003 - 21APR2004	12	0.043	0.026	0.010	0.023	0.033	0.071	0.084	0	0	0.00%
S176	NH4	mg N/L	20	21MAY2003 - 21APR2004	14	0.166	0.056	0.072	0.134	0.158	0.206	0.267	0	0	0.00%
S176	UN-IONIZED AMMONIA	mg/L	NONE	21MAY2003 - 21APR2004	14	0.003	0.002	0.001	0.002	0.002	0.004	0.007	0	0	0.00%
S176	NNH4	mg N/L	92	21MAY2003 - 21APR2004	12	0.202	0.059	0.143	0.163	0.174	0.256	0.314	0	0	0.00%
S176	ORGN	mg N/L	79	21MAY2003 - 21APR2004	14	0.585	0.129	0.443	0.453	0.545	0.714	0.792	0	0	0.00%
S176	TKN	mg N/L	21	21MAY2003 - 21APR2004	14	0.751	0.170	0.550	0.590	0.720	0.900	1.040	0	0	0.00%
S176	OPO4	mg P/L	23	21MAY2003 - 21APR2004	14	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	12	0	0.00%
S176	ALKALINE PHOS	nM/minml	168	21MAY2003 - 21APR2004	14	12.543	7.295	4.000	9.000	11.000	13.000	34.200	0	0	0.00%
S176	TP	mg P/L	25	21MAY2003 - 21APR2004	14	0.006	0.001	0.005	0.006	0.006	0.007	0.008	0	0	0.00%
S176	DIS. CA	mg/L	30	21MAY2003 - 21APR2004	16	75.948	3.087	68.300	74.480	76.300	78.850	79.200	0	0	0.00%
S176	DIS. K	mg/L	29	21MAY2003 - 21APR2004	14	2.224	0.158	2.000	2.100	2.211	2.400	2.440	0	0	0.00%
S176	DIS. MG	mg/L	31	21MAY2003 - 21APR2004	16	6.648	1.331	4.932	5.481	6.450	7.850	9.000	0	0	0.00%
S176	DIS. NA	mg/L	28	21MAY2003 - 21APR2004	14	27.251	2.611	22.800	25.600	26.402	29.600	31.600	0	0	0.00%
S176	TOT. CL	mg/L	32	21MAY2003 - 21APR2004	14	41.008	3.815	33.600	38.600	41.115	44.400	46.180	0	0	0.00%
S176	TOT. SO4	mg/L	33	30JUL2003 - 07APR2004	4	2.093	1.255	0.500	1.100	2.300	3.085	3.270	0	0	0.00%
S176	DIS. SILICA	mg/L	27	30JUL2003 - 07APR2004	4	7.130	0.726	6.170	6.630	7.220	7.630	7.910	0	0	0.00%
S176	TOT. FE	mg/L	177	30JUL2003 - 07APR2004	4	0.275	0.110	0.162	0.186	0.266	0.365	0.407	0	0	0.00%
S176	TOT. CD	ug/L	103	15JUL2003 - 26JAN2004	2	0.677	0.392	0.400	0.400	0.677	0.954	0.954	0	0	0.00%
S176	TOT. CU	ug/L	104	15JUL2003 - 26JAN2004	2	1.784	0.826	<1.2	<1.2	0.584	2.368	2.368	1	0	0.00%
S176	TOT. ZN	ug/L	105	15JUL2003 - 26JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S176	CAROTENOID	mg/m3	63	21MAY2003 - 21APR2004	14	1.186	0.380	<1	<1	1.000	1.000	2.000	6	0	0.00%
S176	CHLA	mg/m3	61	21MAY2003 - 21APR2004	14	1.679	0.695	<1	<1	1.850	2.000	3.000	4	0	0.00%
S176	CHLA2	mg/m3	112	21MAY2003 - 21APR2004	14	1.807	0.647	<1	1.100	2.000	2.000	3.000	2	0	0.00%
S176	CHLB	mg/m3	62	21MAY2003 - 21APR2004	14	1.000	0.000	<1	<1	<1	<1	<1	14	0	0.00%
S176	CHLC	mg/m3	113	21MAY2003 - 21APR2004	14	1.000	0.000	<1	<1	<1	<1	<1	14	0	0.00%
S176	PHEOPHYTIN A	mg/m3	64	21MAY2003 - 21APR2004	14	1.000	0.000	<1	<1	<1	<1	1.000	13	0	0.00%
S177	DO	mg/L	8	06MAY2003 - 21APR2004	20	2.852	2.491	0.900	1.235	1.510	4.520	8.440	0	15	75.00%
S177	FLDCOND.	UMHOS/CM	9	06MAY2003 - 21APR2004	13	502.785	28.598	473.000	483.000	493.000	508.000	573.200	0	0	0.00%
S177	PH	UNITS	10	06MAY2003 - 21APR2004	20	7.358	0.245	7.070	7.130	7.300	7.570	7.930	0	0	0.00%
S177	TURBIDITY	NTU	12	06MAY2003 - 21APR2004	20	1.500	0.750	0.600	1.045	1.300	1.790	3.380	0	0	0.00%
S177	TSS	mg/L	16	06MAY2003 - 21APR2004	20	3.000	0.000	<3	<3	<3	<3	<3	20	0	0.00%
S177	COLOR	UNITS	13	06MAY2003 - 21APR2004	20	12.900	3.959	5.000	11.000	12.000	13.000	23.000	0	0	0.00%
S177	HARDNESS	mg/L CaCO3	35	06MAY2003 - 21APR2004	22	201.273	3.205	199.900	200.000	200.000	200.000	211.600	0	0	0.00%
S177	TEMP	CENT	7	06MAY2003 - 21APR2004	20	25.317	1.609	21.400	23.750	26.110	26.450	27.400	0	0	0.00%
S177	ALKALINITY	mg/L	67	06MAY2003 - 21APR2004	20	195.933	9.495	183.000	190.000	195.600	198.500	225.000	0	0	0.00%
S177	TN	mg N/L	80	06MAY2003 - 21APR2004	20	0.534	0.101	0.464	0.481	0.500	0.527	0.887	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S177	NOX	mg N/L	18,180	04JUN2003 - 21APR2004	18	0.047	0.021	0.007	0.032	0.045	0.055	0.097	0	0	0.00%
S177	NO2	mg N/L	19	06MAY2003 - 21APR2004	20	0.005	0.001	<0.004	<0.004	0.004	0.005	0.009	7	0	0.00%
S177	NO3	mg N/L	78	04JUN2003 - 21APR2004	18	0.044	0.020	0.007	0.032	0.042	0.050	0.093	0	0	0.00%
S177	NH4	mg N/L	20	06MAY2003 - 21APR2004	20	0.050	0.026	<0.009	0.025	0.058	0.066	0.099	1	0	0.00%
S177	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2003 - 21APR2004	20	0.001	0.000	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
S177	NNH4	mg N/L	92	04JUN2003 - 21APR2004	18	0.095	0.044	0.007	0.075	0.089	0.117	0.196	0	0	0.00%
S177	ORGN	mg N/L	79	06MAY2003 - 21APR2004	20	0.443	0.090	0.362	0.390	0.420	0.449	0.691	0	0	0.00%
S177	TKN	mg N/L	21	06MAY2003 - 21APR2004	20	0.492	0.096	0.420	0.445	0.465	0.480	0.790	0	0	0.00%
S177	OPO4	mg P/L	23	06MAY2003 - 21APR2004	20	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	19	0	0.00%
S177	ALKALINE PHOS	nM/minml	168	06MAY2003 - 21APR2004	20	5.835	3.626	1.000	2.000	5.000	8.650	12.000	0	0	0.00%
S177	TP	mg P/L	25	06MAY2003 - 21APR2004	20	0.005	0.002	0.003	0.004	0.004	0.005	0.010	0	0	0.00%
S177	DIS. CA	mg/L	30	06MAY2003 - 21APR2004	22	72.437	3.198	66.900	70.000	72.275	74.410	78.200	0	0	0.00%
S177	DIS. K	mg/L	29	06MAY2003 - 21APR2004	20	2.978	0.621	2.000	2.600	2.850	3.550	4.000	0	0	0.00%
S177	DIS. MG	mg/L	31	06MAY2003 - 21APR2004	22	5.305	0.912	4.600	4.900	5.078	5.100	8.200	0	0	0.00%
S177	DIS. NA	mg/L	28	06MAY2003 - 21APR2004	20	23.715	2.331	20.500	22.150	22.865	24.700	29.200	0	0	0.00%
S177	TOT. CL	mg/L	32	06MAY2003 - 21APR2004	20	37.017	2.925	32.300	34.800	36.625	38.350	43.600	0	0	0.00%
S177	TOT. SO4	mg/L	33	02JUL2003 - 07APR2004	4	3.475	1.436	1.400	2.600	3.900	4.350	4.700	0	0	0.00%
S177	DIS. SILICA	mg/L	27	02JUL2003 - 07APR2004	4	5.098	0.903	4.030	4.535	5.060	5.660	6.240	0	0	0.00%
S177	TOT. FE	mg/L	177	02JUL2003 - 07APR2004	4	0.160	0.103	0.034	0.076	0.177	0.244	0.250	0	0	0.00%
S177	TOT. CD	ug/L	103	15JUL2003 - 26JAN2004	2	0.695	0.416	0.400	0.400	0.695	0.989	0.989	0	0	0.00%
S177	TOT. CU	ug/L	104	15JUL2003 - 26JAN2004	2	1.806	0.857	<1.2	<1.2	0.606	2.412	2.412	1	0	0.00%
S177	TOT. ZN	ug/L	105	15JUL2003 - 26JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S177	CAROTENOID	mg/m3	63	06MAY2003 - 21APR2004	20	1.050	0.224	<1	<1	<1	<1	2.000	16	0	0.00%
S177	CHLA	mg/m3	61	06MAY2003 - 21APR2004	20	1.105	0.30689	<1	<1	<1	1	2	14	0	0.00%
S177	CHLA2	mg/m3	112	06MAY2003 - 21APR2004	20	1.210	0.406	<1	<1	<1	1.100	2.000	12	0	0.00%
S177	CHLB	mg/m3	62	06MAY2003 - 21APR2004	20	1.000	0.000	<1	<1	<1	<1	<1	20	0	0.00%
S177	CHLC	mg/m3	113	06MAY2003 - 21APR2004	20	1.000	0.000	<1	<1	<1	<1	<1	20	0	0.00%
S177	PHEOPHYTIN A	mg/m3	64	06MAY2003 - 21APR2004	20	1.000	0.000	<1	<1	<1	<1	<1	20	0	0.00%
S178	DO	mg/L	8	06MAY2003 - 21APR2004	20	4.264	1.506	2.040	2.905	4.445	5.385	7.600	0	14	70.00%
S178	FLDCOND.	UMHOS/CM	9	06MAY2003 - 21APR2004	13	416.400	84.989	306.000	336.000	413.400	484.000	538.100	0	0	0.00%
S178	PH	UNITS	10	06MAY2003 - 21APR2004	20	7.589	0.402	7.240	7.360	7.405	7.690	8.620	0	1	5.00%
S178	TURBIDITY	NTU	12	06MAY2003 - 21APR2004	12	5.104	7.945	0.365	1.252	2.190	4.850	28.600	0	0	0.00%
S178	TSS	mg/L	16	06MAY2003 - 21APR2004	12	4.667	3.055	<3	<3	<3	6.000	13.000	7	0	0.00%
S178	COLOR	UNITS	13	06MAY2003 - 21APR2004	12	16.667	3.725	9.000	14.000	18.000	19.500	21.000	0	0	0.00%
S178	HARDNESS	mg/L CaCO3	35	06MAY2003 - 21APR2004	14	130.793	54.280	78.700	90.000	100.000	200.000	202.400	0	0	0.00%
S178	TEMP	CENT	7	06MAY2003 - 21APR2004	20	24.056	3.891	17.200	21.450	23.450	27.650	30.490	0	0	0.00%
S178	ALKALINITY	mg/L	67	06MAY2003 - 21APR2004	12	113.895	42.169	62.680	78.080	100.000	151.500	177.000	0	0	0.00%
S178	TN	mg N/L	80	06MAY2003 - 21APR2004	12	0.911	0.760	0.400	0.495	0.642	0.898	3.010	0	0	0.00%
S178	NOX	mg N/L	18,180	18JUN2003 - 21APR2004	10	0.247	0.708	0.006	0.011	0.022	0.030	2.260	0	0	0.00%
S178	NO2	mg N/L	19	06MAY2003 - 21APR2004	12	0.011	0.023	<0.004	<0.004	<0.004	0.000	0.085	9	0	0.00%
S178	NO3	mg N/L	78	18JUN2003 - 21APR2004	10	0.238	0.681	0.006	0.011	0.022	0.030	2.175	0	0	0.00%
S178	NH4	mg N/L	20	06MAY2003 - 21APR2004	12	0.046	0.032	<0.009	0.022	0.041	0.067	0.118	1	0	0.00%
S178	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2003 - 21APR2004	12	0.001	0.001	0.000	0.001	0.001	0.001	0.004	0	0	0.00%
S178	NNH4	mg N/L	92	18JUN2003 - 21APR2004	10	0.296	0.716	0.009	0.039	0.074	0.097	2.329	0	0	0.00%
S178	ORGN	mg N/L	79	06MAY2003 - 21APR2004	12	0.660	0.328	0.382	0.463	0.585	0.664	1.572	0	0	0.00%
S178	TKN	mg N/L	21	06MAY2003 - 21APR2004	12	0.705	0.358	0.400	0.490	0.625	0.730	1.690	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S178	OPO4	mg P/L	23	06MAY2003 - 21APR2004	12	0.009	0.015	<0.004	<0.004	0.004	0.006	0.058	5	0	0.00%
S178	ALKALINE PHOS	nM/minml	168	06MAY2003 - 21APR2004	12	6.458	4.600	1.000	3.100	5.000	9.000	15.300	0	0	0.00%
S178	TP	mg P/L	25	06MAY2003 - 21APR2004	20	0.039	0.032	0.007	0.023	0.027	0.049	0.145	0	0	0.00%
S178	DIS. CA	mg/L	30	06MAY2003 - 21APR2004	14	42.073	17.157	23.654	27.300	35.700	54.300	71.301	0	0	0.00%
S178	DIS. K	mg/L	29	06MAY2003 - 21APR2004	12	13.921	3.205	9.800	12.303	13.350	14.400	22.000	0	0	0.00%
S178	DIS. MG	mg/L	31	06MAY2003 - 21APR2004	14	5.631	0.751	4.695	4.842	5.750	5.928	7.400	0	0	0.00%
S178	DIS. NA	mg/L	28	06MAY2003 - 21APR2004	12	21.175	4.189	14.800	18.800	20.526	22.552	32.000	0	0	0.00%
S178	TOT. CL	mg/L	32	06MAY2003 - 21APR2004	12	35.195	7.308	24.700	30.750	34.150	36.805	54.200	0	0	0.00%
S178	TOT. SO4	mg/L	33	16JUL2003 - 21APR2004	4	30.623	4.917	24.590	27.395	30.650	33.850	36.600	0	0	0.00%
S178	DIS. SILICA	mg/L	27	16JUL2003 - 21APR2004	4	0.434	0.571	0.080	0.125	0.185	0.744	1.287	0	0	0.00%
S178	TOT. FE	mg/L	177	16JUL2003 - 21APR2004	4	0.048	0.049	0.017	0.019	0.027	0.076	0.120	0	0	0.00%
S178	TOT. CD	ug/L	103	15JUL2003 - 26JAN2004	2	0.377	0.108	<0.3	<0.3	0.077	0.453	0.453	1	0	0.00%
S178	TOT. CU	ug/L	104	15JUL2003 - 26JAN2004	2	3.099	0.422	2.800	2.800	3.099	3.397	3.397	0	0	0.00%
S178	TOT. ZN	ug/L	105	15JUL2003 - 26JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S178	CAROTENOID	mg/m3	63	06MAY2003 - 21APR2004	12	4.542	3.501	<1	2.000	3.250	6.000	12.000	1	0	0.00%
S178	CHLA	mg/m3	61	06MAY2003 - 21APR2004	12	10.700	9.211	<1	4.900	7.300	14.000	33.000	1	0	0.00%
S178	CHLA2	mg/m3	112	06MAY2003 - 21APR2004	12	8.966667	7.31839	1.1	3.75	6.25	11.5	25	0	0	0.00%
S178	CHLB	mg/m3	62	06MAY2003 - 21APR2004	12	1.750	1.765	<1	<1	<1	0.000	6.000	9	0	0.00%
S178	CHLC	mg/m3	113	06MAY2003 - 21APR2004	12	1.083	0.289	<1	<1	<1	1.000	2.000	8	0	0.00%
S178	PHEOPHYTIN A	mg/m3	64	06MAY2003 - 21APR2004	12	3.125	3.372	<1	<1	2.000	3.500	13.000	4	0	0.00%
S331-173	DO	mg/L	8	06MAY2003 - 20APR2004	21	1.959	1.272	0.250	1.060	1.890	2.840	4.730	0	21	100.00%
S331-173	FLDCOND.	UMHOS/CM	9	06MAY2003 - 20APR2004	20	537.240	26.345	488.000	517.500	535.050	558.000	587.700	0	0	0.00%
S331-173	PH	UNITS	10	06MAY2003 - 20APR2004	22	7.252	0.186	7.010	7.090	7.240	7.310	7.700	0	0	0.00%
S331-173	TURBIDITY	NTU	12	06MAY2003 - 20APR2004	22	1.345	0.539	0.600	1.000	1.290	1.600	2.700	0	0	0.00%
S331-173	TSS	mg/L	16	06MAY2003 - 20APR2004	22	3.000	0.000	<3	<3	<3	<3	<3	22	0	0.00%
S331-173	COLOR	UNITS	13	06MAY2003 - 20APR2004	21	29.571	8.565	15.000	25.000	29.000	36.000	44.000	0	0	0.00%
S331-173	HARDNESS	mg/L CaCO3	35	15JUL2003 - 06APR2004	4	200.000	0.000	200.000	200.000	200.000	200.000	200.000	0	0	0.00%
S331-173	TEMP	CENT	7	06MAY2003 - 20APR2004	22	24.641	2.263	20.100	23.100	25.050	26.400	28.030	0	0	0.00%
S331-173	ALKALINITY	mg/L	67	06MAY2003 - 20APR2004	22	215.420	11.665	194.000	207.250	216.500	225.970	234.000	0	0	0.00%
S331-173	TN	mg N/L	80	06MAY2003 - 20APR2004	22	0.975	0.100	0.794	0.905	0.982	1.070	1.108	0	0	0.00%
S331-173	NOX	mg N/L	18;180	03JUN2003 - 20APR2004	20	0.059	0.066	0.006	0.019	0.030	0.081	0.235	0	0	0.00%
S331-173	NO2	mg N/L	19	06MAY2003 - 20APR2004	21	0.006	0.003	<0.004	<0.004	<0.004	0.005	0.013	11	0	0.00%
S331-173	NO3	mg N/L	78	03JUN2003 - 20APR2004	19	0.056	0.063	0.006	0.018	0.025	0.099	0.223	0	0	0.00%
S331-173	NH4	mg N/L	20	06MAY2003 - 20APR2004	22	0.261	0.066	0.180	0.207	0.240	0.340	0.374	0	0	0.00%
S331-173	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2003 - 20APR2004	22	0.003	0.001	0.002	0.002	0.003	0.004	0.008	0	0	0.00%
S331-173	NNH4	mg N/L	92	03JUN2003 - 20APR2004	20	0.324	0.064	0.235	0.261	0.312	0.385	0.434	0	0	0.00%
S331-173	ORGN	mg N/L	79	06MAY2003 - 20APR2004	22	0.661	0.121	0.409	0.542	0.696	0.738	0.834	0	0	0.00%
S331-173	TKN	mg N/L	21	06MAY2003 - 20APR2004	22	0.922273	0.14909	0.67	0.79	0.975	1.06	1.09	0	0	0.00%
S331-173	OPO4	mg P/L	23	06MAY2003 - 20APR2004	22	0.004	0.000	<0.004	<0.004	<0.004	0.004	0.005	16	0	0.00%
S331-173	TP	mg P/L	25	06MAY2003 - 20APR2004	22	0.006	0.001	0.004	0.005	0.006	0.007	0.009	0	0	0.00%
S331-173	DIS. CA	mg/L	30	15JUL2003 - 06APR2004	4	77.825	2.900	74.300	76.000	77.800	79.650	81.400	0	0	0.00%
S331-173	DIS. K	mg/L	29	15JUL2003 - 06APR2004	4	2.343	0.518	1.800	1.900	2.385	2.785	2.800	0	0	0.00%
S331-173	DIS. MG	mg/L	31	15JUL2003 - 06APR2004	4	8.170	2.022	5.200	6.900	8.950	9.440	9.580	0	0	0.00%
S331-173	DIS. NA	mg/L	28	15JUL2003 - 06APR2004	4	29.350	5.095	22.200	25.900	30.600	32.800	34.000	0	0	0.00%
S331-173	TOT. CL	mg/L	32	06MAY2003 - 20APR2004	22	41.905	5.437	30.600	37.400	42.100	45.500	50.200	0	0	0.00%
S331-173	TOT. SO4	mg/L	33	15JUL2003 - 06APR2004	4	2.440	2.730	<0.1	0.050	2.050	4.730	5.560	1	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S331-173	DIS. SILICA	mg/L	27	15JUL2003 - 06APR2004	4	7.815	1.461	5.950	6.755	7.940	8.875	9.430	0	0	0.00%
S331-173	TOT. MTHY HG	ng/L	203	15JUL2003 - 28APR2004	4	0.036	0.020	<0.022	0.003	0.028	0.048	0.066	1	0	0.00%
S332D	DO	mg/L	8	06MAY2003 - 21APR2004	46	2.026	1.729	0.180	0.730	1.450	2.770	7.050	0	43	93.48%
S332D	FLDCOND.	UMHOS/CM	9	01MAY2003 - 21APR2004	39	525.282	20.818	493.000	512.000	522.100	537.000	586.500	0	0	0.00%
S332D	PH	UNITS	10	01MAY2003 - 21APR2004	47	7.288	0.194	7.010	7.140	7.220	7.460	7.820	0	0	0.00%
S332D	TURBIDITY	NTU	12	06MAY2003 - 21APR2004	23	1.727	0.646	0.800	1.120	1.780	2.100	3.200	0	0	0.00%
S332D	TSS	mg/L	16	06MAY2003 - 21APR2004	23	3.000	0.000	<3	<3	<3	<3	<3	23	0	0.00%
S332D	COLOR	UNITS	13	06MAY2003 - 10MAR2004	21	19.762	6.774	12.000	14.000	17.000	25.000	33.000	0	0	0.00%
S332D	HARDNESS	mg/L CaCO3	35	02JUL2003 - 28JAN2004	7	205.800	7.339	200.000	200.000	200.000	212.500	216.000	0	0	0.00%
S332D	TEMP	CENT	7	01MAY2003 - 21APR2004	48	25.393	1.965	21.300	23.550	26.165	26.835	28.280	0	0	0.00%
S332D	ALKALINITY	mg/L	67	06MAY2003 - 10MAR2004	21	203.696	7.102	193.000	198.000	204.920	208.000	221.000	0	0	0.00%
S332D	TN	mg N/L	80	06MAY2003 - 21APR2004	24	0.748	0.119	0.598	0.664	0.703	0.807	1.000	0	0	0.00%
S332D	NOX	mg N/L	18,180	21MAY2003 - 21APR2004	20	0.049	0.033	0.011	0.026	0.039	0.076	0.144	0	0	0.00%
S332D	NO2	mg N/L	19	06MAY2003 - 10MAR2004	21	0.005	0.002	<0.004	<0.004	<0.004	0.005	0.011	12	0	0.00%
S332D	NO3	mg N/L	78	21MAY2003 - 10MAR2004	18	0.043	0.031	0.011	0.025	0.031	0.057	0.133	0	0	0.00%
S332D	NH4	mg N/L	20	06MAY2003 - 21APR2004	23	0.157	0.040	0.073	0.133	0.149	0.177	0.266	0	0	0.00%
S332D	UN-IONIZED AMMONIA	mg/L	NONE	01MAY2003 - 21APR2004	23	0.002	0.001	0.001	0.001	0.002	0.003	0.006	0	0	0.00%
S332D	NNH4	mg N/L	92	21MAY2003 - 21APR2004	19	0.199	0.041	0.158	0.169	0.182	0.224	0.285	0	0	0.00%
S332D	ORGN	mg N/L	79	06MAY2003 - 21APR2004	23	0.553	0.103	0.427	0.464	0.527	0.633	0.769	0	0	0.00%
S332D	TKN	mg N/L	21	06MAY2003 - 21APR2004	24	0.707	0.125	0.560	0.605	0.665	0.795	1.000	0	0	0.00%
S332D	OPO4	mg P/L	23	06MAY2003 - 21APR2004	23	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	23	0	0.00%
NSIDSP01	TP	mg P/L	25	04AUG2003 - 29SEP2003	6	0.018	0.002	0.015	0.016	0.019	0.020	0.020	0	0	0.00%
S332D	TP	mg P/L	25	01MAY2003 - 21APR2004	48	0.006	0.003	0.003	0.005	0.006	0.006	0.022	0	0	0.00%
S332D	DIS. CA	mg/L	30	02JUL2003 - 28JAN2004	7	75.994	1.413	74.100	74.817	76.400	76.900	78.200	0	0	0.00%
S332D	DIS. K	mg/L	29	02JUL2003 - 28JAN2004	5	2.298	0.176	2.100	2.133	2.339	2.420	2.500	0	0	0.00%
S332D	DIS. MG	mg/L	31	02JUL2003 - 28JAN2004	7	6.548429	1.18115	4.9	5.124	6.947	7.7	7.9	0	0	0.00%
S332D	DIS. NA	mg/L	28	02JUL2003 - 28JAN2004	5	27.080	2.598	23.400	25.515	27.885	28.800	29.800	0	0	0.00%
S332D	TOT. CL	mg/L	32	06MAY2003 - 21APR2004	23	40.247	3.193	33.600	37.600	40.230	42.300	46.520	0	0	0.00%
S332D	TOT. FE	mg/L	177	02JUL2003 - 28JAN2004	3	0.271	0.100	0.157	0.157	0.317	0.340	0.340	0	0	0.00%
S332D	TOT. CD	ug/L	103	15JUL2003 - 26JAN2004	2	0.671	0.525	<0.3	<0.3	0.371	1.042	1.042	1	0	0.00%
S332D	TOT. CU	ug/L	104	15JUL2003 - 26JAN2004	2	1.781	0.821	<1.2	<1.2	0.581	2.361	2.361	1	0	0.00%
S332D	TOT. MTHY HG	ng/L	203	15JUL2003 - 28APR2004	4	0.026	0.006	<0.022	<0.022	0.002	0.030	0.034	2	0	0.00%
S332D	TOT. ZN	ug/L	105	15JUL2003 - 26JAN2004	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332D	TOT. DIS. P	mg P/L	26	24MAR2004 - 07APR2004	2	0.003	0.001	0.002	0.002	0.003	0.003	0.003	0	0	0.00%