

Appendix 8B-1b: Summary Statistics of Non-ECP Water Quality Monitoring Data for Water Year 2003

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APPENDIX NOTES:

Summary statistics are tabulated in **Table 3** for all parameters collected during Water Year 2003 (WY2003) 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 8B-1, 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-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	
	S-9A	S9A	Water quality data available in WY2003
	S-14	S14	
	S-18C	S18C	
	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 WY2003 (May 1, 2002 through April 30, 2003).

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	pH	UNITS	10	21MAY2002 - 24APR2003	12	7.703	0.177	7.440	7.605	7.690	7.805	8.110	0	0	0.00%
ACME1DS	TURBIDITY	NTU	12	21MAY2002 - 24APR2003	12	3.756	2.402	1.640	1.990	3.125	4.760	10.100	0	0	0.00%
ACME1DS	TSS	mg/L	16	21MAY2002 - 24APR2003	12	4.892	2.582	<3	0.000	3.500	6.800	10.600	3	0	0.00%
ACME1DS	COLOR	UNITS	13	21MAY2002 - 24APR2003	12	89.000	14.410	64.000	81.000	84.500	104.000	109.000	0	0	0.00%
ACME1DS	HARDNESS	mg/L CaCO ₃	35	01JUL2002 - 24APR2003	6	232.600	11.311	219.300	225.900	229.550	240.300	251.000	0	0	0.00%
ACME1DS	TEMP	CENT	7	21MAY2002 - 24APR2003	12	25.152	5.312	13.570	22.720	27.265	28.280	30.250	0	0	0.00%
ACME1DS	ALKALINITY	mg/L	67	21MAY2002 - 24APR2003	12	195.464	25.338	147.630	180.795	191.495	213.280	236.190	0	0	0.00%
ACME1DS	TN	mg N/L	80	21MAY2002 - 24APR2003	12	1.731	0.225	1.415	1.566	1.670	1.908	2.184	0	0	0.00%
ACME1DS	NO _x	mg N/L	18,180	21MAY2002 - 24APR2003	12	0.034	0.034	<0.004	0.005	0.030	0.045	0.114	2	0	0.00%
ACME1DS	NO ₂	mg N/L	19	21MAY2002 - 24APR2003	12	0.008	0.008	<0.004	<0.004	<0.004	0.009	0.030	7	0	0.00%
ACME1DS	NO ₃	mg N/L	78	21MAY2002 - 24APR2003	12	0.028	0.026	<0.004	0.005	0.025	0.040	0.084	2	0	0.00%
ACME1DS	NH ₄	mg N/L	20	21MAY2002 - 24APR2003	12	0.061	0.090	<0.009	0.010	0.019	0.079	0.301	2	0	0.00%
ACME1DS	UN-IONIZED AMMONIA	mg/L	NONE	21MAY2002 - 24APR2003	12	0.0022	0.0028	0.0002	0.0003	0.0006	0.0039	0.0080	0	0	0.00%
ACME1DS	NNH ₄	mg N/L	92	21MAY2002 - 24APR2003	12	0.094	0.119	<0.009	0.020	0.043	0.140	0.415	1	0	0.00%
ACME1DS	ORGN	mg N/L	79	21MAY2002 - 24APR2003	12	1.638	0.168	1.361	1.493	1.620	1.775	1.910	0	0	0.00%
ACME1DS	TKN	mg N/L	21	21MAY2002 - 24APR2003	12	1.698	0.207	1.380	1.550	1.625	1.870	2.070	0	0	0.00%
ACME1DS	OPO ₄	mg P/L	23	21MAY2002 - 24APR2003	12	0.010	0.004	0.005	0.006	0.009	0.014	0.017	0	0	0.00%
ACME1DS	TP	mg P/L	25	21MAY2002 - 24APR2003	12	0.050	0.018	0.031	0.037	0.043	0.064	0.085	0	0	0.00%
ACME1DS	DIS. CA	mg/L	30	01JUL2002 - 24APR2003	6	68.083	12.063	58.431	60.524	61.221	82.045	85.054	0	0	0.00%
ACME1DS	DIS. K	mg/L	29	01JUL2002 - 24APR2003	4	6.729	1.060	5.157	6.112	7.146	7.346	7.465	0	0	0.00%
ACME1DS	DIS. MG	mg/L	31	01JUL2002 - 24APR2003	6	15.207	4.850	8.601	9.375	17.868	18.280	19.249	0	0	0.00%
ACME1DS	DIS. NA	mg/L	28	01JUL2002 - 24APR2003	4	71.876	8.851	62.149	64.765	71.639	78.987	82.075	0	0	0.00%
ACME1DS	TOT. CL	mg/L	32	21MAY2002 - 24APR2003	12	108.655	22.519	59.170	95.640	111.070	128.790	132.490	0	0	0.00%
ACME1DS	TOT. SO ₄	mg/L	33	01JUL2002 - 24APR2003	4	34.620	13.618	19.480	23.585	34.565	45.655	49.870	0	0	0.00%
ACME1DS	DIS. SILICA	mg/L	27	01JUL2002 - 24APR2003	4	12.112	3.668	10.266	10.272	10.284	13.952	17.614	0	0	0.00%
ACME1DS	TOT. FE	mg/L	177	01JUL2002 - 24APR2003	4	0.123	0.124	0.038	0.040	0.076	0.206	0.302	0	0	0.00%
ACME1DS	TOT. CD	µg/L	103	10SEP2002 - 11FEB2003	2	0.400	0.141	<0.3	<0.3	0.100	0.499	0.499	1	0	0.00%
ACME1DS	TOT. CU	µg/L	104	10SEP2002 - 11FEB2003	2	3.457	2.048	2.008	2.008	3.457	4.905	4.905	0	0	0.00%
ACME1DS	TOT. MTHY HG	ng/L	203	15MAY2002 - 11FEB2003	4	0.144	0.113	0.067	0.073	0.099	0.215	0.310	0	0	0.00%
ACME1DS	TOT. ZN	µg/L	105	10SEP2002 - 11FEB2003	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW1	DO	mg/L	8	15JUL2002 - 19AUG2002	3	4.313	0.352	4.100	4.100	4.120	4.720	4.720	0	3	100.00%
VOW1	FLDCOND.	µMHOS/CM	9	15JUL2002 - 19AUG2002	3	530.333	172.808	411.700	411.700	450.700	728.600	728.600	0	0	0.00%
VOW1	pH	UNITS	10	15JUL2002 - 19AUG2002	3	7.457	0.201	7.290	7.290	7.400	7.680	7.680	0	0	0.00%
VOW1	TSS	mg/L	16	05AUG2002 - 19AUG2002	2	7.000	0.000	7.000	7.000	7.000	7.000	7.000	0	0	0.00%
VOW1	HARDNESS	mg/L CaCO ₃	35	19AUG2002 - 19AUG2002	1	210.000		210.000	210.000	210.000	210.000	210.000	0	0	0.00%
VOW1	TEMP	CENT	7	15JUL2002 - 19AUG2002	3	31.337	0.217	31.090	31.090	31.420	31.500	31.500	0	0	0.00%
VOW1	TN	mg N/L	80	05AUG2002 - 05AUG2002	1	1.500		1.500	1.500	1.500	1.500	1.500	0	0	0.00%
VOW1	NH ₄	mg N/L	20	05AUG2002 - 19AUG2002	2	0.030	0.009	0.023	0.023	0.030	0.036	0.036	0	0	0.00%
VOW1	UN-IONIZED AMMONIA	mg/L	NONE	15JUL2002 - 19AUG2002	2	0.0012	0.0009	0.0006	0.0006	0.0012	0.0019	0.0019	0	0	0.00%
VOW1	ORGN	mg N/L	79	05AUG2002 - 05AUG2002	1	1.477		1.477	1.477	1.477	1.477	1.477	0	0	0.00%
VOW1	TKN	mg N/L	21	05AUG2002 - 05AUG2002	1	1.500		1.500	1.500	1.500	1.500	1.500	0	0	0.00%
VOW1	OPO ₄	mg P/L	23	05AUG2002 - 19AUG2002	2	0.025	0.000	<0.025	<0.025	<0.025	<0.025	<0.025	2	0	0.00%
VOW1	TP	mg P/L	25	15JUL2002 - 29APR2003	5	0.060	0.023	0.041	0.052	0.054	0.054	0.100	0	0	0.00%
VOW1	TOT. CU	µg/L	104	05AUG2002 - 19AUG2002	2	3.700	0.000	<3.7	<3.7	<3.7	<3.7	<3.7	2	0	0.00%
VOW1Auto	DO	mg/L	8	18JUL2002 - 18JUL2002	1	4.970		4.970	4.970	4.970	4.970	4.970	0	1	100.00%
VOW1Auto	FLDCOND.	µMHOS/CM	9	18JUL2002 - 18JUL2002	1	450.300		450.300	450.300	450.300	450.300	450.300	0	0	0.00%
VOW1Auto	pH	UNITS	10	18JUL2002 - 18JUL2002	1	7.330		7.330	7.330	7.330	7.330	7.330	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
VOW1Auto	TEMP	CENT	7	18JUL2002 - 18JUL2002	1	31.370		31.370	31.370	31.370	31.370	31.370	0	0	0.00%
VOW1Auto	TP	mg P/L	25	17JUN2002 - 03APR2003	18	0.073	0.023	<0.0047	0.063	0.072	0.088	0.110	1	0	0.00%
G94D	DO	mg/L	8	21MAY2002 - 24APR2003	13	6.155	2.105	3.460	4.630	5.530	7.630	10.200	0	5	38.46%
G94D	FLDCOND.	µMHOS/CM	9	21MAY2002 - 24APR2003	13	636.962	140.265	467.000	522.000	618.000	746.700	900.000	0	0	0.00%
G94D	pH	UNITS	10	21MAY2002 - 24APR2003	13	7.613	0.240	7.280	7.460	7.570	7.870	8.020	0	0	0.00%
G94D	TURBIDITY	NTU	12	21MAY2002 - 24APR2003	13	4.679	3.300	1.360	2.610	3.390	6.120	13.200	0	0	0.00%
G94D	TSS	mg/L	16	21MAY2002 - 24APR2003	13	6.392	3.639	<3	4.000	5.400	8.200	14.000	3	0	0.00%
G94D	COLOR	UNITS	13	21MAY2002 - 24APR2003	12	83.250	14.001	63.000	73.500	83.500	93.500	106.000	0	0	0.00%
G94D	HARDNESS	mg/L CaCO ₃	35	01JUL2002 - 24APR2003	6	228.233	10.195	214.000	221.000	228.750	233.900	243.000	0	0	0.00%
G94D	TEMP	CENT	7	21MAY2002 - 24APR2003	13	25.296	4.992	13.900	25.510	27.300	27.510	30.280	0	0	0.00%
G94D	ALKALINITY	mg/L	67	21MAY2002 - 24APR2003	13	183.412	11.060	165.670	177.300	179.260	189.460	205.500	0	0	0.00%
G94D	TN	mg N/L	80	21MAY2002 - 24APR2003	13	1.655	0.532	1.175	1.427	1.525	1.670	3.308	0	0	0.00%
G94D	NO _x	mg N/L	18;180	21MAY2002 - 24APR2003	13	0.147	0.425	<0.004	0.005	0.017	0.044	1.558	2	0	0.00%
G94D	NO ₂	mg N/L	19	21MAY2002 - 24APR2003	13	0.011	0.015	<0.004	<0.004	0.004	0.012	0.057	6	0	0.00%
G94D	NO ₃	mg N/L	78	21MAY2002 - 24APR2003	13	0.138	0.411	<0.004	0.005	0.017	0.032	1.501	3	0	0.00%
G94D	NH ₄	mg N/L	20	21MAY2002 - 24APR2003	13	0.045	0.050	<0.009	0.011	0.017	0.052	0.175	1	0	0.00%
G94D	UN-IONIZED AMMONIA	mg/L	NONE	21MAY2002 - 24APR2003	13	0.0011	0.0009	0.0002	0.0005	0.0008	0.0013	0.0032	0	0	0.00%
G94D	NNH ₄	mg N/L	92	21MAY2002 - 24APR2003	13	0.191	0.468	<0.009	0.017	0.054	0.086	1.733	1	0	0.00%
G94D	ORGN	mg N/L	79	21MAY2002 - 24APR2003	13	1.465	0.225	1.112	1.288	1.469	1.610	1.858	0	0	0.00%
G94D	TKN	mg N/L	21	21MAY2002 - 24APR2003	13	1.509	0.213	1.160	1.340	1.510	1.650	1.870	0	0	0.00%
G94D	OPO ₄	mg P/L	23	21MAY2002 - 24APR2003	13	0.013	0.009	0.005	0.007	0.009	0.017	0.035	0	0	0.00%
G94D	TP	mg P/L	25	21MAY2002 - 24APR2003	13	0.065	0.028	0.029	0.045	0.062	0.094	0.111	0	0	0.00%
G94D	DIS. CA	mg/L	30	01JUL2002 - 24APR2003	6	67.688	10.080	58.773	61.449	62.513	78.113	82.766	0	0	0.00%
G94D	DIS. K	mg/L	29	01JUL2002 - 24APR2003	4	7.875	1.399	6.871	7.015	7.348	8.735	9.933	0	0	0.00%
G94D	DIS. MG	mg/L	31	01JUL2002 - 24APR2003	6	14.393	6.150	4.603	8.835	17.497	18.373	19.556	0	0	0.00%
G94D	DIS. NA	mg/L	28	01JUL2002 - 24APR2003	4	60.406	27.245	21.172	41.979	70.217	78.834	80.020	0	0	0.00%
G94D	TOT. CL	mg/L	32	21MAY2002 - 24APR2003	13	73.786	37.176	32.700	36.550	65.890	106.900	129.010	0	0	0.00%
G94D	TOT. SO ₄	mg/L	33	01JUL2002 - 24APR2003	4	37.758	11.161	24.440	29.390	37.870	46.125	50.850	0	0	0.00%
G94D	DIS. SILICA	mg/L	27	01JUL2002 - 24APR2003	4	10.923	4.501	6.612	8.052	9.922	13.794	17.234	0	0	0.00%
G94D	TOT. FE	mg/L	177	01JUL2002 - 24APR2003	4	0.238	0.307	0.044	0.062	0.107	0.414	0.695	0	0	0.00%
G94D	TOT. CD	µg/L	103	10SEP2002 - 11FEB2003	2	0.368	0.095	<0.3	<0.3	0.068	0.435	0.435	1	0	0.00%
G94D	TOT. CU	µg/L	104	10SEP2002 - 11FEB2003	2	3.264	2.310	1.630	1.630	3.264	4.897	4.897	0	0	0.00%
G94D	TOT. MTHY HG	µg/L	203	15MAY2002 - 11FEB2003	4	0.151	0.101	0.067	0.071	0.128	0.230	0.280	0	0	0.00%
G94D	TOT. ZN	µg/L	105	10SEP2002 - 11FEB2003	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW2	DO	mg/L	8	15JUL2002 - 19AUG2002	3	4.763	0.381	4.500	4.500	4.590	5.200	5.200	0	2	66.67%
VOW2	FLDCOND.	µMHOS/CM	9	15JUL2002 - 19AUG2002	3	436.600	71.057	381.500	381.500	411.500	516.800	516.800	0	0	0.00%
VOW2	pH	UNITS	10	15JUL2002 - 19AUG2002	3	7.347	0.142	7.220	7.220	7.320	7.500	7.500	0	0	0.00%
VOW2	TSS	mg/L	16	05AUG2002 - 19AUG2002	2	9.85	3.04056	7.7	7.7	9.85	12	12	0	0	0.00%
VOW2	HARDNESS	mg/L CaCO ₃	35	19AUG2002 - 19AUG2002	1	197.000		197.000	197.000	197.000	197.000	197.000	0	0	0.00%
VOW2	TEMP	CENT	7	15JUL2002 - 19AUG2002	3	31.520	0.617	31.120	31.120	31.210	32.230	32.230	0	0	0.00%
VOW2	TN	mg N/L	80	05AUG2002 - 05AUG2002	1	1.400		1.400	1.400	1.400	1.400	1.400	0	0	0.00%
VOW2	NH ₄	mg N/L	20	05AUG2002 - 19AUG2002	2	0.021	0.015	0.010	0.010	0.021	0.031	0.031	0	0	0.00%
VOW2	UN-IONIZED AMMONIA	mg/L	NONE	15JUL2002 - 19AUG2002	2	0.0005	0.0002	0.0004	0.0004	0.0005	0.0007	0.0007	0	0	0.00%
VOW2	ORGN	mg N/L	79	05AUG2002 - 05AUG2002	1	1.369		1.369	1.369	1.369	1.369	1.369	0	0	0.00%
VOW2	TKN	mg N/L	21	05AUG2002 - 05AUG2002	1	1.400		1.400	1.400	1.400	1.400	1.400	0	0	0.00%
VOW2	OPO ₄	mg P/L	23	05AUG2002 - 19AUG2002	2	0.025	0.000	<0.025	<0.025	<0.025	<0.025	<0.025	2	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	TP	mg P/L	25	15JUL2002 - 29APR2003	5	0.116	0.070	0.075	0.076	0.089	0.100	0.240	0	0	0.00%
VOW2	TOT. CU	µg/L	104	05AUG2002 - 19AUG2002	2	3.700	0.000	<3.7	<3.7	<3.7	<3.7	<3.7	2	0	0.00%
VOW2Auto	TP	mg P/L	25	17JUN2002 - 03APR2003	19	0.090	0.029	0.044	0.073	0.087	0.099	0.170	0	0	0.00%
G123	DO	mg/L	8	29MAY2002 - 29APR2003	30	5.744	2.191	0.940	4.560	5.605	7.090	10.690	0	9	30.00%
G123	FLDCOND.	µMHOS/CM	9	29MAY2002 - 29APR2003	31	912.129	90.288	771.000	847.000	891.000	966.000	1076.000	0	0	0.00%
G123	pH	UNITS	10	29MAY2002 - 29APR2003	31	7.440	0.188	7.070	7.300	7.430	7.590	7.880	0	0	0.00%
G123	TURBIDITY	NTU	12	29MAY2002 - 29APR2003	12	1.590	0.647	0.636	1.210	1.595	1.865	2.800	0	0	0.00%
G123	TSS	mg/L	16	29MAY2002 - 29APR2003	12	2.500	0.770	<3	<3	<3	0.200	2.000	9	0	0.00%
G123	COLOR	UNITS	13	29MAY2002 - 29APR2003	12	67.250	17.332	46.000	55.500	64.000	76.500	110.000	0	0	0.00%
G123	HARDNESS	mg/L CaCO ₃	35	17JUL2002 - 29APR2003	5	254.980	14.329	241.400	243.800	249.000	269.000	271.700	0	0	0.00%
G123	TEMP	CENT	7	29MAY2002 - 29APR2003	31	22.516	4.719	14.570	18.780	21.910	26.710	29.780	0	0	0.00%
G123	ALKALINITY	mg/L	67	29MAY2002 - 29APR2003	12	245.606	27.212	197.690	223.815	249.910	266.615	283.140	0	0	0.00%
G123	TN	mg N/L	80	29MAY2002 - 29APR2003	12	1.612	0.207	1.339	1.459	1.594	1.745	2.001	0	0	0.00%
G123	NO _x	mg N/L	18;180	29MAY2002 - 29APR2003	12	0.066	0.073	0.005	0.015	0.046	0.096	0.263	0	0	0.00%
G123	NO ₂	mg N/L	19	29MAY2002 - 29APR2003	12	0.006	0.004	<0.004	0.000	0.005	0.007	0.019	3	0	0.00%
G123	NO ₃	mg N/L	78	29MAY2002 - 29APR2003	12	0.061	0.068	0.005	0.015	0.041	0.090	0.244	0	0	0.00%
G123	NH ₄	mg N/L	20	29MAY2002 - 29APR2003	12	0.106	0.070	0.020	0.051	0.091	0.147	0.246	0	0	0.00%
G123	UN-IONIZED AMMONIA	mg/L	NONE	29MAY2002 - 29APR2003	12	0.0034	0.0034	0.0003	0.0007	0.0017	0.0053	0.0109	0	0	0.00%
G123	NNH ₄	mg N/L	92	29MAY2002 - 29APR2003	12	0.172	0.111	0.031	0.085	0.165	0.232	0.405	0	0	0.00%
G123	ORGN	mg N/L	79	29MAY2002 - 29APR2003	12	1.440	0.293	1.044	1.175	1.474	1.631	1.970	0	0	0.00%
G123	TKN	mg N/L	21	29MAY2002 - 29APR2003	12	1.546	0.233	1.220	1.350	1.540	1.710	1.990	0	0	0.00%
G123	OPO ₄	mg P/L	23	29MAY2002 - 29APR2003	12	0.006	0.002	<0.004	0.005	0.006	0.008	0.010	1	0	0.00%
G123	TP	mg P/L	25	29MAY2002 - 29APR2003	30	0.023	0.012	0.009	0.014	0.023	0.028	0.057	0	0	0.00%
G123	DIS. CA	mg/L	30	17JUL2002 - 29APR2003	5	70.399	6.433	63.816	64.072	72.097	73.142	78.870	0	0	0.00%
G123	DIS. K	mg/L	29	17JUL2002 - 29APR2003	4	5.004	1.301	3.563	3.912	5.086	6.095	6.279	0	0	0.00%
G123	DIS. MG	mg/L	31	17JUL2002 - 29APR2003	5	19.238	2.835	14.863	18.155	19.927	21.622	21.623	0	0	0.00%
G123	DIS. NA	mg/L	28	17JUL2002 - 29APR2003	4	67.172	13.393	50.140	56.568	69.542	77.776	79.465	0	0	0.00%
G123	TOT. CL	mg/L	32	29MAY2002 - 29APR2003	12	110.982	21.688	82.790	94.260	107.255	128.175	151.220	0	0	0.00%
G123	TOT. SO ₄	mg/L	33	22JUL2002 - 29APR2003	4	16.750	16.369	1.830	2.620	16.445	30.880	32.280	0	0	0.00%
G123	DIS. SILICA	mg/L	27	22JUL2002 - 29APR2003	4	11.092	2.955	8.385	8.633	10.732	13.551	14.520	0	0	0.00%
G123	TOT. FE	mg/L	177	17JUL2002 - 29APR2003	4	0.127	0.083	0.051	0.056	0.126	0.199	0.206	0	0	0.00%
G123	TOT. CD	µg/L	103	17JUL2002 - 15JAN2003	2	0.342	0.059	<0.3	<0.3	0.042	0.383	0.383	1	0	0.00%
G123	TOT. CU	µg/L	104	17JUL2002 - 15JAN2003	2	3.343	3.012	1.213	1.213	3.343	5.473	5.473	0	0	0.00%
G123	TOT. MTHY HG	ng/L	203	17JUL2002 - 15JAN2003	3	0.068	0.030	0.039	0.039	0.065	0.099	0.099	0	0	0.00%
G123	TOT. ZN	µg/L	105	17JUL2002 - 15JAN2003	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
G123Auto	TP	mg P/L	25	07MAY2002 - 29APR2003	48	0.019	0.009	0.007	0.012	0.016	0.025	0.042	0	0	0.00%
S9	DO	mg/L	8	07MAY2002 - 29APR2003	49	3.638163	1.45542	0.71	2.54	3.46	4.64	7.21	0	41	83.67%
S9	FLDCOND.	µMHOS/CM	9	07MAY2002 - 29APR2003	50	747.400	43.060	649.000	707.000	760.500	781.000	828.000	0	0	0.00%
S9	pH	UNITS	10	07MAY2002 - 29APR2003	51	7.211	0.186	6.750	7.080	7.220	7.350	7.550	0	0	0.00%
S9	TURBIDITY	NTU	12	28MAY2002 - 29APR2003	16	4.039	1.458	1.830	2.885	4.050	4.990	6.990	0	0	0.00%
S9	TSS	mg/L	16	28MAY2002 - 29APR2003	18	3.428	0.794	<3	<3	3.200	3.600	5.800	6	0	0.00%
S9	COLOR	UNITS	13	28MAY2002 - 29APR2003	17	41.765	4.867	34.000	39.000	41.000	44.000	50.000	0	0	0.00%
S9	HARDNESS	mg/L CaCO ₃	35	17JUL2002 - 29APR2003	5	258.140	23.898	232.800	238.600	253.700	279.300	286.300	0	0	0.00%
S9	TEMP	CENT	7	07MAY2002 - 29APR2003	51	26.002	2.744	19.520	23.480	26.330	28.500	29.940	0	0	0.00%
S9	ALKALINITY	mg/L	67	28MAY2002 - 29APR2003	18	247.882	17.521	218.360	238.530	247.175	253.700	284.070	0	0	0.00%
S9	TN	mg N/L	80	28MAY2002 - 29APR2003	18	1.414	0.196	1.165	1.258	1.362	1.518	1.832	0	0	0.00%
S9	NO _x	mg N/L	18;180	28MAY2002 - 29APR2003	18	0.142	0.153	0.008	0.063	0.090	0.155	0.682	0	0	0.00%
S9	NO ₂	mg N/L	19	28MAY2002 - 29APR2003	17	0.009	0.005	<0.004	0.005	0.007	0.012	0.023	2	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
S9	NO ₃	mg N/L	78	28MAY2002 - 29APR2003	17	0.123	0.151	0.008	0.056	0.080	0.130	0.676	0	0	0.00%
S9	NH ₄	mg N/L	20	28MAY2002 - 29APR2003	18	0.278	0.144	0.070	0.193	0.252	0.323	0.631	0	0	0.00%
S9	UN-IONIZED AMMONIA	mg/L	NONE	07MAY2002 - 29APR2003	17	0.0033	0.0013	0.0010	0.0027	0.0030	0.0042	0.0060	0	0	0.00%
S9	NNH ₄	mg N/L	92	28MAY2002 - 29APR2003	18	0.420	0.172	0.207	0.289	0.374	0.571	0.752	0	0	0.00%
S9	ORGN	mg N/L	79	28MAY2002 - 29APR2003	18	0.994	0.084	0.878	0.948	0.982	1.000	1.257	0	0	0.00%
S9	TKN	mg N/L	21	28MAY2002 - 29APR2003	18	1.272	0.161	1.100	1.190	1.215	1.310	1.690	0	0	0.00%
S9	OPO ₄	mg P/L	23	28MAY2002 - 29APR2003	16	0.005	0.002	<0.004	0.004	0.005	0.005	0.011	3	0	0.00%
S9	TP	mg P/L	25	07MAY2002 - 29APR2003	50	0.017	0.007	0.008	0.012	0.017	0.020	0.037	0	0	0.00%
S9	DIS. CA	mg/L	30	17JUL2002 - 29APR2003	5	80.280	6.389	74.173	74.409	79.173	85.297	88.348	0	0	0.00%
S9	DIS. K	mg/L	29	17JUL2002 - 29APR2003	4	3.190	0.384	2.933	2.961	3.035	3.420	3.759	0	0	0.00%
S9	DIS. MG	mg/L	31	17JUL2002 - 29APR2003	5	14.015	2.004	11.430	12.977	13.607	15.956	16.106	0	0	0.00%
S9	DIS. NA	mg/L	28	17JUL2002 - 29APR2003	4	49.084	3.785	43.910	46.600	49.736	51.567	52.953	0	0	0.00%
S9	TOT. CL	mg/L	32	28MAY2002 - 29APR2003	18	70.903	4.274	62.490	67.320	71.565	72.940	79.880	0	0	0.00%
S9	TOT. SO ₄	mg/L	33	09JUL2002 - 29APR2003	4	1.890	0.560	1.290	1.525	1.815	2.255	2.640	0	0	0.00%
S9	DIS. SILICA	mg/L	27	09JUL2002 - 29APR2003	4	10.967	1.420	9.744	9.756	10.823	12.179	12.479	0	0	0.00%
S9	TOT. FE	mg/L	177	17JUL2002 - 29APR2003	4	0.439	0.131	0.301	0.340	0.424	0.537	0.606	0	0	0.00%
S9	TOT. CD	µg/L	103	17JUL2002 - 15JAN2003	2	0.507	0.293	<0.3	<0.3	0.207	0.714	0.714	1	0	0.00%
S9	TOT. CU	µg/L	104	17JUL2002 - 15JAN2003	2	3.117	1.569	2.007	2.007	3.117	4.226	4.226	0	0	0.00%
S9	TOT. MTHY HG	ng/L	203	17JUL2002 - 15JAN2003	3	0.082	0.023	0.056	0.056	0.091	0.100	0.100	0	0	0.00%
S9	TOT. ZN	µg/L	105	17JUL2002 - 15JAN2003	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S9Auto	TN	mg N/L	80	18JUN2002 - 29APR2003	41	1.439	0.104	1.267	1.347	1.469	1.513	1.582	0	0	0.00%
S9Auto	NO _x	mg N/L	18;180	18JUN2002 - 29APR2003	41	0.078	0.049	0.014	0.045	0.065	0.105	0.229	0	0	0.00%
S9Auto	NH ₄	mg N/L	20	18JUN2002 - 29APR2003	41	0.353	0.108	0.158	0.262	0.379	0.445	0.517	0	0	0.00%
S9Auto	NNH ₄	mg N/L	92	18JUN2002 - 29APR2003	41	0.431	0.100	0.192	0.345	0.449	0.522	0.579	0	0	0.00%
S9Auto	ORGN	mg N/L	79	18JUN2002 - 29APR2003	41	1.008	0.044	0.916	0.980	1.006	1.032	1.112	0	0	0.00%
S9Auto	TKN	mg N/L	21	18JUN2002 - 29APR2003	41	1.361	0.121	1.140	1.260	1.370	1.470	1.550	0	0	0.00%
S9Auto	TP	mg P/L	25	18JUN2002 - 29APR2003	40	0.015	0.004	0.010	0.013	0.015	0.018	0.028	0	0	0.00%
S9A	DO	mg/L	8	16OCT2002 - 29APR2003	26	3.540	1.151	1.900	2.630	3.295	4.400	5.980	0	23	88.46%
S9A	FLDCOND.	µMHOS/CM	9	16OCT2002 - 29APR2003	26	762.538	37.374	674.000	734.000	774.000	788.000	818.000	0	0	0.00%
S9A	pH	UNITS	10	16OCT2002 - 29APR2003	26	7.226	0.170	6.860	7.100	7.240	7.340	7.540	0	0	0.00%
S9A	TURBIDITY	NTU	12	16OCT2002 - 29APR2003	8	2.066	1.018	0.185	1.345	2.465	2.870	2.980	0	0	0.00%
S9A	TEMP	CENT	7	16OCT2002 - 29APR2003	26	24.201	2.076	20.300	22.500	23.720	25.960	27.830	0	0	0.00%
S9A	ALKALINITY	mg/L	67	21JAN2003 - 29APR2003	2	262.060	26.036	243.650	243.650	262.060	280.470	280.470	0	0	0.00%
S9A	TN	mg N/L	80	16OCT2002 - 29APR2003	10	1.525	0.141	1.290	1.428	1.582	1.644	1.686	0	0	0.00%
S9A	NO _x	mg N/L	18;180	16OCT2002 - 29APR2003	9	0.090	0.076	0.008	0.048	0.051	0.138	0.244	0	0	0.00%
S9A	NO ₂	mg N/L	19	16OCT2002 - 29APR2003	8	0.008	0.005	<0.004	0.001	0.008	0.011	0.017	2	0	0.00%
S9A	NO ₃	mg N/L	78	16OCT2002 - 29APR2003	8	0.064	0.048	0.008	0.034	0.044	0.101	0.144	0	0	0.00%
S9A	NH ₄	mg N/L	20	16OCT2002 - 29APR2003	9	0.396	0.143	0.212	0.318	0.352	0.512	0.585	0	0	0.00%
S9A	UN-IONIZED AMMONIA	mg/L	NONE	16OCT2002 - 29APR2003	9	0.0042	0.0015	0.0021	0.0036	0.0037	0.0057	0.0068	0	0	0.00%
S9A	NNH ₄	mg N/L	92	16OCT2002 - 29APR2003	9	0.486	0.139	0.262	0.366	0.587	0.598	0.611	0	0	0.00%
S9A	ORGN	mg N/L	79	16OCT2002 - 29APR2003	9	1.035	0.037	0.972	1.005	1.046	1.071	1.076	0	0	0.00%
S9A	TKN	mg N/L	21	16OCT2002 - 29APR2003	10	1.444	0.149	1.240	1.290	1.425	1.560	1.660	0	0	0.00%
S9A	OPO ₄	mg P/L	23	16OCT2002 - 29APR2003	8	0.004	0.001	<0.004	0.004	0.004	0.004	0.007	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
S9A	TP	mg P/L	25	16OCT2002 - 29APR2003	24	0.015	0.010	0.009	0.010	0.012	0.016	0.049	0	0	0.00%
S9A	TOT. CL	mg/L	32	21JAN2003 - 29APR2003	2	75.765	2.963	73.670	73.670	75.765	77.860	77.860	0	0	0.00%
S9AAuto	TP	mg P/L	25	16OCT2002 - 25MAR2003	23	0.017	0.010	0.012	0.012	0.014	0.017	0.058	0	0	0.00%
S14	HARDNESS	mg/L CaCO ₃	35	16JUL2002 - 14JAN2003	2	113.350	22.981	97.100	97.100	113.350	129.600	129.600	0	0	0.00%
S14	DIS. CA	mg/L	30	16JUL2002 - 14JAN2003	2	42.357	8.281	36.501	36.501	42.357	48.212	48.212	0	0	0.00%
S14	DIS. K	mg/L	29	16JUL2002 - 16JUL2002	1	0.511		0.511	0.511	0.511	0.511	0.511	0	0	0.00%
S14	DIS. MG	mg/L	31	16JUL2002 - 14JAN2003	2	1.846	0.554	1.454	1.454	1.846	2.238	2.238	0	0	0.00%
S14	DIS. NA	mg/L	28	16JUL2002 - 16JUL2002	1	5.082		5.082	5.082	5.082	5.082	5.082	0	0	0.00%
S14	TOT. FE	mg/L	177	16JUL2002 - 16JUL2002	1	0.173		0.173	0.173	0.173	0.173	0.173	0	0	0.00%
S14	TOT. CD	µg/L	103	16JUL2002 - 14JAN2003	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S14	TOT. CU	µg/L	104	16JUL2002 - 14JAN2003	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S14	TOT. MTHY HG	ng/L	203	16JUL2002 - 16APR2003	3	0.086	0.047	0.055	0.055	0.064	0.140	0.140	0	0	0.00%
S14	TOT. ZN	µg/L	105	16JUL2002 - 14JAN2003	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S18C	DO	mg/L	8	08MAY2002 - 22APR2003	35	5.418	2.334	1.620	2.950	6.150	7.400	8.900	0	15	42.86%
S18C	FLDCOND.	µMHOS/CM	9	08MAY2002 - 22APR2003	35	502.434	23.042	466.000	487.000	499.000	512.500	554.000	0	0	0.00%
S18C	pH	UNITS	10	08MAY2002 - 22APR2003	35	7.569	0.346	6.960	7.200	7.700	7.840	8.210	0	0	0.00%
S18C	TURBIDITY	NTU	12	22MAY2002 - 22APR2003	17	1.947	1.117	0.499	1.320	1.660	2.660	4.560	0	0	0.00%
S18C	TSS	mg/L	16	22MAY2002 - 22APR2003	17	2.341	1.696	<1	<3	<3	1.200	7.900	11	0	0.00%
S18C	COLOR	UNITS	13	22MAY2002 - 22APR2003	17	12.353	5.243	8.000	9.000	11.000	12.000	25.000	0	0	0.00%
S18C	HARDNESS	mg/L CaCO ₃	35	22MAY2002 - 22APR2003	19	211.737	7.668	192.000	206.500	213.200	217.300	224.500	0	0	0.00%
S18C	TEMP	CENT	7	08MAY2002 - 22APR2003	35	24.469	3.135	16.760	22.510	25.760	26.750	29.410	0	0	0.00%
S18C	ALKALINITY	mg/L	67	22MAY2002 - 22APR2003	17	200.875	9.534	179.660	195.650	202.380	207.690	212.830	0	0	0.00%
S18C	TN	mg N/L	80	22MAY2002 - 22APR2003	17	0.502	0.117	0.407	0.451	0.477	0.484	0.912	0	0	0.00%
S18C	NO _x	mg N/L	18:180	22MAY2002 - 22APR2003	17	0.042	0.027	0.004	0.021	0.037	0.057	0.122	0	0	0.00%
S18C	NO ₂	mg N/L	19	22MAY2002 - 22APR2003	17	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.006	13	0	0.00%
S18C	NO ₃	mg N/L	78	22MAY2002 - 22APR2003	17	0.040	0.026	0.004	0.021	0.037	0.055	0.117	0	0	0.00%
S18C	NH ₄	mg N/L	20	22MAY2002 - 22APR2003	17	0.047	0.034	<0.009	0.009	0.050	0.070	0.104	4	0	0.00%
S18C	UN-IONIZED AMMONIA	mg/L	NONE	08MAY2002 - 22APR2003	17	0.0006	0.0003	0.0001	0.0005	0.0006	0.0007	0.0015	0	0	0.00%
S18C	NNH ₄	mg N/L	92	22MAY2002 - 22APR2003	17	0.087	0.053	0.013	0.021	0.101	0.133	0.157	0	0	0.00%
S18C	ORGN	mg N/L	79	22MAY2002 - 22APR2003	17	0.415	0.102	0.343	0.360	0.376	0.430	0.762	0	0	0.00%
S18C	TKN	mg N/L	21	22MAY2002 - 22APR2003	17	0.461	0.097	0.380	0.420	0.430	0.480	0.790	0	0	0.00%
S18C	OPO ₄	mg P/L	23	22MAY2002 - 22APR2003	17	0.004059	0.00024	<0.004	<0.004	<0.004	<0.004	0.005	16	0	0.00%
S18C	ALKALINE PHOS	nM/minml	168	22MAY2002 - 22APR2003	15	7.593	3.674	3.100	4.800	6.400	10.500	13.500	0	0	0.00%
S18C	TP	mg P/L	25	08MAY2002 - 22APR2003	35	0.005	0.001	0.003	0.004	0.005	0.006	0.008	0	0	0.00%
S18C	DIS. CA	mg/L	30	22MAY2002 - 22APR2003	19	76.137	3.484	66.989	73.688	76.724	78.853	81.838	0	0	0.00%
S18C	DIS. K	mg/L	29	22MAY2002 - 22APR2003	17	3.982	0.680	2.776	3.694	3.795	4.419	5.333	0	0	0.00%
S18C	DIS. MG	mg/L	31	22MAY2002 - 22APR2003	19	5.253	0.930	4.514	4.726	4.922	5.485	8.593	0	0	0.00%
S18C	DIS. NA	mg/L	28	22MAY2002 - 22APR2003	17	21.723	3.441	18.697	19.669	20.474	22.965	33.229	0	0	0.00%
S18C	TOT. CL	mg/L	32	22MAY2002 - 22APR2003	17	35.558	4.881	31.330	32.090	33.750	37.340	51.470	0	0	0.00%
S18C	TOT. SO ₄	mg/L	33	02JUL2002 - 22APR2003	4	7.263	2.156	4.210	5.820	7.835	8.705	9.170	0	0	0.00%
S18C	DIS. SILICA	mg/L	27	02JUL2002 - 22APR2003	4	4.558	0.550	3.802	4.184	4.665	4.932	5.100	0	0	0.00%
S18C	TOT. FE	mg/L	177	02JUL2002 - 22APR2003	4	0.127	0.113	0.029	0.030	0.128	0.225	0.225	0	0	0.00%
S18C	TOT. CD	µg/L	103	15JUL2002 - 13JAN2003	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S18C	TOT. CU	µg/L	104	15JUL2002 - 13JAN2003	2	1.441	0.341	<1.2	<1.2	0.241	1.682	1.682	1	0	0.00%
S18C	TOT. MTHY HG	ng/L	203	15JUL2002 - 16APR2003	3	0.054	0.034	0.034	0.034	0.036	0.093	0.093	0	0	0.00%
S18C	TOT. ZN	µg/L	105	15JUL2002 - 13JAN2003	2	4.899	1.271	<4	<4	0.899	5.798	5.798	1	0	0.00%
S18C	CAROTENOID	mg/m ³	63	22MAY2002 - 22APR2003	17	1.624	1.458	<1	<1	1.000	1.400	7.000	8	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	CHLA	mg/m ³	61	22MAY2002 - 22APR2003	17	3.353	5.028	<1	1.100	1.800	2.600	22.100	3	0	0.00%
S18C	CHLA2	mg/m ³	112	22MAY2002 - 22APR2003	17	3.024	4.248	<1	1.300	1.900	2.300	19.000	1	0	0.00%
S18C	CHLB	mg/m ³	62	22MAY2002 - 22APR2003	17	1.053	0.218	<1	<1	<1	<1	1.900	16	0	0.00%
S18C	CHLC	mg/m ³	113	22MAY2002 - 22APR2003	17	1.047	0.194	<1	<1	<1	<1	1.800	16	0	0.00%
S18C	PHEOPHYTIN A	mg/m ³	64	22MAY2002 - 22APR2003	17	1.265	0.819	<1	<1	<1	<1	4.200	15	0	0.00%
S18CAuto	TP	mg P/L	25	18DEC2002 - 09APR2003	4	0.023	0.031	0.005	0.006	0.009	0.040	0.069	0	0	0.00%
S140	DO	mg/L	8	21MAY2002 - 29APR2003	33	5.675758	2.43606	1.08	3.81	6	7.64	10	0	11	33.33%
S140	FLDCOND.	µMHOS/CM	9	21MAY2002 - 29APR2003	35	634.229	137.255	410.000	535.000	662.000	759.000	833.000	0	0	0.00%
S140	LABCOND.	µMHOS/CM	14	18FEB2003 - 18FEB2003	1	9.700		9.700	9.700	9.700	9.700	9.700	0	0	0.00%
S140	pH	UNITS	10	21MAY2002 - 29APR2003	35	7.398	0.310	6.890	7.190	7.390	7.640	8.120	0	0	0.00%
S140	TURBIDITY	NTU	12	21MAY2002 - 29APR2003	17	1.911	0.789	0.842	1.330	1.550	2.590	3.610	0	0	0.00%
S140	TSS	mg/L	16	21MAY2002 - 29APR2003	18	3.289	1.975	<3	<3	1.500	3.400	7.800	7	0	0.00%
S140	COLOR	UNITS	13	21MAY2002 - 29APR2003	17	85.765	24.669	41.000	69.000	86.000	95.000	134.000	0	0	0.00%
S140	HARDNESS	mg/L CaCO ₃	35	13MAY2002 - 29APR2003	7	202.786	94.812	0.700	191.900	237.100	262.700	281.700	0	0	0.00%
S140	TEMP	CENT	7	21MAY2002 - 29APR2003	35	23.987	4.148	15.420	20.920	25.540	27.340	30.160	0	0	0.00%
S140	ALKALINITY	mg/L	67	21MAY2002 - 29APR2003	19	180.633	52.349	<1	163.330	186.800	210.230	252.190	1	1	5.26%
S140	TN	mg N/L	80	21MAY2002 - 29APR2003	19	1.273	0.241	0.362	1.223	1.345	1.388	1.511	0	0	0.00%
S140	NO _x	mg N/L	18;180	21MAY2002 - 29APR2003	19	0.060	0.042	0.005	0.027	0.045	0.102	0.134	0	0	0.00%
S140	NO ₂	mg N/L	19	21MAY2002 - 29APR2003	17	0.006	0.002	<0.004	0.004	0.006	0.007	0.009	2	0	0.00%
S140	NO ₃	mg N/L	78	21MAY2002 - 29APR2003	17	0.048	0.037	0.005	0.023	0.034	0.055	0.124	0	0	0.00%
S140	NH ₄	mg N/L	20	21MAY2002 - 29APR2003	19	0.076	0.051	<0.009	0.032	0.061	0.128	0.186	2	0	0.00%
S140	UN-IONIZED AMMONIA	mg/L	NONE	13MAY2002 - 29APR2003	18	0.0015	0.0015	0.0001	0.0003	0.0009	0.0015	0.0048	0	0	0.00%
S140	NNH ₄	mg N/L	92	21MAY2002 - 29APR2003	19	0.135	0.064	0.005	0.098	0.144	0.185	0.240	0	0	0.00%
S140	ORGN	mg N/L	79	21MAY2002 - 29APR2003	19	1.138	0.259	0.122	1.112	1.186	1.242	1.338	0	0	0.00%
S140	TKN	mg N/L	21	21MAY2002 - 29APR2003	19	1.214	0.250	0.260	1.160	1.240	1.360	1.430	0	0	0.00%
S140	OPO ₄	mg P/L	23	21MAY2002 - 29APR2003	18	0.029	0.033	<0.004	0.010	0.019	0.031	0.145	1	0	0.00%
S140	TP	mg P/L	25	21MAY2002 - 29APR2003	35	0.042	0.028	0.018	0.029	0.036	0.044	0.174	0	0	0.00%
S140	DIS. CA	mg/L	30	13MAY2002 - 29APR2003	7	72.274	33.511	0.290	69.679	83.824	93.761	99.278	0	0	0.00%
S140	DIS. K	mg/L	29	13MAY2002 - 29APR2003	6	2.947	1.498	<0.1	2.678	3.441	3.934	4.088	1	0	0.00%
S140	DIS. MG	mg/L	31	13MAY2002 - 29APR2003	7	5.439	2.732	<0.1	4.344	6.759	7.085	8.206	1	0	0.00%
S140	DIS. NA	mg/L	28	13MAY2002 - 29APR2003	6	31.957	20.878	0.527	20.855	33.055	47.399	56.853	0	0	0.00%
S140	TOT. CL	mg/L	32	21MAY2002 - 29APR2003	19	45.057	23.909	1.110	24.840	42.210	65.850	88.360	0	0	0.00%
S140	TOT. SO ₄	mg/L	33	16JUL2002 - 29APR2003	5	10.322	7.020	1.190	7.240	8.370	17.180	17.630	0	0	0.00%
S140	DIS. SILICA	mg/L	27	16JUL2002 - 29APR2003	5	5.085	2.841	0.061	5.755	6.116	6.686	6.808	0	0	0.00%
S140	TOT. FE	mg/L	177	13MAY2002 - 29APR2003	5	0.166	0.085	0.070	0.134	0.137	0.191	0.297	0	0	0.00%
S140	TOT. CD	µg/L	103	12AUG2002 - 10FEB2003	2	0.353	0.075	<0.3	<0.3	0.053	0.406	0.406	1	0	0.00%
S140	TOT. CU	µg/L	104	12AUG2002 - 10FEB2003	2	2.106	1.281	<1.2	<1.2	0.906	3.012	3.012	1	0	0.00%
S140	TOT. MTHY HG	ng/L	203	13MAY2002 - 10FEB2003	4	0.095	0.054	0.052	0.056	0.079	0.134	0.170	0	0	0.00%
S140	TOT. ZN	µg/L	105	12AUG2002 - 10FEB2003	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S140Auto	TP	mg P/L	25	07MAY2002 - 29APR2003	39	0.050	0.027	0.021	0.031	0.040	0.064	0.133	0	0	0.00%
S175	DO	mg/L	8	08MAY2002 - 22APR2003	26	3.289	1.622	0.750	1.800	3.300	4.740	6.010	0	22	84.62%
S175	FLDCOND.	µMHOS/CM	9	08MAY2002 - 22APR2003	26	490.300	73.944	353.000	458.600	467.000	488.000	712.000	0	0	0.00%
S175	pH	UNITS	10	08MAY2002 - 22APR2003	26	7.427	0.208	6.980	7.240	7.430	7.640	7.720	0	0	0.00%
S175	TURBIDITY	NTU	12	08MAY2002 - 09APR2003	13	2.661	2.692	1.260	1.400	1.540	1.760	9.080	0	0	0.00%
S175	TSS	mg/L	16	08MAY2002 - 09APR2003	13	2.615	0.858	<1	<3	<3	<3	3.800	10	0	0.00%
S175	COLOR	UNITS	13	08MAY2002 - 09APR2003	13	19.923	10.291	11.000	13.000	15.000	21.000	42.000	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
S175	HARDNESS	mg/L CaCO ₃	35	08MAY2002 - 09APR2003	15	208.987	17.073	180.200	198.600	210.200	219.300	245.400	0	0	0.00%
S175	TEMP	CENT	7	08MAY2002 - 22APR2003	26	25.540	2.738	19.890	24.040	26.485	27.420	29.050	0	0	0.00%
S175	ALKALINITY	mg/L	67	08MAY2002 - 09APR2003	13	201.459	15.888	178.930	193.730	199.460	202.210	239.060	0	0	0.00%
S175	TN	mg N/L	80	08MAY2002 - 09APR2003	13	0.647	0.216	0.490	0.513	0.530	0.645	1.101	0	0	0.00%
S175	NO _x	mg N/L	18;180	08MAY2002 - 09APR2003	13	0.034	0.028	0.007	0.012	0.025	0.051	0.101	0	0	0.00%
S175	NO ₂	mg N/L	19	08MAY2002 - 09APR2003	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	11	0	0.00%
S175	NO ₃	mg N/L	78	08MAY2002 - 09APR2003	13	0.033	0.027	0.007	0.012	0.023	0.051	0.097	0	0	0.00%
S175	NH ₄	mg N/L	20	08MAY2002 - 09APR2003	13	0.078	0.038	0.041	0.058	0.065	0.087	0.178	0	0	0.00%
S175	UN-IONIZED AMMONIA	mg/L	NONE	08MAY2002 - 22APR2003	13	0.0019	0.0015	0.0007	0.0009	0.0014	0.0023	0.0063	0	0	0.00%
S175	NNH ₄	mg N/L	92	08MAY2002 - 09APR2003	13	0.112	0.063	0.053	0.069	0.083	0.146	0.279	0	0	0.00%
S175	ORGN	mg N/L	79	08MAY2002 - 09APR2003	13	0.535	0.183	0.344	0.437	0.462	0.518	0.873	0	0	0.00%
S175	TKN	mg N/L	21	08MAY2002 - 09APR2003	13	0.613	0.200	0.440	0.490	0.520	0.590	1.000	0	0	0.00%
S175	OPO ₄	mg P/L	23	08MAY2002 - 09APR2003	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	08MAY2002 - 09APR2003	12	11.083	8.340	2.800	4.100	11.200	14.450	32.300	0	0	0.00%
S175	TP	mg P/L	25	08MAY2002 - 22APR2003	26	0.010	0.012	0.004	0.006	0.007	0.009	0.050	0	0	0.00%
S175	DIS. CA	mg/L	30	08MAY2002 - 09APR2003	15	74.925	5.569	65.654	72.084	76.005	78.555	82.548	0	0	0.00%
S175	DIS. K	mg/L	29	08MAY2002 - 09APR2003	13	1.572	0.652	0.690	1.178	1.352	1.567	3.064	0	0	0.00%
S175	DIS. MG	mg/L	31	08MAY2002 - 09APR2003	15	5.315	2.322	3.369	3.939	4.449	4.971	9.846	0	0	0.00%
S175	DIS. NA	mg/L	28	08MAY2002 - 09APR2003	13	23.450	8.249	15.211	17.054	20.450	22.800	38.042	0	0	0.00%
S175	TOT. CL	mg/L	32	08MAY2002 - 09APR2003	13	36.927	12.048	24.790	28.540	32.170	36.370	59.720	0	0	0.00%
S175	TOT. SO ₄	mg/L	33	17JUL2002 - 09APR2003	4	1.565	1.319	<0.1	0.440	1.505	2.590	3.150	1	0	0.00%
S175	DIS. SILICA	mg/L	27	17JUL2002 - 09APR2003	4	4.86	0.37249	4.34E+00	4.622	4.9375	5.098	5.224	0	0	0.00%
S175	TOT. FE	mg/L	177	17JUL2002 - 09APR2003	4	0.351535	0.37411	0.13079	0.13679	0.1830225	0.5663	0.909305	0	0	0.00%
S175	TOT. CD	µg/L	103	15JUL2002 - 13JAN2003	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S175	TOT. CU	µg/L	104	15JUL2002 - 13JAN2003	2	1.252	0.073	<1.2	<1.2	0.052	1.303	1.303	1	0	0.00%
S175	TOT. MTHY HG	ng/L	203	15JUL2002 - 16APR2003	3	0.086	0.064	0.045	0.045	0.052	0.160	0.160	0	0	0.00%
S175	TOT. ZN	µg/L	105	15JUL2002 - 13JAN2003	2	4.588	0.831	<4	<4	0.588	5.175	5.175	1	0	0.00%
S175	CAROTENOID	mg/m ³	63	08MAY2002 - 09APR2003	13	1.677	0.861	<1	<1	1.400	2.200	3.900	4	0	0.00%
S175	CHLA	mg/m ³	61	08MAY2002 - 09APR2003	13	3.323	2.114	<1	1.900	2.900	3.800	8.500	1	0	0.00%
S175	CHLA2	mg/m ³	112	08MAY2002 - 09APR2003	13	3.023	1.869	<1	2.200	2.500	3.200	7.400	2	0	0.00%
S175	CHLB	mg/m ³	62	08MAY2002 - 09APR2003	13	1.000	0.000	<1	<1	<1	<1	<1	13	0	0.00%
S175	CHLC	mg/m ³	113	08MAY2002 - 09APR2003	13	1.000	0.000	<1	<1	<1	<1	<1	13	0	0.00%
S175	PHEOPHYTIN A	mg/m ³	64	08MAY2002 - 09APR2003	13	1.092	0.278	<1	<1	<1	<1	2.000	11	0	0.00%
S190	DO	mg/L	8	13MAY2002 - 29APR2003	17	6.106	2.053	2.240	4.510	6.490	7.530	9.240	0	6	35.29%
S190	FLDCOND.	µMHOS/CM	9	13MAY2002 - 29APR2003	17	527.000	89.193	307.000	486.100	554.000	596.000	606.100	0	0	0.00%
S190	pH	UNITS	10	13MAY2002 - 29APR2003	17	7.642	0.335	7.090	7.350	7.660	8.020	8.080	0	0	0.00%
S190	TURBIDITY	NTU	12	13MAY2002 - 29APR2003	16	2.498	1.271	1.270	1.715	2.180	2.765	6.510	0	0	0.00%
S190	TSS	mg/L	16	13MAY2002 - 29APR2003	16	3.681	1.472	<3	<3	2.600	3.950	8.400	7	0	0.00%
S190	COLOR	UNITS	13	13MAY2002 - 29APR2003	16	79.188	37.133	40.000	53.000	72.000	95.500	169.000	0	0	0.00%
S190	HARDNESS	mg/L CaCO ₃	35	08JUL2002 - 29APR2003	6	242.483	29.816	195.900	227.000	242.450	266.400	280.700	0	0	0.00%
S190	TEMP	CENT	7	13MAY2002 - 29APR2003	17	25.131	4.640	16.530	21.860	26.050	28.610	31.760	0	0	0.00%
S190	ALKALINITY	mg/L	67	13MAY2002 - 29APR2003	16	221.975	31.632	149.790	202.755	227.830	250.320	260.500	0	0	0.00%
S190	TN	mg N/L	80	13MAY2002 - 29APR2003	17	1.120118	0.12631	0.94	1.037	1.086	1.17	1.39	0	0	0.00%
S190	NO _x	mg N/L	18;180	13MAY2002 - 29APR2003	15	0.009	0.007	<0.004	<0.004	0.006	0.017	0.025	5	0	0.00%
S190	NO ₂	mg N/L	19	13MAY2002 - 29APR2003	16	0.004	0.002	<0.004	<0.004	<0.004	<0.004	0.010	13	0	0.00%
S190	NO ₃	mg N/L	78	13MAY2002 - 29APR2003	15	0.009	0.007	<0.004	<0.004	0.006	0.014	0.025	5	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
S190	NH ₄	mg N/L	20	13MAY2002 - 29APR2003	16	0.023	0.023	<0.009	<0.009	0.011	0.026	0.089	6	0	0.00%
S190	UN-IONIZED AMMONIA	mg/L	NONE	13MAY2002 - 29APR2003	16	0.0006	0.0005	0.0002	0.0004	0.0005	0.0007	0.0022	0	0	0.00%
S190	NNH ₄	mg N/L	92	13MAY2002 - 29APR2003	15	0.025	0.022	<0.009	<0.009	0.016	0.038	0.081	4	0	0.00%
S190	ORGN	mg N/L	79	13MAY2002 - 29APR2003	16	1.105	0.130	0.950	1.005	1.066	1.187	1.390	0	0	0.00%
S190	TKN	mg N/L	21	13MAY2002 - 29APR2003	17	1.113	0.126	0.940	1.030	1.080	1.160	1.390	0	0	0.00%
S190	OPO ₄	mg P/L	23	13MAY2002 - 29APR2003	16	0.024	0.024	<0.004	0.004	0.014	0.043	0.072	2	0	0.00%
S190	TP	mg P/L	25	13MAY2002 - 29APR2003	17	0.058	0.035	0.018	0.028	0.042	0.091	0.130	0	0	0.00%
S190	DIS. CA	mg/L	30	08JUL2002 - 29APR2003	6	86.730	11.007	70.286	79.032	87.262	96.128	100.411	0	0	0.00%
S190	DIS. K	mg/L	29	08JUL2002 - 29APR2003	4	1.981	0.390	1.698	1.702	1.848	2.260	2.529	0	0	0.00%
S190	DIS. MG	mg/L	31	08JUL2002 - 29APR2003	6	6.300	0.878	4.964	5.785	6.286	7.198	7.284	0	0	0.00%
S190	DIS. NA	mg/L	28	08JUL2002 - 29APR2003	4	24.155	4.024	20.248	21.591	23.299	26.719	29.774	0	0	0.00%
S190	TOT. CL	mg/L	32	13MAY2002 - 29APR2003	16	33.048	7.662	19.910	26.915	33.755	40.195	45.980	0	0	0.00%
S190	TOT. SO ₄	mg/L	33	08JUL2002 - 29APR2003	5	9.494	2.252	6.770	8.560	8.820	10.620	12.700	0	0	0.00%
S190	DIS. SILICA	mg/L	27	08JUL2002 - 29APR2003	5	7.345	1.842	4.914	6.393	7.262	8.466	9.690	0	0	0.00%
S190	TOT. FE	mg/L	177	08JUL2002 - 29APR2003	5	0.236	0.137	0.088	0.112	0.235	0.364	0.383	0	0	0.00%
S190	TOT. CD	µg/L	103	12AUG2002 - 10FEB2003	2	0.429	0.182	<0.3	<0.3	0.129	0.557	0.557	1	0	0.00%
S190	TOT. CU	µg/L	104	12AUG2002 - 10FEB2003	2	1.987	1.112	<1.2	<1.2	0.787	2.773	2.773	1	0	0.00%
S190	TOT. ZN	µg/L	105	12AUG2002 - 10FEB2003	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S190Auto	TP	mg P/L	25	07MAY2002 - 07APR2003	40	0.060	0.032	0.022	0.032	0.048	0.090	0.126	0	0	0.00%
S332	DO	mg/L	8	08MAY2002 - 22APR2003	25	2.959	1.370	0.890	1.960	2.860	4.320	4.910	0	25	100.00%
S332	FLDCOND.	µMHOS/CM	9	08MAY2002 - 22APR2003	25	488.900	74.290	358.000	459.000	469.000	482.000	700.000	0	0	0.00%
S332	pH	UNITS	10	08MAY2002 - 22APR2003	25	7.397	0.201	7.010	7.250	7.340	7.530	7.780	0	0	0.00%
S332	TURBIDITY	NTU	12	08MAY2002 - 09APR2003	12	3.628	3.071	1.120	1.580	2.535	4.600	12.200	0	0	0.00%
S332	TSS	mg/L	16	08MAY2002 - 09APR2003	12	2.517	1.165	<2	<3	<3	1.200	4.800	7	0	0.00%
S332	COLOR	UNITS	13	08MAY2002 - 09APR2003	12	21.417	9.337	11.000	13.000	20.500	28.500	38.000	0	0	0.00%
S332	HARDNESS	mg/L CaCO ₃	35	08MAY2002 - 09APR2003	14	206.171	17.901	173.900	195.200	205.700	211.000	244.400	0	0	0.00%
S332	TEMP	CENT	7	08MAY2002 - 22APR2003	25	26.004	2.425	20.650	23.890	26.890	27.610	29.050	0	0	0.00%
S332	ALKALINITY	mg/L	67	08MAY2002 - 09APR2003	12	201.380	17.238	182.410	191.040	195.230	206.235	245.130	0	0	0.00%
S332	TN	mg N/L	80	08MAY2002 - 09APR2003	12	0.668	0.235	0.493	0.508	0.562	0.777	1.148	0	0	0.00%
S332	NO _x	mg N/L	18;180	08MAY2002 - 09APR2003	12	0.028	0.021	0.007	0.011	0.025	0.032	0.078	0	0	0.00%
S332	NO ₂	mg N/L	19	08MAY2002 - 09APR2003	12	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	10	0	0.00%
S332	NO ₃	mg N/L	78	08MAY2002 - 09APR2003	12	0.027	0.021	0.007	0.011	0.024	0.032	0.074	0	0	0.00%
S332	NH ₄	mg N/L	20	08MAY2002 - 09APR2003	12	0.074	0.060	<0.009	0.046	0.052	0.097	0.240	1	0	0.00%
S332	UN-IONIZED AMMONIA	mg/L	NONE	08MAY2002 - 22APR2003	12	0.0017	0.0020	0.0003	0.0007	0.0010	0.0022	0.0074	0	0	0.00%
S332	NNH ₄	mg N/L	92	08MAY2002 - 09APR2003	12	0.101	0.079	0.030	0.058	0.073	0.134	0.318	0	0	0.00%
S332	ORGN	mg N/L	79	08MAY2002 - 09APR2003	12	0.567	0.192	0.390	0.439	0.465	0.696	0.919	0	0	0.00%
S332	TKN	mg N/L	21	08MAY2002 - 09APR2003	12	0.640	0.216	0.470	0.500	0.540	0.750	1.070	0	0	0.00%
S332	OPO ₄	mg P/L	23	08MAY2002 - 09APR2003	12	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.006	11	0	0.00%
S332	ALKALINE PHOS	nM/minml	168	08MAY2002 - 09APR2003	11	15.745	10.061	5.400	7.600	11.500	23.700	34.000	0	0	0.00%
S332	TP	mg P/L	25	08MAY2002 - 22APR2003	25	0.008	0.003	0.004	0.006	0.007	0.008	0.019	0	0	0.00%
S332	DIS. CA	mg/L	30	08MAY2002 - 09APR2003	14	73.427	5.645	62.628	70.155	74.459	78.141	81.704	0	0	0.00%
S332	DIS. K	mg/L	29	08MAY2002 - 09APR2003	12	1.694	0.621	0.935	1.305	1.572	1.946	3.067	0	0	0.00%
S332	DIS. MG	mg/L	31	08MAY2002 - 09APR2003	14	5.546	2.307	3.317	4.084	4.486	6.245	9.819	0	0	0.00%
S332	DIS. NA	mg/L	28	08MAY2002 - 09APR2003	12	24.340	8.040	15.930	19.593	20.946	29.095	39.743	0	0	0.00%
S332	TOT. CL	mg/L	32	08MAY2002 - 09APR2003	12	38.496	12.209	26.080	30.825	33.570	46.450	62.190	0	0	0.00%
S332	TOT. SO ₄	mg/L	33	31JUL2002 - 09APR2003	3	2.483	0.888	1.750	1.750	2.230	3.470	3.470	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	DIS. SILICA	mg/L	27	31JUL2002 - 09APR2003	3	4.826	0.052	4.770	4.770	4.837	4.872	4.872	0	0	0.00%
S332	TOT. FE	mg/L	177	31JUL2002 - 09APR2003	3	0.366	0.195	0.165	0.165	0.377	0.555	0.555	0	0	0.00%
S332	TOT. CD	µg/L	103	15JUL2002 - 13JAN2003	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S332	TOT. CU	µg/L	104	15JUL2002 - 13JAN2003	2	1.339	0.197	<1.2	<1.2	0.139	1.478	1.478	1	0	0.00%
S332	TOT. MTHY HG	ng/L	203	15JUL2002 - 16APR2003	3	0.112	0.111	0.041	0.041	0.054	0.240	0.240	0	0	0.00%
S332	TOT. ZN	µg/L	105	15JUL2002 - 13JAN2003	2	4.667	0.94328	<4	<4	0.667	5.334	5.334	1	0	0.00%
S332	CAROTENOID	mg/m ³	63	08MAY2002 - 09APR2003	12	1.825	1.309	<1	<1	1.100	2.350	5.000	5	0	0.00%
S332	CHLA	mg/m ³	61	08MAY2002 - 09APR2003	12	3.258	2.595	1.100	1.600	2.150	4.050	8.600	0	0	0.00%
S332	CHLA2	mg/m ³	112	08MAY2002 - 09APR2003	12	3.142	2.225	1.000	1.650	2.200	4.000	8.100	0	0	0.00%
S332	CHLB	mg/m ³	62	08MAY2002 - 09APR2003	12	1.000	0.000	<1	<1	<1	<1	<1	12	0	0.00%
S332	CHLC	mg/m ³	113	08MAY2002 - 09APR2003	12	1	0	<1	<1	<1	<1	<1	12	0	0.00%
S332	PHEOPHYTIN A	mg/m ³	64	08MAY2002 - 09APR2003	12	1.075	0.260	<1	<1	<1	<1	1.900	11	0	0.00%
S38B	DO	mg/L	8	28OCT2002 - 28APR2003	3	5.143	1.925	3.240	3.240	5.100	7.090	7.090	0	1	33.33%
S38B	FLDCOND.	µMHOS/CM	9	22JUL2002 - 28APR2003	4	759.250	114.488	591.000	688.500	802.000	830.000	842.000	0	0	0.00%
S38B	pH	UNITS	10	22JUL2002 - 28APR2003	4	7.275	0.093	7.140	7.215	7.305	7.335	7.350	0	0	0.00%
S38B	TURBIDITY	NTU	12	22JUL2002 - 28APR2003	4	2.006	2.616	0.441	0.612	0.831	3.400	5.920	0	0	0.00%
S38B	TSS	mg/L	16	22JUL2002 - 28APR2003	4	6.275	7.940	<2	<3	<3	8.550	18.100	3	0	0.00%
S38B	COLOR	UNITS	13	22JUL2002 - 28APR2003	4	85.250	29.409	49.000	64.500	86.000	106.000	120.000	0	0	0.00%
S38B	HARDNESS	mg/L CaCO ₃	35	22JUL2002 - 28APR2003	4	205.600	30.907	160.900	185.100	216.400	226.100	228.700	0	0	0.00%
S38B	TEMP	CENT	7	22JUL2002 - 28APR2003	4	23.195	7.377	12.910	18.480	24.740	27.910	30.390	0	0	0.00%
S38B	ALKALINITY	mg/L	67	22JUL2002 - 28APR2003	4	170.915	28.802	131.840	150.080	176.740	191.750	198.340	0	0	0.00%
S38B	TN	mg N/L	80	22JUL2002 - 28APR2003	4	1.540	0.438	1.258	1.269	1.358	1.811	2.186	0	0	0.00%
S38B	NO _x	mg N/L	18;180	22JUL2002 - 28APR2003	4	0.016	0.013	<0.004	0.001	0.016	0.027	0.028	1	0	0.00%
S38B	NO ₂	mg N/L	19	22JUL2002 - 28APR2003	4	0.005	0.003	<0.004	<0.004	<0.004	0.003	0.009	3	0	0.00%
S38B	NO ₃	mg N/L	78	22JUL2002 - 28APR2003	4	0.014	0.011	<0.004	0.001	0.011	0.023	0.028	1	0	0.00%
S38B	NH ₄	mg N/L	20	22JUL2002 - 28APR2003	4	0.052	0.072	<0.009	0.001	0.021	0.095	0.159	1	0	0.00%
S38B	UN-IONIZED AMMONIA	mg/L	NONE	22JUL2002 - 28APR2003	4	0.0007	0.0010	0.0001	0.0001	0.0002	0.0012	0.0021	0	0	0.00%
S38B	NNH ₄	mg N/L	92	22JUL2002 - 28APR2003	4	0.067	0.080	<0.009	0.013	0.037	0.112	0.185	1	0	0.00%
S38B	ORGN	mg N/L	79	22JUL2002 - 28APR2003	4	1.475	0.359	1.219	1.250	1.340	1.701	2.001	0	0	0.00%
S38B	TKN	mg N/L	21	22JUL2002 - 28APR2003	4	1.525	0.432	1.230	1.255	1.355	1.795	2.160	0	0	0.00%
S38B	OPO ₄	mg P/L	23	22JUL2002 - 28APR2003	4	0.0065	0.00265	<0.004	0.0005	0.006	0.0085	0.01	1	0	0.00%
S38B	TP	mg P/L	25	22JUL2002 - 28APR2003	4	0.029	0.027	0.012	0.013	0.017	0.045	0.069	0	0	0.00%
S38B	DIS. CA	mg/L	30	22JUL2002 - 28APR2003	4	60.526	12.282	46.496	52.712	59.587	68.340	76.433	0	0	0.00%
S38B	DIS. K	mg/L	29	22JUL2002 - 28APR2003	4	7.014	1.860	4.639	5.818	7.119	8.210	9.178	0	0	0.00%
S38B	DIS. MG	mg/L	31	22JUL2002 - 28APR2003	4	13.240	6.926	4.483	7.689	14.728	18.790	19.020	0	0	0.00%
S38B	DIS. NA	mg/L	28	22JUL2002 - 28APR2003	4	62.994	16.793	40.002	50.714	67.062	75.275	77.852	0	0	0.00%
S38B	TOT. CL	mg/L	32	22JUL2002 - 28APR2003	4	94.910	23.987	61.020	79.140	100.915	110.680	116.790	0	0	0.00%
S38B	TOT. SO ₄	mg/L	33	22JUL2002 - 28APR2003	4	37.503	14.671	22.740	25.525	36.240	49.480	54.790	0	0	0.00%
S38B	DIS. SILICA	mg/L	27	22JUL2002 - 28APR2003	4	12.210	3.218	8.398	9.665	12.351	14.756	15.741	0	0	0.00%
S38B	TOT. FE	mg/L	177	22JUL2002 - 28APR2003	4	0.094	0.146	0.012	0.012	0.026	0.176	0.312	0	0	0.00%
S38B	TOT. CD	µg/L	103	10SEP2002 - 10SEP2002	1	0.300		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S38B	TOT. CU	µg/L	104	10SEP2002 - 10SEP2002	1	2.618		2.618	2.618	2.618	2.618	2.618	0	0	0.00%
S38B	TOT. MTHY HG	ng/L	203	15MAY2002 - 11FEB2003	4	0.073	0.027	0.038	0.053	0.077	0.093	0.100	0	0	0.00%
S38B	TOT. ZN	µg/L	105	10SEP2002 - 10SEP2002	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
NSIDSP01	DO	mg/L	8	08AUG2002 - 12DEC2002	4	6.748	0.817	6.000	6.160	6.560	7.335	7.870	0	0	0.00%
NSIDSP01	FLDCOND.	µMHOS/CM	9	08AUG2002 - 12DEC2002	4	575.250	48.072	526.000	540.500	568.000	610.000	639.000	0	0	0.00%
NSIDSP01	pH	UNITS	10	08AUG2002 - 12DEC2002	4	6.760	2.614	2.840	5.425	8.040	8.095	8.120	0	1	25.00%
NSIDSP01	TEMP	CENT	7	08AUG2002 - 12DEC2002	4	29.618	0.932	28.270	29.035	29.900	30.200	30.400	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	DO	mg/L	8	22JUL2002 - 28APR2003	4	4.723	2.479	2.180	2.775	4.455	6.670	7.800	0	2	50.00%
G64	FLDCOND.	µMHOS/CM	9	22JUL2002 - 28APR2003	4	955.500	68.695	862.000	911.500	966.500	999.500	1027.000	0	0	0.00%
G64	pH	UNITS	10	22JUL2002 - 28APR2003	4	7.783	0.162	7.600	7.660	7.775	7.905	7.980	0	0	0.00%
G64	TURBIDITY	NTU	12	22JUL2002 - 28APR2003	4	1.983	0.772	1.170	1.410	1.890	2.555	2.980	0	0	0.00%
G64	TSS	mg/L	16	22JUL2002 - 28APR2003	4	2.700	0.600	<0.6	<3	<3	<3	1.800	3	0	0.00%
G64	COLOR	UNITS	13	22JUL2002 - 28APR2003	4	77.500	13.329	65.000	66.000	77.500	89.000	90.000	0	0	0.00%
G64	HARDNESS	mg/L CaCO ₃	35	22JUL2002 - 28APR2003	3	298.900	37.975	256.400	256.400	310.800	329.500	329.500	0	0	0.00%
G64	TEMP	CENT	7	22JUL2002 - 28APR2003	4	24.673	6.054	16.080	20.750	26.235	28.595	30.140	0	0	0.00%
G64	ALKALINITY	mg/L	67	22JUL2002 - 28APR2003	4	263.135	27.794	224.450	244.890	269.020	281.380	290.050	0	0	0.00%
G64	TN	mg N/L	80	22JUL2002 - 28APR2003	4	1.761	0.166	1.515	1.666	1.826	1.856	1.877	0	0	0.00%
G64	NO _x	mg N/L	18;180	22JUL2002 - 28APR2003	4	0.061	0.083	0.005	0.016	0.027	0.106	0.185	0	0	0.00%
G64	NO ₂	mg N/L	19	22JUL2002 - 28APR2003	4	0.004	0.000	<0.004	<0.004	0.000	0.004	0.004	2	0	0.00%
G64	NO ₃	mg N/L	78	22JUL2002 - 28APR2003	4	0.059	0.082	0.005	0.014	0.025	0.104	0.181	0	0	0.00%
G64	NH ₄	mg N/L	20	22JUL2002 - 28APR2003	4	0.050	0.052	0.009	0.017	0.033	0.084	0.126	0	0	0.00%
G64	UN-IONIZED AMMONIA	mg/L	NONE	22JUL2002 - 28APR2003	4	0.0020	0.0022	0.0006	0.0007	0.0010	0.0032	0.0053	0	0	0.00%
G64	NNH ₄	mg N/L	92	22JUL2002 - 28APR2003	4	0.111	0.097	0.014	0.032	0.102	0.190	0.227	0	0	0.00%
G64	ORGN	mg N/L	79	22JUL2002 - 28APR2003	4	1.650	0.120	1.501	1.555	1.666	1.745	1.766	0	0	0.00%
G64	TKN	mg N/L	21	22JUL2002 - 28APR2003	4	1.700	0.152	1.510	1.580	1.720	1.820	1.850	0	0	0.00%
G64	OPO ₄	mg P/L	23	22JUL2002 - 28APR2003	4	0.007	0.003	<0.004	0.001	0.006	0.009	0.011	1	0	0.00%
G64	TP	mg P/L	25	22JUL2002 - 28APR2003	4	0.048	0.047	0.021	0.023	0.027	0.074	0.119	0	0	0.00%
G64	DIS. CA	mg/L	30	22JUL2002 - 28APR2003	4	81.807	7.379	71.251	77.497	83.755	86.116	88.465	0	0	0.00%
G64	DIS. K	mg/L	29	22JUL2002 - 28APR2003	4	6.331	0.348	5.950	6.067	6.304	6.595	6.765	0	0	0.00%
G64	DIS. MG	mg/L	31	22JUL2002 - 28APR2003	3	23.395	3.838	19.071	19.071	24.717	26.397	26.397	0	0	0.00%
G64	DIS. NA	mg/L	28	22JUL2002 - 28APR2003	3	71.947	19.324	51.575	51.575	74.249	90.017	90.017	0	0	0.00%
G64	TOT. CL	mg/L	32	22JUL2002 - 28APR2003	4	117.545	22.933	84.550	103.090	124.205	132.000	137.220	0	0	0.00%
G64	TOT. SO ₄	mg/L	33	22JUL2002 - 28APR2003	4	22.660	2.257	20.860	20.975	22.020	24.345	25.740	0	0	0.00%
G64	DIS. SILICA	mg/L	27	22JUL2002 - 28APR2003	4	14.201	1.533	12.823	13.203	13.802	15.199	16.377	0	0	0.00%
S12D	DO	mg/L	8	06MAY2002 - 29APR2003	26	2.882	1.531	0.400	1.530	2.745	4.020	6.820	0	25	96.15%
S12D	FLDCOND.	µMHOS/CM	9	06MAY2002 - 29APR2003	26	442.338	159.777	239.000	277.000	442.350	594.000	656.000	0	0	0.00%
S12D	pH	UNITS	10	06MAY2002 - 29APR2003	26	7.277	0.111	7.000	7.210	7.300	7.340	7.480	0	0	0.00%
S12D	TURBIDITY	NTU	12	06MAY2002 - 29APR2003	26	1.410	1.419	0.415	0.677	0.993	1.450	6.840	0	0	0.00%
S12D	TSS	mg/L	16	06MAY2002 - 29APR2003	26	2.969	1.114	<3	<3	<3	2.000	6.600	16	0	0.00%
S12D	COLOR	UNITS	13	06MAY2002 - 29APR2003	25	46.360	20.942	18.000	29.000	47.000	64.000	80.000	0	0	0.00%
S12D	HARDNESS	mg/L CaCO ₃	35	06MAY2002 - 29APR2003	26	169.1462	45.6081	101.6	121.5	188.1	209.5	240.1	0	0	0.00%
S12D	TEMP	CENT	7	06MAY2002 - 29APR2003	27	25.409	4.312	14.280	21.790	26.850	28.610	30.800	0	0	0.00%
S12D	ALKALINITY	mg/L	67	06MAY2002 - 29APR2003	26	158.073	38.192	101.170	119.980	174.430	190.940	221.220	0	0	0.00%
S12D	TN	mg N/L	80	06MAY2002 - 29APR2003	26	1.080	0.265	<0.5	0.827	1.169	1.292	1.441	1	0	0.00%
S12D	NO _x	mg N/L	18;180	20MAY2002 - 29APR2003	22	0.039	0.034	0.006	0.012	0.034	0.045	0.132	0	0	0.00%
S12D	NO ₂	mg N/L	19	06MAY2002 - 29APR2003	25	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.016	18	0	0.00%
S12D	NO ₃	mg N/L	78	20MAY2002 - 29APR2003	21	0.038	0.031	0.006	0.012	0.037	0.045	0.116	0	0	0.00%
S12D	NH ₄	mg N/L	20	06MAY2002 - 29APR2003	25	0.042	0.027	<0.009	0.024	0.036	0.051	0.132	1	0	0.00%
S12D	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2002 - 29APR2003	24	0.0006	0.0005	0.0000	0.0002	0.0006	0.0010	0.0023	0	0	0.00%
S12D	NNH ₄	mg N/L	92	20MAY2002 - 29APR2003	22	0.078	0.055	0.014	0.032	0.072	0.093	0.202	0	0	0.00%
S12D	ORGN	mg N/L	79	06MAY2002 - 29APR2003	24	1.018	0.214	0.680	0.793	1.074	1.203	1.310	0	0	0.00%
S12D	TKN	mg N/L	21	06MAY2002 - 29APR2003	25	1.070	0.229	0.680	0.850	1.130	1.260	1.360	0	0	0.00%
S12D	OPO ₄	mg P/L	23	06MAY2002 - 29APR2003	25	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.007	13	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	ALKALINE PHOS	nM/minml	168	20MAY2002 - 21APR2003	24	8.179	5.870	1.800	4.600	5.800	10.550	26.600	0	0	0.00%
S12D	TP	mg P/L	25	06MAY2002 - 29APR2003	26	0.012	0.005	0.005	0.009	0.011	0.015	0.023	0	0	0.00%
S12D	DIS. CA	mg/L	30	06MAY2002 - 29APR2003	26	54.472	11.174	36.686	42.439	58.492	62.833	72.069	0	0	0.00%
S12D	DIS. K	mg/L	29	06MAY2002 - 29APR2003	26	2.632	1.378	0.811	1.205	3.041	4.110	4.290	0	0	0.00%
S12D	DIS. MG	mg/L	31	06MAY2002 - 29APR2003	26	8.051	4.526	2.440	3.411	9.540	12.410	14.617	0	0	0.00%
S12D	DIS. NA	mg/L	28	06MAY2002 - 29APR2003	26	28.292	15.095	9.238	12.783	33.106	43.183	48.301	0	0	0.00%
S12D	TOT. CL	mg/L	32	06MAY2002 - 29APR2003	25	44.936	24.421	14.360	18.850	52.960	67.930	77.710	0	0	0.00%
S12D	TOT. SO ₄	mg/L	33	01JUL2002 - 21APR2003	5	4.590	4.948	<0.1	0.200	3.640	7.350	11.660	1	0	0.00%
S12D	DIS. SILICA	mg/L	27	01JUL2002 - 21APR2003	5	8.982	2.793	6.403	7.517	8.061	9.313	13.614	0	0	0.00%
S12D	TOT. MTHY HG	ng/L	203	16JUL2002 - 16APR2003	4	0.132	0.065	0.076	0.084	0.116	0.180	0.220	0	0	0.00%
S12D	CAROTENOID	mg/m ³	63	20MAY2002 - 21APR2003	24	1.625	1.417	<1	<1	<1	1.550	6.700	13	0	0.00%
S12D	CHLA	mg/m ³	61	20MAY2002 - 21APR2003	24	3.388	4.741	<1	0.100	1.700	3.150	21.300	6	0	0.00%
S12D	CHLA2	mg/m ³	112	20MAY2002 - 21APR2003	24	2.892	3.771	<1	1.250	1.700	2.450	17.700	5	0	0.00%
S12D	CHLB	mg/m ³	62	20MAY2002 - 21APR2003	24	1.033	0.163	<1	<1	<1	<1	1.800	23	0	0.00%
S12D	CHLC	mg/m ³	113	20MAY2002 - 21APR2003	24	1.029	0.143	<1	<1	<1	<1	1.700	23	0	0.00%
S12D	PHEOPHYTIN	mg/m ³	64	20MAY2002 - 21APR2003	24	1.425	1.140	<1	<1	<1	<1	5.000	19	0	0.00%
S10E	DO	mg/L	8	21MAY2002 - 24APR2003	12	5.093	1.979	2.190	3.320	5.670	6.200	8.630	0	5	41.67%
S10E	FLDCOND.	µMHOS/CM	9	21MAY2002 - 24APR2003	12	844.367	168.555	652.000	717.350	804.000	965.350	1216.000	0	0	0.00%
S10E	pH	UNITS	10	21MAY2002 - 24APR2003	12	7.693	0.220	7.260	7.555	7.700	7.880	8.000	0	0	0.00%
S10E	TURBIDITY	NTU	12	21MAY2002 - 24APR2003	12	6.168	3.791	2.540	3.345	5.075	7.635	14.600	0	0	0.00%
S10E	TSS	mg/L	16	21MAY2002 - 24APR2003	12	6.050	3.767	<3	3.300	4.100	7.700	14.600	2	0	0.00%
S10E	COLOR	UNITS	13	21MAY2002 - 24APR2003	12	79.667	28.468	49.000	66.500	74.000	83.000	157.000	0	0	0.00%
S10E	HARDNESS	mg/L CaCO ₃	35	17JUL2002 - 27JAN2003	3	270.733	85.070	212.800	212.800	231.000	368.400	368.400	0	0	0.00%
S10E	TEMP	CENT	7	21MAY2002 - 24APR2003	12	24.286	5.370	13.090	22.075	25.455	28.090	29.830	0	0	0.00%
S10E	ALKALINITY	mg/L	67	21MAY2002 - 24APR2003	12	194.106	44.083	129.900	166.965	193.920	215.955	297.810	0	0	0.00%
S10E	TN	mg N/L	80	21MAY2002 - 24APR2003	12	1.787	0.372	1.336	1.492	1.691	2.000	2.574	0	0	0.00%
S10E	NO _x	mg N/L	18;180	21MAY2002 - 24APR2003	12	0.080	0.103	0.009	0.021	0.052	0.092	0.392	0	0	0.00%
S10E	NO ₂	mg N/L	19	21MAY2002 - 24APR2003	12	0.007	0.002	<0.004	0.004	0.007	0.008	0.010	1	0	0.00%
S10E	NO ₃	mg N/L	78	21MAY2002 - 24APR2003	12	0.074	0.103	0.009	0.017	0.043	0.085	0.384	0	0	0.00%
S10E	NH ₄	mg N/L	20	21MAY2002 - 24APR2003	12	0.036	0.022	0.010	0.024	0.034	0.038	0.096	0	0	0.00%
S10E	UN-IONIZED AMMONIA	mg/L	NONE	21MAY2002 - 24APR2003	12	0.0012	0.0009	0.0003	0.0008	0.0010	0.0012	0.0039	0	0	0.00%
S10E	NNH ₄	mg N/L	92	21MAY2002 - 24APR2003	12	0.115	0.106	0.043	0.057	0.084	0.138	0.427	0	0	0.00%
S10E	ORGN	mg N/L	79	21MAY2002 - 24APR2003	12	1.671083	0.36535	1.214	1.386	1.6005	1.8055	2.496	0	0	0.00%
S10E	TKN	mg N/L	21	21MAY2002 - 24APR2003	12	1.707	0.364	1.240	1.420	1.635	1.865	2.530	0	0	0.00%
S10E	OPO ₄	mg P/L	23	21MAY2002 - 24APR2003	12	0.029	0.020	0.005	0.014	0.028	0.032	0.075	0	0	0.00%
S10E	TP	mg P/L	25	21MAY2002 - 24APR2003	12	0.062	0.029	0.029	0.047	0.052	0.067	0.128	0	0	0.00%
S10E	DIS. CA	mg/L	30	17JUL2002 - 27JAN2003	3	72.355	21.275	58.742	58.742	61.452	96.871	96.871	0	0	0.00%
S10E	DIS. K	mg/L	29	17JUL2002 - 24APR2003	4	7.287	0.937	6.557	6.740	6.965	7.835	8.662	0	0	0.00%
S10E	DIS. MG	mg/L	31	17JUL2002 - 27JAN2003	3	21.887	7.799	16.070	16.070	18.841	30.749	30.749	0	0	0.00%
S10E	DIS. NA	mg/L	28	17JUL2002 - 24APR2003	4	77.384	19.420	57.260	63.454	74.582	91.315	103.113	0	0	0.00%
S10E	TOT. CL	mg/L	32	21MAY2002 - 24APR2003	12	114.603	21.129	90.450	97.900	108.370	130.055	157.440	0	0	0.00%
S10E	TOT. SO ₄	mg/L	33	17JUL2002 - 24APR2003	4	57.880	24.035	39.310	42.585	49.670	73.175	92.870	0	0	0.00%
S10E	DIS. SILICA	mg/L	27	17JUL2002 - 24APR2003	4	16.070	7.543	9.559	11.205	13.922	20.935	26.877	0	0	0.00%
S34	DO	mg/L	8	13MAY2002 - 28APR2003	16	5.589	1.703	0.910	5.145	5.670	6.870	7.710	0	3	18.75%
S34	FLDCOND.	µMHOS/CM	9	13MAY2002 - 28APR2003	17	909.000	98.124	787.000	828.000	884.000	972.000	1105.000	0	0	0.00%
S34	pH	UNITS	10	13MAY2002 - 28APR2003	17	7.436	0.280	7.000	7.270	7.350	7.610	8.060	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
S34	TURBIDITY	NTU	12	13MAY2002 - 28APR2003	17	1.974	1.100	0.537	1.190	1.820	2.670	4.520	0	0	0.00%
S34	TSS	mg/L	16	13MAY2002 - 28APR2003	17	2.824	0.907	<3	<3	<3	1.200	4.100	11	0	0.00%
S34	COLOR	UNITS	13	13MAY2002 - 28APR2003	17	77.412	14.134	55.000	68.000	80.000	87.000	107.000	0	0	0.00%
S34	TEMP	CENT	7	13MAY2002 - 28APR2003	17	23.729	4.748	14.900	20.760	23.360	27.380	30.150	0	0	0.00%
S34	ALKALINITY	mg/L	67	13MAY2002 - 28APR2003	17	221.012	30.124	181.690	195.150	219.270	240.860	293.670	0	0	0.00%
S34	TN	mg N/L	80	13MAY2002 - 28APR2003	17	1.828	0.464	1.210	1.628	1.780	1.937	3.438	0	0	0.00%
S34	NO _x	mg N/L	18;180	13MAY2002 - 28APR2003	17	0.120	0.317	<0.004	0.008	0.025	0.108	1.338	3	0	0.00%
S34	NO ₂	mg N/L	19	13MAY2002 - 28APR2003	17	0.008	0.012	<0.004	<0.004	0.004	0.005	0.054	8	0	0.00%
S34	NO ₃	mg N/L	78	13MAY2002 - 28APR2003	17	0.114	0.304	<0.004	0.005	0.021	0.103	1.284	3	0	0.00%
S34	NH ₄	mg N/L	20	13MAY2002 - 28APR2003	17	0.040	0.027	<0.009	0.011	0.041	0.058	0.082	3	0	0.00%
S34	UN-IONIZED AMMONIA	mg/L	NONE	13MAY2002 - 28APR2003	17	0.0006	0.0004	0.0002	0.0004	0.0004	0.0008	0.0017	0	0	0.00%
S34	NNH ₄	mg N/L	92	13MAY2002 - 28APR2003	17	0.159	0.325	<0.009	0.019	0.074	0.142	1.396	2	0	0.00%
S34	ORGN	mg N/L	79	13MAY2002 - 28APR2003	17	1.671	0.222	1.210	1.553	1.708	1.808	2.042	0	0	0.00%
S34	TKN	mg N/L	21	13MAY2002 - 28APR2003	17	1.709	0.226	1.210	1.590	1.750	1.870	2.100	0	0	0.00%
S34	OPO ₄	mg P/L	23	13MAY2002 - 28APR2003	17	0.009	0.005	<0.004	0.006	0.007	0.009	0.026	1	0	0.00%
S34	TP	mg P/L	25	13MAY2002 - 28APR2003	17	0.024	0.012	0.009	0.017	0.020	0.032	0.058	0	0	0.00%
S34	DIS. K	mg/L	29	22JUL2002 - 14APR2003	4	6.322	0.894	5.428	5.598	6.231	7.046	7.396	0	0	0.00%
S34	DIS. NA	mg/L	28	22JUL2002 - 14APR2003	4	88.442	22.676	69.547	69.891	84.063	106.994	116.095	0	0	0.00%
S34	TOT. CL	mg/L	32	13MAY2002 - 28APR2003	17	127.856	16.979	106.870	108.760	133.980	143.040	153.060	0	0	0.00%
S34	TOT. SO ₄	mg/L	33	22JUL2002 - 14APR2003	4	19.450	5.046	13.950	15.325	19.385	23.575	25.080	0	0	0.00%
S34	DIS. SILICA	mg/L	27	22JUL2002 - 14APR2003	4	11.881	4.005	8.966	9.171	10.456	14.591	17.645	0	0	0.00%
S142	DO	mg/L	8	29MAY2002 - 28APR2003	14	4.727	2.182	0.700	3.110	4.590	6.500	7.790	0	8	57.14%
S142	FLDCOND.	µMHOS/CM	9	29MAY2002 - 28APR2003	15	904.200	99.095	750.000	850.000	914.000	972.000	1089.000	0	0	0.00%
S142	pH	UNITS	10	29MAY2002 - 28APR2003	15	7.493	0.278	7.210	7.320	7.450	7.550	8.100	0	0	0.00%
S142	TURBIDITY	NTU	12	29MAY2002 - 28APR2003	15	2.416	1.436	0.955	1.250	2.010	3.140	6.330	0	0	0.00%
S142	TSS	mg/L	16	29MAY2002 - 28APR2003	15	3.460	2.025	<3	<3	<3	3.200	10.400	8	0	0.00%
S142	COLOR	UNITS	13	29MAY2002 - 28APR2003	15	86.600	21.781	54.000	67.000	88.000	105.000	120.000	0	0	0.00%
S142	HARDNESS	mg/L CaCO ₃	35	22JUL2002 - 28APR2003	4	257.775	19.780	239.200	240.950	256.550	274.600	278.800	0	0	0.00%
S142	TEMP	CENT	7	29MAY2002 - 28APR2003	15	24.085	4.982	15.190	20.780	25.120	27.570	31.850	0	0	0.00%
S142	ALKALINITY	mg/L	67	29MAY2002 - 28APR2003	15	234.779	30.824	183.420	216.700	243.090	263.860	272.160	0	0	0.00%
S142	TN	mg N/L	80	29MAY2002 - 28APR2003	15	1.949	0.528	1.594	1.688	1.847	1.920	3.753	0	0	0.00%
S142	NO _x	mg N/L	18;180	29MAY2002 - 28APR2003	15	0.164	0.377	<0.004	0.017	0.050	0.121	1.503	1	0	0.00%
S142	NO ₂	mg N/L	19	29MAY2002 - 28APR2003	15	0.012	0.026	<0.004	<0.004	0.004	0.007	0.105	6	0	0.00%
S142	NO ₃	mg N/L	78	29MAY2002 - 28APR2003	15	0.153	0.351	<0.004	0.013	0.046	0.121	1.398	1	0	0.00%
S142	NH ₄	mg N/L	20	29MAY2002 - 28APR2003	15	0.066	0.043	<0.009	0.039	0.053	0.094	0.165	1	0	0.00%
S142	UN-IONIZED AMMONIA	mg/L	NONE	29MAY2002 - 28APR2003	15	0.0013	0.0010	0.0004	0.0006	0.0008	0.0021	0.0035	0	0	0.00%
S142	NNH ₄	mg N/L	92	29MAY2002 - 28APR2003	15	0.229	0.406	<0.009	0.046	0.117	0.201	1.668	1	0	0.00%
S142	ORGN	mg N/L	79	29MAY2002 - 28APR2003	15	1.720	0.189	1.417	1.597	1.706	1.920	2.085	0	0	0.00%
S142	TKN	mg N/L	21	29MAY2002 - 28APR2003	15	1.785	0.201	1.470	1.670	1.800	1.920	2.250	0	0	0.00%
S142	OPO ₄	mg P/L	23	29MAY2002 - 28APR2003	15	0.013733	0.01703	<0.004	0.006	0.01	0.011	0.072	1	0	0.00%
S142	TP	mg P/L	25	29MAY2002 - 28APR2003	15	0.033	0.019	0.012	0.021	0.026	0.038	0.089	0	0	0.00%
S142	DIS. CA	mg/L	30	22JUL2002 - 28APR2003	4	68.967	5.618	63.419	65.044	67.914	72.890	76.620	0	0	0.00%
S142	DIS. K	mg/L	29	22JUL2002 - 28APR2003	4	5.612	1.076	4.451	4.705	5.656	6.519	6.685	0	0	0.00%
S142	DIS. MG	mg/L	31	22JUL2002 - 28APR2003	4	20.785	2.257	18.531	19.083	20.441	22.488	23.728	0	0	0.00%
S142	DIS. NA	mg/L	28	22JUL2002 - 28APR2003	4	75.001	18.661	53.458	62.246	73.923	87.755	98.699	0	0	0.00%
S142	TOT. CL	mg/L	32	29MAY2002 - 28APR2003	15	117.955	18.663	88.110	108.060	111.960	122.190	159.760	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
S142	TOT. SO ₄	mg/L	33	22JUL2002 - 28APR2003	4	25.800	15.782	11.570	14.605	21.985	36.995	47.660	0	0	0.00%
S142	DIS. SILICA	mg/L	27	22JUL2002 - 28APR2003	4	14.901	5.291	9.769	10.641	14.227	19.161	21.382	0	0	0.00%
S11A	DO	mg/L	8	24JUN2002 - 28APR2003	14	6.404	1.709	3.040	5.320	6.600	7.590	8.840	0	3	21.43%
S11A	FLDCOND.	µMHOS/CM	9	29MAY2002 - 28APR2003	16	929.875	179.531	629.000	805.500	945.500	#####	1317.000	0	1	6.25%
S11A	pH	UNITS	10	29MAY2002 - 28APR2003	16	7.526875	0.39998	7.06	7.255	7.4	7.75	8.62	0	1	6.25%
S11A	TURBIDITY	NTU	12	29MAY2002 - 28APR2003	16	2.019	1.499	0.205	0.867	1.750	2.775	6.240	0	0	0.00%
S11A	TSS	mg/L	16	29MAY2002 - 28APR2003	16	2.881	0.945	<2	<3	<3	3.100	4.400	9	0	0.00%
S11A	COLOR	UNITS	13	29MAY2002 - 28APR2003	15	81.200	17.753	50.000	72.000	81.000	91.000	120.000	0	0	0.00%
S11A	HARDNESS	mg/L CaCO ₃	35	28OCT2002 - 28OCT2002	1	191.500		191.500	191.500	191.500	191.500	191.500	0	0	0.00%
S11A	TEMP	CENT	7	29MAY2002 - 28APR2003	16	24.274	5.225	14.300	20.280	24.530	28.850	31.510	0	0	0.00%
S11A	ALKALINITY	mg/L	67	29MAY2002 - 28APR2003	16	214.636	49.933	148.670	167.975	210.320	253.280	305.230	0	0	0.00%
S11A	TN	mg N/L	80	29MAY2002 - 28APR2003	16	1.939	0.602	1.246	1.554	1.833	2.013	3.747	0	0	0.00%
S11A	NO _x	mg N/L	18;180	29MAY2002 - 28APR2003	16	0.185	0.400	<0.004	0.006	0.021	0.132	1.457	3	0	0.00%
S11A	NO ₂	mg N/L	19	29MAY2002 - 28APR2003	16	0.013	0.024	<0.004	<0.004	<0.004	0.006	0.095	10	0	0.00%
S11A	NO ₃	mg N/L	78	29MAY2002 - 28APR2003	16	0.175	0.375	<0.004	0.006	0.021	0.125	1.362	3	0	0.00%
S11A	NH ₄	mg N/L	20	29MAY2002 - 28APR2003	16	0.035	0.029	<0.009	0.014	0.026	0.042	0.108	1	0	0.00%
S11A	UN-IONIZED AMMONIA	mg/L	NONE	29MAY2002 - 28APR2003	16	0.0007	0.0007	0.0001	0.0004	0.0005	0.0008	0.0033	0	0	0.00%
S11A	NNH ₄	mg N/L	92	29MAY2002 - 28APR2003	16	0.219	0.419	<0.009	0.021	0.046	0.184	1.548	1	0	0.00%
S11A	ORGN	mg N/L	79	29MAY2002 - 28APR2003	16	1.721	0.266	1.204	1.516	1.787	1.895	2.199	0	0	0.00%
S11A	TKN	mg N/L	21	29MAY2002 - 28APR2003	16	1.755	0.283	1.220	1.535	1.800	1.940	2.290	0	0	0.00%
S11A	OPO ₄	mg P/L	23	29MAY2002 - 28APR2003	16	0.013	0.015	<0.004	0.006	0.009	0.015	0.066	3	0	0.00%
S11A	TP	mg P/L	25	29MAY2002 - 28APR2003	15	0.028	0.022	0.009	0.013	0.018	0.037	0.093	0	0	0.00%
S11A	DIS. CA	mg/L	30	28OCT2002 - 28OCT2002	1	49.321		49.321	49.321	49.321	49.321	49.321	0	0	0.00%
S11A	DIS. K	mg/L	29	22JUL2002 - 28APR2003	4	5.563	0.771	4.426	5.122	5.845	6.005	6.136	0	0	0.00%
S11A	DIS. MG	mg/L	31	28OCT2002 - 28OCT2002	1	16.611		16.611	16.611	16.611	16.611	16.611	0	0	0.00%
S11A	DIS. NA	mg/L	28	22JUL2002 - 28APR2003	4	67.277	11.152	55.259	59.107	66.110	75.447	81.630	0	0	0.00%
S11A	TOT. CL	mg/L	32	29MAY2002 - 28APR2003	16	131.021	32.862	80.990	105.260	133.275	151.175	210.210	0	0	0.00%
S11A	TOT. SO ₄	mg/L	33	22JUL2002 - 28APR2003	4	34.085	9.489	23.970	26.715	33.285	41.455	45.800	0	0	0.00%
S11A	DIS. SILICA	mg/L	27	22JUL2002 - 28APR2003	4	15.252	4.759	8.444	12.013	16.790	18.492	18.986	0	0	0.00%
S145	DO	mg/L	8	24JUN2002 - 28APR2003	16	4.760	1.625	2.260	3.690	4.630	5.425	7.780	0	11	68.75%
S145	FLDCOND.	µMHOS/CM	9	29MAY2002 - 28APR2003	18	818.944	177.273	560.000	703.000	802.500	927.000	1170.000	0	0	0.00%
S145	pH	UNITS	10	29MAY2002 - 28APR2003	18	7.369	0.273	6.910	7.160	7.310	7.550	7.980	0	0	0.00%
S145	TURBIDITY	NTU	12	29MAY2002 - 28APR2003	18	1.223	1.066	0.353	0.617	0.886	1.530	4.580	0	0	0.00%
S145	TSS	mg/L	16	29MAY2002 - 28APR2003	18	2.606	0.978	<1	<3	<3	<3	4.300	14	0	0.00%
S145	COLOR	UNITS	13	29MAY2002 - 28APR2003	18	84.556	17.704	58.000	70.000	82.000	102.000	113.000	0	0	0.00%
S145	TEMP	CENT	7	29MAY2002 - 28APR2003	18	25.301	4.424	15.000	22.400	26.345	28.860	30.930	0	0	0.00%
S145	ALKALINITY	mg/L	67	29MAY2002 - 28APR2003	18	187.341	37.822	131.500	164.420	179.305	192.900	274.220	0	0	0.00%
S145	TN	mg N/L	80	29MAY2002 - 28APR2003	18	1.737	0.439	1.240	1.425	1.563	1.992	2.793	0	0	0.00%
S145	NO _x	mg N/L	18;180	29MAY2002 - 28APR2003	18	0.092	0.222	<0.004	0.004	0.006	0.037	0.803	4	0	0.00%
S145	NO ₂	mg N/L	19	29MAY2002 - 28APR2003	18	0.008	0.014	<0.004	<0.004	<0.004	<0.004	0.064	14	0	0.00%
S145	NO ₃	mg N/L	78	29MAY2002 - 28APR2003	18	0.086	0.208	<0.004	0.004	0.006	0.037	0.739	4	0	0.00%
S145	NH ₄	mg N/L	20	29MAY2002 - 28APR2003	18	0.024	0.018	<0.009	0.011	0.019	0.030	0.074	3	0	0.00%
S145	UN-IONIZED AMMONIA	mg/L	NONE	29MAY2002 - 28APR2003	18	0.0005	0.0006	0.0000	0.0002	0.0003	0.0006	0.0025	0	0	0.00%
S145	NNH ₄	mg N/L	92	29MAY2002 - 28APR2003	18	0.114	0.227	<0.009	0.013	0.023	0.081	0.837	2	0	0.00%
S145	ORGN	mg N/L	79	29MAY2002 - 28APR2003	18	1.624	0.303	1.229	1.420	1.508	1.880	2.291	0	0	0.00%
S145	TKN	mg N/L	21	29MAY2002 - 28APR2003	18	1.647	0.307	1.240	1.420	1.530	1.940	2.300	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
S145	OPO ₄	mg P/L	23	29MAY2002 - 28APR2003	17	0.009	0.006	0.004	0.005	0.007	0.009	0.031	0	0	0.00%
S145	TP	mg P/L	25	29MAY2002 - 28APR2003	17	0.019	0.017	0.005	0.009	0.012	0.022	0.077	0	0	0.00%
S145	DIS. K	mg/L	29	22JUL2002 - 14APR2003	4	7.171	0.807	6.433	6.570	6.996	7.771	8.258	0	0	0.00%
S145	DIS. NA	mg/L	28	22JUL2002 - 14APR2003	4	87.632	28.635	61.966	67.474	80.551	107.790	127.460	0	0	0.00%
S145	TOT. CL	mg/L	32	29MAY2002 - 28APR2003	18	112.1578	30.4086	68.48	90.43	103.51	138.58	166.26	0	0	0.00%
S145	TOT. SO ₄	mg/L	33	22JUL2002 - 14APR2003	4	35.605	9.288	25.040	27.875	36.340	43.335	44.700	0	0	0.00%
S145	DIS. SILICA	mg/L	27	22JUL2002 - 14APR2003	4	15.955	7.018	9.730	9.930	15.503	21.981	23.085	0	0	0.00%
S151	DO	mg/L	8	07MAY2002 - 28APR2003	16	3.854	2.846	0.900	1.450	3.470	5.335	11.610	0	10	62.50%
S151	FLDCOND.	µMHOS/CM	9	07MAY2002 - 28APR2003	16	782.563	68.032	616.000	744.500	801.000	829.500	878.000	0	0	0.00%
S151	pH	UNITS	10	07MAY2002 - 28APR2003	16	7.351	0.205	7.040	7.170	7.325	7.470	7.690	0	0	0.00%
S151	TURBIDITY	NTU	12	07MAY2002 - 28APR2003	15	2.623	1.845	1.160	1.280	1.770	3.200	6.870	0	0	0.00%
S151	TSS	mg/L	16	07MAY2002 - 28APR2003	16	3.175	2.103	<3	<3	1.200	2.400	8.800	7	0	0.00%
S151	COLOR	UNITS	13	07MAY2002 - 28APR2003	16	70.188	23.022	44.000	48.000	61.000	94.500	109.000	0	0	0.00%
S151	TEMP	CENT	7	07MAY2002 - 28APR2003	16	25.846	4.442	14.530	22.755	27.340	28.950	30.880	0	0	0.00%
S151	ALKALINITY	mg/L	67	07MAY2002 - 28APR2003	16	230.431	29.341	177.840	210.020	232.210	256.905	276.620	0	0	0.00%
S151	TN	mg N/L	80	07MAY2002 - 28APR2003	16	1.560	0.117	1.303	1.485	1.556	1.640	1.726	0	0	0.00%
S151	NO _x	mg N/L	18;180	07MAY2002 - 28APR2003	16	0.081	0.052	0.008	0.050	0.075	0.111	0.195	0	0	0.00%
S151	NO ₂	mg N/L	19	07MAY2002 - 28APR2003	16	0.009	0.005	<0.004	0.004	0.008	0.013	0.021	2	0	0.00%
S151	NO ₃	mg N/L	78	07MAY2002 - 28APR2003	16	0.073	0.048	0.004	0.042	0.067	0.101	0.177	0	0	0.00%
S151	NH ₄	mg N/L	20	07MAY2002 - 28APR2003	16	0.145	0.107	0.027	0.072	0.113	0.224	0.398	0	0	0.00%
S151	UN-IONIZED AMMONIA	mg/L	NONE	07MAY2002 - 28APR2003	16	0.0022	0.0014	0.0003	0.0013	0.0019	0.0038	0.0047	0	0	0.00%
S151	NNH ₄	mg N/L	92	07MAY2002 - 28APR2003	16	0.227	0.134	0.056	0.116	0.185	0.359	0.454	0	0	0.00%
S151	ORGN	mg N/L	79	07MAY2002 - 28APR2003	16	1.33275	0.18666	0.897	1.267	1.365	1.476	1.548	0	0	0.00%
S151	TKN	mg N/L	21	07MAY2002 - 28APR2003	16	1.478	0.135	1.130	1.400	1.515	1.545	1.670	0	0	0.00%
S151	OPO ₄	mg P/L	23	07MAY2002 - 28APR2003	16	0.005	0.002	<0.004	0.004	0.005	0.006	0.010	1	0	0.00%
S151	TP	mg P/L	25	07MAY2002 - 28APR2003	16	0.020	0.007	0.013	0.015	0.018	0.026	0.037	0	0	0.00%
S151	DIS. K	mg/L	29	16JUL2002 - 28APR2003	4	4.911	0.541	4.431	4.592	4.763	5.231	5.688	0	0	0.00%
S151	DIS. NA	mg/L	28	16JUL2002 - 28APR2003	4	54.800	9.136	43.006	48.472	55.582	61.129	65.032	0	0	0.00%
S151	TOT. CL	mg/L	32	07MAY2002 - 28APR2003	16	87.919	13.860	63.940	79.325	85.505	97.225	113.490	0	0	0.00%
S151	TOT. SO ₄	mg/L	33	16JUL2002 - 28APR2003	4	24.063	7.730	13.760	19.320	24.990	28.805	32.510	0	0	0.00%
S151	DIS. SILICA	mg/L	27	16JUL2002 - 28APR2003	4	11.001	3.406	8.149	8.442	10.120	13.560	15.614	0	0	0.00%
S151	TOT. MTHY HG	ng/L	203	17JUL2002 - 15JAN2003	3	0.128	0.141	0.035	0.035	0.060	0.290	0.290	0	0	0.00%
S333	DO	mg/L	8	06MAY2002 - 21APR2003	31	3.244	1.567	0.620	2.070	3.160	4.680	7.070	0	27	87.10%
S333	FLDCOND.	µMHOS/CM	9	06MAY2002 - 21APR2003	31	557.677	121.815	254.000	484.000	591.000	626.000	813.000	0	0	0.00%
S333	pH	UNITS	10	06MAY2002 - 21APR2003	31	7.352	0.173	7.030	7.260	7.320	7.430	7.980	0	0	0.00%
S333	TURBIDITY	NTU	12	06MAY2002 - 21APR2003	26	1.285	0.780	0.521	0.826	1.045	1.380	4.150	0	0	0.00%
S333	TSS	mg/L	16	06MAY2002 - 21APR2003	26	2.992	0.875	<3	<3	<3	<3	6.400	20	0	0.00%
S333	COLOR	UNITS	13	06MAY2002 - 21APR2003	26	51.731	15.175	19.000	41.000	51.000	60.000	85.000	0	0	0.00%
S333	HARDNESS	mg/L CaCO ₃	35	06MAY2002 - 21APR2003	28	196.454	30.693	102.800	179.450	204.200	214.950	248.800	0	0	0.00%
S333	TEMP	CENT	7	06MAY2002 - 21APR2003	32	24.200	4.837	14.320	20.855	25.825	28.385	30.820	0	0	0.00%
S333	ALKALINITY	mg/L	67	06MAY2002 - 21APR2003	26	177.745	25.841	100.740	160.670	181.570	193.700	222.990	0	0	0.00%
S333	TN	mg N/L	80	06MAY2002 - 21APR2003	26	1.279	0.217	0.827	1.190	1.267	1.355	2.051	0	0	0.00%
S333	NO _x	mg N/L	18;180	20MAY2002 - 21APR2003	24	0.049	0.019	0.025	0.037	0.046	0.060	0.103	0	0	0.00%
S333	NO ₂	mg N/L	19	06MAY2002 - 21APR2003	26	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.009	21	0	0.00%
S333	NO ₃	mg N/L	78	20MAY2002 - 21APR2003	24	0.048083	0.01742	0.025	0.0365	0.0455	0.059	0.094	0	0	0.00%
S333	NH ₄	mg N/L	20	06MAY2002 - 21APR2003	26	0.044	0.022	0.017	0.025	0.039	0.057	0.107	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	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2002 - 21APR2003	26	0.0007	0.0007	0.0001	0.0003	0.0006	0.0009	0.0031	0	0	0.00%
S333	NNH ₄	mg N/L	92	20MAY2002 - 21APR2003	24	0.092	0.034	0.051	0.069	0.088	0.098	0.199	0	0	0.00%
S333	ORGN	mg N/L	79	06MAY2002 - 21APR2003	26	1.190	0.211	0.732	1.101	1.181	1.243	1.963	0	0	0.00%
S333	TKN	mg N/L	21	06MAY2002 - 21APR2003	26	1.234	0.211	0.780	1.170	1.225	1.300	1.980	0	0	0.00%
S333	OPO ₄	mg P/L	23	06MAY2002 - 21APR2003	26	0.005	0.001	<0.004	<0.004	0.004	0.005	0.008	10	0	0.00%
S333	ALKALINE PHOS	nM/minml	168	20MAY2002 - 21APR2003	18	6.056	5.003	1.200	3.600	4.500	6.500	23.800	0	0	0.00%
S333	TP	mg P/L	25	06MAY2002 - 21APR2003	32	0.012	0.004	0.007	0.009	0.012	0.015	0.023	0	0	0.00%
S333	DIS. CA	mg/L	30	06MAY2002 - 21APR2003	28	59.667	6.910	36.923	56.958	60.307	63.886	69.508	0	0	0.00%
S333	DIS. K	mg/L	29	06MAY2002 - 21APR2003	26	3.683	1.128	1.375	3.168	4.104	4.501	5.525	0	0	0.00%
S333	DIS. MG	mg/L	31	06MAY2002 - 21APR2003	28	11.533	3.700	2.581	9.808	12.557	14.212	18.884	0	0	0.00%
S333	DIS. NA	mg/L	28	06MAY2002 - 21APR2003	26	41.892	14.744	9.328	33.135	43.084	50.385	76.021	0	0	0.00%
S333	TOT. CL	mg/L	32	06MAY2002 - 21APR2003	26	64.185	22.700	14.520	52.140	66.810	78.360	114.650	0	0	0.00%
S333	TOT. SO ₄	mg/L	33	29JUL2002 - 21APR2003	5	9.892	8.808	0.980	3.430	9.580	11.990	23.480	0	0	0.00%
S333	DIS. SILICA	mg/L	27	29JUL2002 - 21APR2003	5	10.211	3.550	6.333	7.067	10.100	13.708	13.849	0	0	0.00%
S333	TOT. FE	mg/L	177	29JUL2002 - 21APR2003	5	0.081	0.029	0.041	0.071	0.078	0.101	0.117	0	0	0.00%
S333	TOT. CD	µg/L	103	16JUL2002 - 14JAN2003	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S333	TOT. CU	µg/L	104	16JUL2002 - 14JAN2003	2	1.471	0.337	1.232	1.232	1.471	1.709	1.709	0	0	0.00%
S333	TOT. ZN	µg/L	105	16JUL2002 - 14JAN2003	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S333	CAROTENOID	mg/m ³	63	20MAY2002 - 21APR2003	18	1.422	1.160	<1	<1	<1	1.300	5.900	11	0	0.00%
S333	CHLA	mg/m ³	61	20MAY2002 - 21APR2003	18	2.761	3.492	<1	1.500	1.750	2.600	16.400	2	0	0.00%
S333	CHLA2	mg/m ³	112	20MAY2002 - 21APR2003	18	2.272	2.661	<1	1.300	1.550	1.700	12.600	1	0	0.00%
S333	CHLB	mg/m ³	62	20MAY2002 - 21APR2003	18	1.000	0.000	<1	<1	<1	<1	<1	18	0	0.00%
S333	CHLC	mg/m ³	113	20MAY2002 - 21APR2003	18	1.000	0.000	<1	<1	<1	<1	1.000	17	0	0.00%
S333	PHEOPHYTIN A	mg/m ³	64	20MAY2002 - 21APR2003	18	1.278	1.081	<1	<1	<1	<1	5.600	15	0	0.00%
C123SR84	DO	mg/L	8	14MAY2002 - 29APR2003	13	4.143	2.177	0.900	2.660	4.220	5.470	8.050	0	7	53.85%
C123SR84	FLDCOND.	µMHOS/CM	9	14MAY2002 - 29APR2003	14	635.357	95.971	504.000	554.000	622.500	709.000	806.000	0	0	0.00%
C123SR84	pH	UNITS	10	14MAY2002 - 29APR2003	15	7.137	0.294	6.720	6.870	7.140	7.370	7.720	0	0	0.00%
C123SR84	TURBIDITY	NTU	12	14MAY2002 - 29APR2003	14	4.226	7.409	0.785	1.140	1.675	3.280	29.100	0	1	7.14%
C123SR84	TSS	mg/L	16	14MAY2002 - 29APR2003	15	6.400	12.847	<1	<3	<3	3.800	52.400	8	0	0.00%
C123SR84	COLOR	UNITS	13	14MAY2002 - 29APR2003	14	82.143	38.977	38.000	54.000	63.500	103.000	168.000	0	0	0.00%
C123SR84	TEMP	CENT	7	14MAY2002 - 29APR2003	15	24.693	4.886	13.280	21.050	26.140	28.580	29.330	0	0	0.00%
C123SR84	ALKALINITY	mg/L	67	14MAY2002 - 29APR2003	15	199.621	31.613	155.850	168.340	192.380	234.000	250.970	0	0	0.00%
C123SR84	TN	mg N/L	80	14MAY2002 - 29APR2003	15	1.525	0.242	1.216	1.297	1.471	1.718	1.977	0	0	0.00%
C123SR84	NO _x	mg N/L	18;180	14MAY2002 - 29APR2003	15	0.065	0.070	0.004	0.014	0.039	0.084	0.275	0	0	0.00%
C123SR84	NO ₂	mg N/L	19	14MAY2002 - 29APR2003	14	0.008	0.005	<0.004	<0.004	0.006	0.010	0.021	6	0	0.00%
C123SR84	NO ₃	mg N/L	78	14MAY2002 - 29APR2003	14	0.058	0.069	0.004	0.014	0.036	0.061	0.265	0	0	0.00%
C123SR84	NH ₄	mg N/L	20	14MAY2002 - 29APR2003	15	0.054	0.050	0.014	0.023	0.038	0.073	0.211	0	0	0.00%
C123SR84	UN-IONIZED AMMONIA	mg/L	NONE	14MAY2002 - 29APR2003	15	0.0007	0.0006	0.0001	0.0001	0.0004	0.0012	0.0019	0	0	0.00%
C123SR84	NNH ₄	mg N/L	92	14MAY2002 - 29APR2003	15	0.120	0.082	0.020	0.070	0.098	0.149	0.298	0	0	0.00%
C123SR84	ORGN	mg N/L	79	14MAY2002 - 29APR2003	15	1.405	0.215	1.077	1.200	1.387	1.600	1.790	0	0	0.00%
C123SR84	TKN	mg N/L	21	14MAY2002 - 29APR2003	15	1.459	0.245	1.100	1.230	1.460	1.680	1.890	0	0	0.00%
C123SR84	OPO ₄	mg P/L	23	14MAY2002 - 29APR2003	14	0.017	0.016	0.004	0.006	0.010	0.025	0.051	0	0	0.00%
C123SR84	TP	mg P/L	25	14MAY2002 - 29APR2003	15	0.040	0.029	0.010	0.013	0.033	0.057	0.109	0	0	0.00%
C123SR84	DIS. K	mg/L	29	09JUL2002 - 29APR2003	4	4.275	0.655	3.629	3.774	4.173	4.775	5.124	0	0	0.00%
C123SR84	DIS. NA	mg/L	28	09JUL2002 - 29APR2003	4	36.550	8.922	28.153	28.911	36.197	44.188	45.652	0	0	0.00%
C123SR84	TOT. CL	mg/L	32	14MAY2002 - 29APR2003	15	62.173	13.524	39.290	48.910	63.360	74.910	81.090	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
C123SR84	TOT. SO ₄	mg/L	33	09JUL2002 - 29APR2003	4	18.163	13.222	3.260	8.640	17.250	27.685	34.890	0	0	0.00%
C123SR84	DIS. SILICA	mg/L	27	09JUL2002 - 29APR2003	4	6.596	3.091	2.034	4.796	7.743	8.397	8.865	0	0	0.00%
G94B	DO	mg/L	8	06MAY2002 - 08APR2003	12	3.573	1.632	1.610	2.330	3.250	4.430	6.500	0	10	83.33%
G94B	FLDCOND.	µMHOS/CM	9	06MAY2002 - 08APR2003	12	687.792	210.463	371.000	473.150	729.000	792.600	1048.000	0	0	0.00%
G94B	pH	UNITS	10	06MAY2002 - 08APR2003	12	7.365	0.195	7.000	7.225	7.365	7.555	7.660	0	0	0.00%
G94B	TURBIDITY	NTU	12	06MAY2002 - 08APR2003	11	2.229	0.931	0.800	1.410	2.280	2.880	4.050	0	0	0.00%
G94B	TSS	mg/L	16	06MAY2002 - 08APR2003	11	4.009	1.745	<3	<3	<3	4.000	8.600	6	0	0.00%
G94B	COLOR	UNITS	13	06MAY2002 - 08APR2003	12	90.750	22.046	67.000	76.000	83.500	104.500	140.000	0	0	0.00%
G94B	HARDNESS	mg/L CaCO ₃	35	17JUL2002 - 08APR2003	4	181.975	47.848	126.400	142.050	189.250	221.900	223.000	0	0	0.00%
G94B	TEMP	CENT	7	06MAY2002 - 08APR2003	12	25.424	4.609	16.740	21.760	26.315	29.405	30.170	0	0	0.00%
G94B	ALKALINITY	mg/L	67	06MAY2002 - 08APR2003	12	158.890	35.877	88.460	140.695	165.785	177.125	227.050	0	0	0.00%
G94B	TN	mg N/L	80	06MAY2002 - 08APR2003	12	1.697	0.370	1.261	1.427	1.552	1.955	2.450	0	0	0.00%
G94B	NO _x	mg N/L	18;180	06MAY2002 - 08APR2003	12	0.032	0.062	<0.004	<0.004	0.004	0.031	0.220	6	0	0.00%
G94B	NO ₂	mg N/L	19	06MAY2002 - 08APR2003	12	0.008	0.012	<0.004	<0.004	<0.004	0.004	0.045	8	0	0.00%
G94B	NO ₃	mg N/L	78	06MAY2002 - 08APR2003	12	0.027	0.049	<0.004	<0.004	0.002	0.028	0.175	6	0	0.00%
G94B	NH ₄	mg N/L	20	06MAY2002 - 08APR2003	12	0.021	0.014	<0.009	<0.009	0.015	0.032	0.046	4	0	0.00%
G94B	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2002 - 08APR2003	12	0.0004	0.0003	0.0001	0.0001	0.0003	0.0004	0.0013	0	0	0.00%
G94B	NNH ₄	mg N/L	92	06MAY2002 - 08APR2003	12	0.050	0.066	<0.009	0.000	0.024	0.070	0.239	3	0	0.00%
G94B	ORGN	mg N/L	79	06MAY2002 - 08APR2003	12	1.650	0.379	1.204	1.386	1.516	1.905	2.450	0	0	0.00%
G94B	TKN	mg N/L	21	06MAY2002 - 08APR2003	12	1.668	0.372	1.250	1.405	1.525	1.910	2.450	0	0	0.00%
G94B	OPO ₄	mg P/L	23	06MAY2002 - 08APR2003	12	0.013	0.016	0.004	0.006	0.008	0.014	0.062	0	0	0.00%
G94B	TP	mg P/L	25	06MAY2002 - 08APR2003	12	0.049	0.032	0.026	0.028	0.047	0.051	0.143	0	0	0.00%
G94B	DIS. CA	mg/L	30	17JUL2002 - 08APR2003	4	49.918	11.217	35.079	41.237	52.842	58.600	58.911	0	0	0.00%
G94B	DIS. K	mg/L	29	17JUL2002 - 08APR2003	4	5.627	1.746	3.362	4.252	6.061	7.002	7.023	0	0	0.00%
G94B	DIS. MG	mg/L	31	17JUL2002 - 08APR2003	4	13.926	5.124	9.429	9.490	13.912	18.363	18.452	0	0	0.00%
G94B	DIS. NA	mg/L	28	17JUL2002 - 08APR2003	4	54.971	18.672	36.130	39.746	53.378	70.197	76.999	0	0	0.00%
G94B	TOT. CL	mg/L	32	06MAY2002 - 08APR2003	12	94.092	32.707	48.890	61.130	99.225	110.325	162.080	0	0	0.00%
G94B	TOT. SO ₄	mg/L	33	17JUL2002 - 08APR2003	4	30.558	15.263	11.300	18.525	32.785	42.590	45.360	0	0	0.00%
G94B	DIS. SILICA	mg/L	27	17JUL2002 - 08APR2003	4	11.041	4.461	4.848	8.187	11.934	13.895	15.448	0	0	0.00%
G94B	TOT. FE	mg/L	177	17JUL2002 - 08APR2003	4	0.112	0.138	0.018	0.035	0.057	0.189	0.317	0	0	0.00%
S31	DO	mg/L	8	21MAY2002 - 13AUG2002	4	1.903	1.041	1.030	1.165	1.610	2.640	3.360	0	4	100.00%
S31	FLDCOND.	µMHOS/CM	9	21MAY2002 - 13AUG2002	4	786.750	90.079	666.000	726.000	799.500	847.500	882.000	0	0	0.00%
S31	pH	UNITS	10	21MAY2002 - 13AUG2002	4	7.358	0.085	7.230	7.310	7.395	7.405	7.410	0	0	0.00%
S31	TURBIDITY	NTU	12	21MAY2002 - 13AUG2002	4	1.665	0.688	1.020	1.095	1.585	2.235	2.470	0	0	0.00%
S31	TSS	mg/L	16	21MAY2002 - 13AUG2002	4	1.900	0.739	<1	0.300	2.000	2.500	2.600	1	0	0.00%
S31	COLOR	UNITS	13	21MAY2002 - 13AUG2002	4	70.250	26.663	45.000	47.500	69.000	93.000	98.000	0	0	0.00%
S31	TEMP	CENT	7	21MAY2002 - 13AUG2002	4	27.923	2.183	25.250	26.315	27.995	29.530	30.450	0	0	0.00%
S31	ALKALINITY	mg/L	67	21MAY2002 - 13AUG2002	4	237.733	29.362	215.490	219.990	227.300	255.475	280.840	0	0	0.00%
S31	TN	mg N/L	80	21MAY2002 - 13AUG2002	4	1.471	0.250	1.141	1.312	1.497	1.630	1.748	0	0	0.00%
S31	NO _x	mg N/L	18;180	21MAY2002 - 13AUG2002	4	0.053	0.051	0.012	0.022	0.036	0.085	0.128	0	0	0.00%
S31	NO ₂	mg N/L	19	21MAY2002 - 13AUG2002	4	0.009	0.007	0.004	0.006	0.007	0.013	0.019	0	0	0.00%
S31	NO ₃	mg N/L	78	21MAY2002 - 13AUG2002	4	0.044	0.045	0.005	0.016	0.031	0.072	0.109	0	0	0.00%
S31	NH ₄	mg N/L	20	21MAY2002 - 13AUG2002	4	0.146	0.067	0.090	0.093	0.130	0.198	0.233	0	0	0.00%
S31	UN-IONIZED AMMONIA	mg/L	NONE	21MAY2002 - 13AUG2002	4	0.0028	0.0014	0.0019	0.0020	0.0022	0.0036	0.0049	0	0	0.00%
S31	NNH ₄	mg N/L	92	21MAY2002 - 13AUG2002	4	0.199	0.116	0.108	0.115	0.163	0.283	0.361	0	0	0.00%
S31	ORGN	mg N/L	79	21MAY2002 - 13AUG2002	4	1.272	0.223	0.937	1.156	1.381	1.389	1.390	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
S31	TKN	mg N/L	21	21MAY2002 - 13AUG2002	4	1.418	0.222	1.100	1.285	1.475	1.550	1.620	0	0	0.00%
S31	OPO ₄	mg P/L	23	21MAY2002 - 13AUG2002	4	0.005	0.001	<0.004	0.001	0.005	0.006	0.007	1	0	0.00%
S31	TP	mg P/L	25	21MAY2002 - 13AUG2002	4	0.023	0.017	0.012	0.013	0.016	0.033	0.049	0	0	0.00%
S31	DIS. K	mg/L	29	30JUL2002 - 30JUL2002	1	5.274		5.274	5.274	5.274	5.274	5.274	0	0	0.00%
S31	DIS. NA	mg/L	28	30JUL2002 - 30JUL2002	1	66.658		66.658	66.658	66.658	66.658	66.658	0	0	0.00%
S31	TOT. CL	mg/L	32	21MAY2002 - 13AUG2002	4	82.643	17.870	57.700	70.295	86.975	94.990	98.920	0	0	0.00%
S31	TOT. SO ₄	mg/L	33	30JUL2002 - 30JUL2002	1	31.850		31.850	31.850	31.850	31.850	31.850	0	0	0.00%
S31	DIS. SILICA	mg/L	27	30JUL2002 - 30JUL2002	1	16.645		16.645	16.645	16.645	16.645	16.645	0	0	0.00%
S38	DO	mg/L	8	24JUN2002 - 14APR2003	7	4.183	3.216	1.160	1.630	3.040	6.590	10.310	0	5	71.43%
S38	FLDCOND.	µMHOS/CM	9	29MAY2002 - 14APR2003	9	757.111	244.857	431.000	540.000	772.000	914.000	1083.000	0	0	0.00%
S38	pH	UNITS	10	29MAY2002 - 14APR2003	9	7.342	0.322	6.870	7.140	7.390	7.580	7.730	0	0	0.00%
S38	TURBIDITY	NTU	12	29MAY2002 - 14APR2003	9	1.128	0.556	0.559	0.665	1.140	1.420	2.060	0	0	0.00%
S38	TSS	mg/L	16	29MAY2002 - 14APR2003	9	2.378	0.940	<1	<3	<3	<3	3.000	7	0	0.00%
S38	COLOR	UNITS	13	29MAY2002 - 14APR2003	9	88.000	17.550	60.000	80.000	83.000	103.000	108.000	0	0	0.00%
S38	HARDNESS	mg/L CaCO ₃	35	28OCT2002 - 28OCT2002	1	155.200		155.200	155.200	155.200	155.200	155.200	0	0	0.00%
S38	TEMP	CENT	7	29MAY2002 - 14APR2003	9	26.524	2.665	23.140	23.860	26.520	28.280	30.950	0	0	0.00%
S38	ALKALINITY	mg/L	67	29MAY2002 - 14APR2003	9	175.848	56.022	114.100	137.730	160.170	186.660	285.760	0	0	0.00%
S38	TN	mg N/L	80	29MAY2002 - 14APR2003	9	1.666	0.484	1.090	1.380	1.483	2.061	2.493	0	0	0.00%
S38	NO _x	mg N/L	18;180	29MAY2002 - 14APR2003	9	0.063	0.136	<0.004	<0.004	0.005	0.048	0.423	3	0	0.00%
S38	NO ₂	mg N/L	19	29MAY2002 - 14APR2003	9	0.006	0.004	<0.004	<0.004	<0.004	0.007	0.016	6	0	0.00%
S38	NO ₃	mg N/L	78	29MAY2002 - 14APR2003	9	0.059667	0.13127	<0.004	<0.004	0.005	0.041	0.407	3	0	0.00%
S38	NH ₄	mg N/L	20	29MAY2002 - 14APR2003	9	0.037	0.043	<0.009	0.009	0.020	0.043	0.138	2	0	0.00%
S38	UN-IONIZED AMMONIA	mg/L	NONE	29MAY2002 - 14APR2003	9	0.0008	0.0010	0.0001	0.0002	0.0003	0.0012	0.0030	0	0	0.00%
S38	NNH ₄	mg N/L	92	29MAY2002 - 14APR2003	9	0.097	0.142	<0.009	0.011	0.020	0.121	0.445	1	0	0.00%
S38	ORGN	mg N/L	79	29MAY2002 - 14APR2003	9	1.570	0.395	1.090	1.322	1.411	1.940	2.099	0	0	0.00%
S38	TKN	mg N/L	21	29MAY2002 - 14APR2003	9	1.604	0.401	1.090	1.380	1.460	2.010	2.110	0	0	0.00%
S38	OPO ₄	mg P/L	23	29MAY2002 - 14APR2003	8	0.008	0.004	0.005	0.006	0.006	0.008	0.016	0	0	0.00%
S38	TP	mg P/L	25	29MAY2002 - 14APR2003	8	0.021	0.011	0.009	0.014	0.016	0.031	0.038	0	0	0.00%
S38	DIS. CA	mg/L	30	28OCT2002 - 28OCT2002	1	43.338		43.338	43.338	43.338	43.338	43.338	0	0	0.00%
S38	DIS. K	mg/L	29	22JUL2002 - 14APR2003	3	6.191	1.777	4.436	4.436	6.148	7.989	7.989	0	0	0.00%
S38	DIS. MG	mg/L	31	28OCT2002 - 28OCT2002	1	11.423		11.423	11.423	11.423	11.423	11.423	0	0	0.00%
S38	DIS. NA	mg/L	28	22JUL2002 - 14APR2003	3	70.528	39.912	41.950	41.950	53.506	116.129	116.129	0	0	0.00%
S38	TOT. CL	mg/L	32	29MAY2002 - 14APR2003	9	104.647	45.334	47.850	68.590	105.110	146.840	167.900	0	0	0.00%
S38	TOT. SO ₄	mg/L	33	22JUL2002 - 14APR2003	3	26.947	12.758	14.020	14.020	27.290	39.530	39.530	0	0	0.00%
S38	DIS. SILICA	mg/L	27	22JUL2002 - 14APR2003	3	12.521	2.936	9.408	9.408	12.917	15.239	15.239	0	0	0.00%
S39	DO	mg/L	8	06MAY2002 - 29APR2003	20	6.1685	1.92747	2.49	4.83	6.385	7.48	9.11	0	6	30.00%
S39	FLDCOND.	µMHOS/CM	9	06MAY2002 - 29APR2003	20	711.295	219.037	160.000	652.500	737.000	874.450	971.000	0	0	0.00%
S39	pH	UNITS	10	06MAY2002 - 29APR2003	20	7.706	0.275	7.160	7.595	7.740	7.870	8.100	0	0	0.00%
S39	TURBIDITY	NTU	12	06MAY2002 - 24APR2003	19	1.703	0.861	0.742	1.150	1.570	2.050	4.340	0	0	0.00%
S39	TSS	mg/L	16	06MAY2002 - 24APR2003	19	2.758	1.019	<3	<3	<3	1.400	5.800	12	0	0.00%
S39	COLOR	UNITS	13	06MAY2002 - 24APR2003	18	74.722	23.479	43.000	60.000	68.000	88.000	129.000	0	0	0.00%
S39	HARDNESS	mg/L CaCO ₃	35	17JUL2002 - 08APR2003	4	200.250	60.873	112.800	159.500	219.850	241.000	248.500	0	0	0.00%
S39	TEMP	CENT	7	06MAY2002 - 29APR2003	20	25.389	4.975	15.390	21.260	26.495	29.805	30.670	0	0	0.00%
S39	ALKALINITY	mg/L	67	06MAY2002 - 24APR2003	19	161.012	41.835	67.680	151.430	168.810	186.140	215.240	0	0	0.00%
S39	TN	mg N/L	80	06MAY2002 - 29APR2003	19	1.436	0.332	<0.5	1.278	1.476	1.713	2.011	1	0	0.00%
S39	NO _x	mg N/L	18;180	06MAY2002 - 29APR2003	19	0.034	0.057	<0.004	0.006	0.013	0.027	0.193	3	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	NO ₂	mg N/L	19	06MAY2002 - 24APR2003	18	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.012	11	0	0.00%
S39	NO ₃	mg N/L	78	06MAY2002 - 08APR2003	17	0.034	0.059	<0.004	0.005	0.007	0.023	0.193	3	0	0.00%
S39	NH ₄	mg N/L	20	06MAY2002 - 29APR2003	19	0.021	0.036	<0.009	<0.009	0.012	0.018	0.167	6	0	0.00%
S39	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2002 - 29APR2003	19	0.0006	0.0006	0.0001	0.0003	0.0005	0.0008	0.0029	0	0	0.00%
S39	NNH ₄	mg N/L	92	06MAY2002 - 29APR2003	19	0.052	0.073	<0.009	0.012	0.029	0.039	0.245	2	0	0.00%
S39	ORGN	mg N/L	79	06MAY2002 - 29APR2003	18	1.436	0.231	1.082	1.290	1.394	1.538	1.980	0	0	0.00%
S39	TKN	mg N/L	21	06MAY2002 - 29APR2003	18	1.453	0.241	1.100	1.290	1.410	1.550	2.000	0	0	0.00%
S39	OPO ₄	mg P/L	23	06MAY2002 - 24APR2003	19	0.013	0.013	<0.004	0.005	0.009	0.012	0.050	2	0	0.00%
S39	TP	mg P/L	25	06MAY2002 - 29APR2003	18	0.031	0.015	0.012	0.021	0.029	0.034	0.074	0	0	0.00%
S39	DIS. CA	mg/L	30	17JUL2002 - 08APR2003	4	53.145	12.043	36.673	44.368	55.955	61.921	63.995	0	0	0.00%
S39	DIS. K	mg/L	29	17JUL2002 - 08APR2003	4	6.733	1.987	3.927	5.508	7.201	7.959	8.605	0	0	0.00%
S39	DIS. MG	mg/L	31	17JUL2002 - 08APR2003	4	16.409	7.603	5.162	11.832	19.464	20.986	21.546	0	0	0.00%
S39	DIS. NA	mg/L	28	17JUL2002 - 08APR2003	4	62.023	28.941	20.729	43.982	69.626	80.064	88.111	0	0	0.00%
S39	TOT. CL	mg/L	32	06MAY2002 - 24APR2003	19	99.221	33.879	24.390	85.800	105.770	125.640	136.160	0	0	0.00%
S39	TOT. SO ₄	mg/L	33	17JUL2002 - 08APR2003	4	41.925	18.447	15.280	29.590	48.495	54.260	55.430	0	0	0.00%
S39	DIS. SILICA	mg/L	27	17JUL2002 - 08APR2003	4	12.315	3.974	6.858	9.534	13.140	15.096	16.123	0	0	0.00%
S39	TOT. FE	mg/L	177	08APR2003 - 08APR2003	1	0.013		0.013	0.013	0.013	0.013	0.013	0	0	0.00%
S334	DO	mg/L	8	20MAY2002 - 07APR2003	15	3.895	2.234	0.630	1.250	4.150	5.390	7.600	0	10	66.67%
S334	FLDCOND.	µMHOS/CM	9	20MAY2002 - 07APR2003	16	519.938	60.258	382.000	474.000	533.700	555.000	620.000	0	0	0.00%
S334	pH	UNITS	10	20MAY2002 - 07APR2003	16	7.519	0.250	7.100	7.330	7.475	7.725	8.020	0	0	0.00%
S334	TURBIDITY	NTU	12	20MAY2002 - 07APR2003	16	2.602	3.336	0.771	1.075	1.370	2.120	13.000	0	0	0.00%
S334	TSS	mg/L	16	20MAY2002 - 07APR2003	16	3.625	3.063	<3	<3	<3	0.500	13.800	12	0	0.00%
S334	COLOR	UNITS	13	20MAY2002 - 07APR2003	16	47.500	10.564	31.000	40.500	47.500	53.500	67.000	0	0	0.00%
S334	HARDNESS	mg/L CaCO ₃	35	29JUL2002 - 07APR2003	4	201.400	22.062	173.100	184.850	203.950	217.950	224.600	0	0	0.00%
S334	TEMP	CENT	7	20MAY2002 - 07APR2003	16	25.906	4.182	14.850	22.480	27.625	28.815	30.180	0	0	0.00%
S334	ALKALINITY	mg/L	67	20MAY2002 - 07APR2003	16	184.085	22.078	143.660	171.720	181.110	199.995	226.050	0	0	0.00%
S334	TN	mg N/L	80	20MAY2002 - 07APR2003	16	1.195	0.118	1.010	1.119	1.176	1.239	1.482	0	0	0.00%
S334	NO _x	mg N/L	18;180	20MAY2002 - 07APR2003	15	0.038	0.025	0.011	0.016	0.035	0.060	0.081	0	0	0.00%
S334	NO ₂	mg N/L	19	20MAY2002 - 07APR2003	16	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	11	0	0.00%
S334	NO ₃	mg N/L	78	20MAY2002 - 07APR2003	15	0.037	0.024	0.011	0.012	0.035	0.056	0.076	0	0	0.00%
S334	NH ₄	mg N/L	20	20MAY2002 - 07APR2003	16	0.141	0.158	0.010	0.029	0.072	0.203	0.619	0	0	0.00%
S334	UN-IONIZED AMMONIA	mg/L	NONE	20MAY2002 - 07APR2003	16	0.0032	0.0031	0.0003	0.0007	0.0021	0.0050	0.0105	0	0	0.00%
S334	NNH ₄	mg N/L	92	20MAY2002 - 07APR2003	15	0.167	0.151	0.030	0.078	0.114	0.209	0.631	0	0	0.00%
S334	ORGN	mg N/L	79	20MAY2002 - 07APR2003	16	1.018	0.130	0.688	0.986	1.029	1.084	1.257	0	0	0.00%
S334	TKN	mg N/L	21	20MAY2002 - 07APR2003	16	1.159	0.115	1.010	1.085	1.160	1.210	1.470	0	0	0.00%
S334	OPO ₄	mg P/L	23	20MAY2002 - 07APR2003	16	0.004	0.001	<0.004	<0.004	0.000	0.004	0.007	8	0	0.00%
S334	TP	mg P/L	25	20MAY2002 - 07APR2003	16	0.013	0.003	0.010	0.011	0.013	0.014	0.023	0	0	0.00%
S334	DIS. CA	mg/L	30	29JUL2002 - 07APR2003	4	65.403	10.414	56.435	57.504	62.908	73.303	79.363	0	0	0.00%
S334	DIS. K	mg/L	29	29JUL2002 - 07APR2003	4	2.753	1.081	1.568	1.897	2.706	3.609	4.032	0	0	0.00%
S334	DIS. MG	mg/L	31	29JUL2002 - 07APR2003	4	9.252	2.617	6.432	7.121	9.175	11.384	12.227	0	0	0.00%
S334	DIS. NA	mg/L	28	29JUL2002 - 07APR2003	4	33.200	9.081	24.255	26.231	31.808	40.169	44.928	0	0	0.00%
S334	TOT. CL	mg/L	32	20MAY2002 - 07APR2003	16	48.59	17.8169	0.18	39.82	50.81	59.32	79.32	0	0	0.00%
S334	TOT. SO ₄	mg/L	33	29JUL2002 - 07APR2003	4	5.345	6.230	<0.1	<0.1	4.350	10.590	12.380	2	0	0.00%
S334	DIS. SILICA	mg/L	27	29JUL2002 - 07APR2003	4	8.960	2.236	7.103	7.346	8.335	10.574	12.068	0	0	0.00%
S334	TOT. MTHY HG	ng/L	203	16JUL2002 - 16APR2003	4	0.125	0.025	0.098	0.104	0.125	0.145	0.150	0	0	0.00%
US41-25	DO	mg/L	8	06MAY2002 - 21APR2003	25	2.759	0.981	0.210	2.380	2.890	3.160	5.520	0	24	96.00%

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	FLDCOND.	µMHOS/CM	9	06MAY2002 - 21APR2003	25	353.840	94.512	218.000	236.800	382.000	436.000	482.000	0	0	0.00%
US41-25	pH	UNITS	10	06MAY2002 - 21APR2003	25	7.200	0.132	6.950	7.140	7.210	7.250	7.500	0	0	0.00%
US41-25	TURBIDITY	NTU	12	20MAY2002 - 21APR2003	20	1.303	1.059	0.444	0.531	0.712	1.840	3.810	0	0	0.00%
US41-25	TSS	mg/L	16	20MAY2002 - 21APR2003	20	2.575	1.163	<1	<3	<3	<3	4.800	16	0	0.00%
US41-25	COLOR	UNITS	13	20MAY2002 - 21APR2003	20	26.000	7.581	19.000	22.000	25.000	27.500	55.000	0	0	0.00%
US41-25	HARDNESS	mg/L CaCO ₃	35	20MAY2002 - 21APR2003	20	155.900	41.829	103.200	114.800	153.600	198.150	214.100	0	0	0.00%
US41-25	TEMP	CENT	7	06MAY2002 - 21APR2003	26	25.357	4.265	16.030	21.670	26.430	28.860	30.480	0	0	0.00%
US41-25	ALKALINITY	mg/L	67	20MAY2002 - 21APR2003	20	149.075	41.867	101.540	110.975	141.745	200.360	207.560	0	0	0.00%
US41-25	TN	mg N/L	80	20MAY2002 - 21APR2003	20	0.803	0.158	0.616	0.724	0.758	0.822	1.284	0	0	0.00%
US41-25	NO _x	mg N/L	18;180	20MAY2002 - 21APR2003	18	0.028	0.025	0.006	0.007	0.024	0.041	0.104	0	0	0.00%
US41-25	NO ₂	mg N/L	19	20MAY2002 - 21APR2003	20	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.009	18	0	0.00%
US41-25	NO ₃	mg N/L	78	20MAY2002 - 21APR2003	18	0.027	0.023	0.006	0.007	0.024	0.040	0.095	0	0	0.00%
US41-25	NH ₄	mg N/L	20	20MAY2002 - 21APR2003	20	0.069	0.064	0.012	0.019	0.054	0.095	0.279	0	0	0.00%
US41-25	UN-IONIZED AMMONIA	mg/L	NONE	06MAY2002 - 21APR2003	19	0.0008	0.0010	0.0002	0.0003	0.0005	0.0007	0.0035	0	0	0.00%
US41-25	NNH ₄	mg N/L	92	20MAY2002 - 21APR2003	18	0.097	0.092	0.019	0.026	0.075	0.140	0.383	0	0	0.00%
US41-25	ORGN	mg N/L	79	20MAY2002 - 21APR2003	20	0.709	0.096	0.572	0.632	0.689	0.762	0.919	0	0	0.00%
US41-25	TKN	mg N/L	21	20MAY2002 - 21APR2003	20	0.778	0.137	0.610	0.710	0.735	0.800	1.180	0	0	0.00%
US41-25	OPO ₄	mg P/L	23	20MAY2002 - 21APR2003	20	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	19	0	0.00%
US41-25	ALKALINE PHOS	nM/minml	168	20MAY2002 - 21APR2003	16	8.988	7.436	1.600	2.750	5.450	15.450	20.900	0	0	0.00%
US41-25	TP	mg P/L	25	06MAY2002 - 21APR2003	26	0.019	0.014	0.007	0.009	0.012	0.028	0.053	0	0	0.00%
US41-25	DIS. CA	mg/L	30	20MAY2002 - 21APR2003	20	58.471	15.456	38.980	43.279	57.502	73.819	80.353	0	0	0.00%
US41-25	DIS. K	mg/L	29	20MAY2002 - 21APR2003	20	0.559	0.168	0.303	0.414	0.538	0.686	0.837	0	0	0.00%
US41-25	DIS. MG	mg/L	31	20MAY2002 - 21APR2003	20	2.406	0.794	1.402	1.638	2.443	3.274	3.493	0	0	0.00%
US41-25	DIS. NA	mg/L	28	20MAY2002 - 21APR2003	20	9.052	4.044	4.127	4.855	9.044	12.739	14.866	0	0	0.00%
US41-25	TOT. CL	mg/L	32	20MAY2002 - 21APR2003	20	13.261	5.342	6.430	7.630	13.695	17.720	21.430	0	0	0.00%
US41-25	TOT. SO ₄	mg/L	33	01JUL2002 - 21APR2003	5	0.174	0.165	<0.1	<0.1	<0.1	<0.1	0.470	4	0	0.00%
US41-25	DIS. SILICA	mg/L	27	01JUL2002 - 21APR2003	5	4.512	2.432	1.646	2.096	5.974	6.120	6.723	0	0	0.00%
US41-25	CAROTENOID	mg/m ³	63	20MAY2002 - 21APR2003	20	2.195	2.537	<1	<1	<1	2.500	11.300	12	0	0.00%
US41-25	CHLA	mg/m ³	61	20MAY2002 - 21APR2003	20	5.545	7.857	<1	1.900	2.100	6.150	34.200	1	0	0.00%
US41-25	CHLA2	mg/m ³	112	20MAY2002 - 21APR2003	20	4.310	5.811	<1	1.650	2.000	4.400	26.000	1	0	0.00%
US41-25	CHLB	mg/m ³	62	20MAY2002 - 21APR2003	20	1.025	0.1118	<1	<1	<1	<1	1.5	18	0	0.00%
US41-25	CHLC	mg/m ³	113	20MAY2002 - 21APR2003	20	1.015	0.049	<1	<1	<1	<1	1.200	18	0	0.00%
US41-25	PHEOPHYTIN A	mg/m ³	64	20MAY2002 - 21APR2003	20	2.385	2.840	<1	<1	<1	2.700	12.000	14	0	0.00%
S344	DO	mg/L	8	18JUL2002 - 22APR2003	4	3.340	1.339	2.140	2.270	3.095	4.410	5.030	0	3	75.00%
S344	FLDCOND.	µMHOS/CM	9	18JUL2002 - 22APR2003	4	259.000	65.990	191.000	210.000	250.000	308.000	345.000	0	0	0.00%
S344	pH	UNITS	10	18JUL2002 - 22APR2003	4	7.255	0.117	7.110	7.160	7.280	7.350	7.350	0	0	0.00%
S344	TURBIDITY	NTU	12	18JUL2002 - 22APR2003	4	1.365	1.671	0.455	0.502	0.567	2.228	3.870	0	0	0.00%
S344	TSS	mg/L	16	18JUL2002 - 22APR2003	4	3.700	2.735	<0.9	<3	<3	4.400	7.600	2	0	0.00%
S344	COLOR	UNITS	13	18JUL2002 - 22APR2003	4	36.500	15.674	24.000	26.000	31.500	47.000	59.000	0	0	0.00%
S344	HARDNESS	mg/L CaCO ₃	35	18JUL2002 - 22APR2003	4	118.700	28.092	88.000	96.950	116.900	140.450	153.000	0	0	0.00%
S344	TEMP	CENT	7	18JUL2002 - 22APR2003	4	25.630	5.806	18.060	22.020	26.125	29.240	32.210	0	0	0.00%
S344	ALKALINITY	mg/L	67	18JUL2002 - 22APR2003	4	110.425	24.916	82.830	92.065	108.490	128.785	141.890	0	0	0.00%
S344	TOTAL DEPTH	METERS	99	18JUL2002 - 18JUL2002	1	11.000		11.000	11.000	11.000	11.000	11.000	0	0	0.00%
S344	TN	mg N/L	80	18JUL2002 - 22APR2003	4	0.977	0.324	0.783	0.792	0.833	1.163	1.460	0	0	0.00%
S344	NO _x	mg N/L	18;180	18JUL2002 - 22APR2003	4	0.011	0.005	<0.004	0.003	0.012	0.014	0.015	1	0	0.00%
S344	NO ₂	mg N/L	19	18JUL2002 - 22APR2003	4	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	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
S344	NO ₃	mg N/L	78	18JUL2002 - 22APR2003	4	0.011	0.005	<0.004	0.003	0.012	0.014	0.015	1	0	0.00%
S344	NH ₄	mg N/L	20	18JUL2002 - 22APR2003	4	0.018	0.006	0.009	0.015	0.020	0.021	0.022	0	0	0.00%
S344	UN-IONIZED AMMONIA	mg/L	NONE	18JUL2002 - 22APR2003	4	0.0002	0.0001	0.0001	0.0002	0.0002	0.0003	0.0003	0	0	0.00%
S344	NNH ₄	mg N/L	92	18JUL2002 - 22APR2003	4	0.027	0.012	0.009	0.021	0.033	0.034	0.035	0	0	0.00%
S344	ORGN	mg N/L	79	18JUL2002 - 22APR2003	4	0.950	0.336	0.750	0.759	0.799	1.141	1.451	0	0	0.00%
S344	TKN	mg N/L	21	18JUL2002 - 22APR2003	4	0.968	0.330	0.770	0.780	0.820	1.155	1.460	0	0	0.00%
S344	OPO ₄	mg P/L	23	18JUL2002 - 22APR2003	4	0.004	0.000	<0.004	<0.004	<0.004	0.000	0.004	3	0	0.00%
S344	TP	mg P/L	25	18JUL2002 - 22APR2003	4	0.025	0.026	0.009	0.011	0.014	0.039	0.063	0	0	0.00%
S344	DIS. CA	mg/L	30	18JUL2002 - 22APR2003	4	43.8035	10.2412	32.596	35.8755	43.1595	51.732	56.299	0	0	0.00%
S344	DIS. K	mg/L	29	18JUL2002 - 22APR2003	4	0.411	0.140	0.305	0.323	0.362	0.499	0.616	0	0	0.00%
S344	DIS. MG	mg/L	31	18JUL2002 - 22APR2003	4	2.267	0.607	1.611	1.795	2.224	2.739	3.009	0	0	0.00%
S344	DIS. NA	mg/L	28	18JUL2002 - 22APR2003	4	8.550	3.782	4.530	5.514	8.325	11.586	13.020	0	0	0.00%
S344	TOT. CL	mg/L	32	18JUL2002 - 22APR2003	4	14.103	7.107	6.810	8.435	13.425	19.770	22.750	0	0	0.00%
S344	TOT. SO ₄	mg/L	33	18JUL2002 - 22APR2003	4	0.178	0.155	<0.1	<0.1	<0.1	0.155	0.410	3	0	0.00%
S344	DIS. SILICA	mg/L	27	18JUL2002 - 22APR2003	4	2.635	2.537	0.360	0.441	2.605	4.829	4.970	0	0	0.00%
S344	TOT. FE	mg/L	177	18JUL2002 - 22APR2003	4	0.066	0.029	0.026	0.047	0.071	0.084	0.094	0	0	0.00%
S176	DO	mg/L	8	08MAY2002 - 22APR2003	14	2.068	1.661	0.300	0.590	1.560	3.570	5.530	0	13	92.86%
S176	FLDCOND.	µMHOS/CM	9	08MAY2002 - 22APR2003	14	548.786	67.260	478.000	507.000	524.000	582.000	721.000	0	0	0.00%
S176	pH	UNITS	10	08MAY2002 - 22APR2003	14	7.316	0.228	6.950	7.160	7.285	7.510	7.690	0	0	0.00%
S176	TURBIDITY	NTU	12	08MAY2002 - 22APR2003	14	2.045	1.339	0.620	1.050	1.490	2.990	5.160	0	0	0.00%
S176	TSS	mg/L	16	08MAY2002 - 22APR2003	14	2.429	0.803	<3	<3	<3	1.600	2.800	9	0	0.00%
S176	COLOR	UNITS	13	08MAY2002 - 22APR2003	14	23.500	9.843	12.000	14.000	21.500	33.000	41.000	0	0	0.00%
S176	HARDNESS	mg/L CaCO ₃	35	08MAY2002 - 22APR2003	16	221.363	20.905	195.800	208.800	221.650	224.850	282.700	0	0	0.00%
S176	TEMP	CENT	7	08MAY2002 - 22APR2003	14	25.447	2.048	21.340	23.590	26.090	26.900	28.290	0	0	0.00%
S176	ALKALINITY	mg/L	67	08MAY2002 - 22APR2003	14	214.476	23.791	184.560	201.930	211.130	219.450	278.380	0	0	0.00%
S176	TN	mg N/L	80	08MAY2002 - 22APR2003	14	0.852	0.239	0.642	0.670	0.751	0.994	1.378	0	0	0.00%
S176	NO _x	mg N/L	18;180	08MAY2002 - 22APR2003	14	0.040	0.030	0.007	0.015	0.037	0.052	0.099	0	0	0.00%
S176	NO ₂	mg N/L	19	08MAY2002 - 22APR2003	14	0.005	0.001	<0.004	<0.004	<0.004	0.004	0.008	10	0	0.00%
S176	NO ₃	mg N/L	78	08MAY2002 - 22APR2003	14	0.039	0.029	0.007	0.015	0.035	0.052	0.099	0	0	0.00%
S176	NH ₄	mg N/L	20	08MAY2002 - 22APR2003	14	0.184	0.086	0.029	0.117	0.187	0.216	0.382	0	0	0.00%
S176	UN-IONIZED AMMONIA	mg/L	NONE	08MAY2002 - 22APR2003	14	0.0029	0.0020	0.0012	0.0013	0.0021	0.0028	0.0065	0	0	0.00%
S176	NNH ₄	mg N/L	92	08MAY2002 - 22APR2003	14	0.224643	0.08143	0.056	0.189	0.2235	0.242	0.398	0	0	0.00%
S176	ORGN	mg N/L	79	08MAY2002 - 22APR2003	14	0.627	0.204	0.441	0.460	0.523	0.808	1.041	0	0	0.00%
S176	TKN	mg N/L	21	08MAY2002 - 22APR2003	14	0.811	0.242	0.560	0.640	0.710	0.950	1.300	0	0	0.00%
S176	OPO ₄	mg P/L	23	08MAY2002 - 22APR2003	14	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	14	0	0.00%
S176	ALKALINE PHOS	nM/minml	168	08MAY2002 - 22APR2003	14	12.250	6.885	2.900	5.800	11.900	15.400	25.300	0	0	0.00%
S176	TP	mg P/L	25	08MAY2002 - 22APR2003	14	0.007	0.002	0.005	0.005	0.006	0.007	0.012	0	0	0.00%
S176	DIS. CA	mg/L	30	08MAY2002 - 22APR2003	16	77.566	6.615	66.230	72.947	78.526	81.094	92.861	0	0	0.00%
S176	DIS. K	mg/L	29	08MAY2002 - 22APR2003	14	2.383	0.313	1.794	2.181	2.362	2.565	3.009	0	0	0.00%
S176	DIS. MG	mg/L	31	08MAY2002 - 22APR2003	16	6.726	2.113	4.889	5.423	5.579	7.623	12.360	0	0	0.00%
S176	DIS. NA	mg/L	28	08MAY2002 - 22APR2003	14	27.694	6.366	22.025	23.158	24.127	33.469	41.433	0	0	0.00%
S176	TOT. CL	mg/L	32	08MAY2002 - 22APR2003	14	43.449	8.351	36.600	37.320	39.315	49.670	63.670	0	0	0.00%
S176	TOT. SO ₄	mg/L	33	02JUL2002 - 22APR2003	4	2.008	0.464	1.490	1.630	2.010	2.385	2.520	0	0	0.00%
S176	DIS. SILICA	mg/L	27	02JUL2002 - 22APR2003	4	5.771	0.463	5.356	5.381	5.718	6.161	6.292	0	0	0.00%
S176	TOT. FE	mg/L	177	02JUL2002 - 22APR2003	4	0.275	0.179	0.109	0.128	0.253	0.423	0.487	0	0	0.00%
S176	TOT. CD	µg/L	103	15JUL2002 - 13JAN2003	2	0.347	0.066	<0.3	<0.3	0.047	0.393	0.393	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
S176	TOT. CU	µg/L	104	15JUL2002 - 13JAN2003	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S176	TOT. ZN	µg/L	105	15JUL2002 - 13JAN2003	2	5.460	2.065	<4	<4	1.460	6.920	6.920	1	0	0.00%
S176	CAROTENOID	mg/m ³	63	08MAY2002 - 22APR2003	14	1.557	0.771	<1	<1	1.050	2.000	3.500	6	0	0.00%
S176	CHLA	mg/m ³	61	08MAY2002 - 22APR2003	14	2.900	2.209	<1	1.500	2.200	3.900	8.900	3	0	0.00%
S176	CHLA2	mg/m ³	112	08MAY2002 - 22APR2003	14	2.650	1.628	<1	1.500	2.050	3.500	6.600	2	0	0.00%
S176	CHLB	mg/m ³	62	08MAY2002 - 22APR2003	14	1.000	0.000	<1	<1	<1	<1	<1	14	0	0.00%
S176	CHLC	mg/m ³	113	08MAY2002 - 22APR2003	14	1.000	0.000	<1	<1	<1	<1	1.000	13	0	0.00%
S176	PHEOPHYTIN A	mg/m ³	64	08MAY2002 - 22APR2003	14	1.171	0.641	<1	<1	<1	<1	3.400	13	0	0.00%
S177	DO	mg/L	8	22MAY2002 - 22APR2003	18	2.761	2.193	0.710	0.990	1.830	3.910	7.560	0	15	83.33%
S177	FLDCOND.	µMHOS/CM	9	22MAY2002 - 22APR2003	18	506.483	44.848	464.000	477.000	494.600	506.000	636.000	0	0	0.00%
S177	pH	UNITS	10	22MAY2002 - 22APR2003	18	7.297	0.243	6.970	7.110	7.255	7.490	7.850	0	0	0.00%
S177	TURBIDITY	NTU	12	22MAY2002 - 22APR2003	17	2.048	1.383	0.473	0.884	1.520	3.270	4.530	0	0	0.00%
S177	TSS	mg/L	16	22MAY2002 - 22APR2003	17	2.200	0.967	<1	<3	<3	<3	2.800	14	0	0.00%
S177	COLOR	UNITS	13	22MAY2002 - 22APR2003	17	16.118	8.123	9.000	11.000	13.000	18.000	35.000	0	0	0.00%
S177	HARDNESS	mg/L CaCO ₃	35	22MAY2002 - 22APR2003	19	209.700	11.370	192.200	198.900	207.500	216.200	240.400	0	0	0.00%
S177	TEMP	CENT	7	22MAY2002 - 22APR2003	18	25.292	1.981	19.380	24.670	26.000	26.440	27.240	0	0	0.00%
S177	ALKALINITY	mg/L	67	22MAY2002 - 22APR2003	17	196.842	23.634	117.070	191.740	198.670	206.550	237.110	0	0	0.00%
S177	TN	mg N/L	80	22MAY2002 - 22APR2003	17	0.612	0.216	0.433	0.493	0.502	0.649	1.152	0	0	0.00%
S177	NO _x	mg N/L	18;180	22MAY2002 - 22APR2003	17	0.043	0.032	0.004	0.020	0.039	0.053	0.117	0	0	0.00%
S177	NO ₂	mg N/L	19	22MAY2002 - 22APR2003	17	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.007	11	0	0.00%
S177	NO ₃	mg N/L	78	22MAY2002 - 22APR2003	17	0.041059	0.03041	0.004	0.02	0.039	0.049	0.112	0	0	0.00%
S177	NH ₄	mg N/L	20	22MAY2002 - 22APR2003	17	0.083	0.046	<0.009	0.059	0.089	0.102	0.154	1	0	0.00%
S177	UN-IONIZED AMMONIA	mg/L	NONE	22MAY2002 - 22APR2003	17	0.0011	0.0010	0.0003	0.0008	0.0009	0.0010	0.0040	0	0	0.00%
S177	NNH ₄	mg N/L	92	22MAY2002 - 22APR2003	17	0.125	0.067	0.004	0.101	0.114	0.145	0.269	0	0	0.00%
S177	ORGN	mg N/L	79	22MAY2002 - 22APR2003	17	0.487	0.168	0.348	0.386	0.402	0.489	0.912	0	0	0.00%
S177	TKN	mg N/L	21	22MAY2002 - 22APR2003	17	0.569	0.189	0.410	0.450	0.490	0.610	1.040	0	0	0.00%
S177	OPO ₄	mg P/L	23	22MAY2002 - 22APR2003	17	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	16	0	0.00%
S177	ALKALINE PHOS	nM/minml	168	22MAY2002 - 22APR2003	17	4.794	2.598	1.900	2.900	4.500	5.700	10.900	0	0	0.00%
S177	TP	mg P/L	25	22MAY2002 - 22APR2003	18	0.006	0.003	0.003	0.004	0.004	0.005	0.016	0	0	0.00%
S177	DIS. CA	mg/L	30	22MAY2002 - 22APR2003	19	74.787	2.853	69.946	71.844	75.370	76.535	79.251	0	0	0.00%
S177	DIS. K	mg/L	29	22MAY2002 - 22APR2003	17	2.752	0.526	2.014	2.305	2.718	3.097	3.740	0	0	0.00%
S177	DIS. MG	mg/L	31	22MAY2002 - 22APR2003	19	5.577	1.711	4.270	4.607	4.815	5.394	10.334	0	0	0.00%
S177	DIS. NA	mg/L	28	22MAY2002 - 22APR2003	17	23.682	5.597	19.080	20.347	21.143	24.784	37.311	0	0	0.00%
S177	TOT. CL	mg/L	32	22MAY2002 - 22APR2003	17	38.025	8.019	31.890	32.880	34.790	40.180	59.050	0	0	0.00%
S177	TOT. SO ₄	mg/L	33	02JUL2002 - 22APR2003	4	2.875	0.406	2.520	2.635	2.760	3.115	3.460	0	0	0.00%
S177	DIS. SILICA	mg/L	27	02JUL2002 - 22APR2003	4	5.062	0.137	4.921	4.950	5.053	5.174	5.222	0	0	0.00%
S177	TOT. FE	mg/L	177	02JUL2002 - 22APR2003	4	0.157	0.105	0.039	0.074	0.157	0.241	0.276	0	0	0.00%
S177	TOT. CD	µg/L	103	15JUL2002 - 13JAN2003	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S177	TOT. CU	µg/L	104	15JUL2002 - 13JAN2003	2	1.296	0.135	<1.2	<1.2	0.096	1.391	1.391	1	0	0.00%
S177	TOT. ZN	µg/L	105	15JUL2002 - 13JAN2003	2	4.451	0.638	<4	<4	0.451	4.902	4.902	1	0	0.00%
S177	CAROTENOID	mg/m ³	63	22MAY2002 - 22APR2003	17	1.071	0.183	<1	<1	<1	<1	1.700	14	0	0.00%
S177	CHLA	mg/m ³	61	22MAY2002 - 22APR2003	17	1.371	0.628	<1	<1	<1	1.600	2.800	9	0	0.00%
S177	CHLA2	mg/m ³	112	22MAY2002 - 22APR2003	17	1.500	0.720	<1	1.000	1.200	1.500	3.200	4	0	0.00%
S177	CHLB	mg/m ³	62	22MAY2002 - 22APR2003	17	1.000	0.000	<1	<1	<1	<1	<1	17	0	0.00%
S177	CHLC	mg/m ³	113	22MAY2002 - 22APR2003	17	1.000	0.000	<1	<1	<1	<1	<1	17	0	0.00%
S177	PHEOPHYTIN A	mg/m ³	64	22MAY2002 - 22APR2003	17	1.000	0.000	<1	<1	<1	<1	<1	17	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	DO	mg/L	8	22MAY2002 - 09APR2003	16	3.072	2.365	0.530	0.795	2.425	4.290	7.600	0	13	81.25%
S178	FLDCOND.	µMHOS/CM	9	22MAY2002 - 09APR2003	16	467.456	78.251	359.000	408.000	435.500	551.500	574.000	0	0	0.00%
S178	pH	UNITS	10	22MAY2002 - 09APR2003	16	7.299	0.162	7.060	7.180	7.315	7.455	7.530	0	0	0.00%
S178	TURBIDITY	NTU	12	22MAY2002 - 09APR2003	15	1.531	2.155	0.374	0.601	0.912	1.400	9.120	0	0	0.00%
S178	TSS	mg/L	16	22MAY2002 - 09APR2003	15	3.320	2.882	<1	<3	<3	<3	13.200	12	0	0.00%
S178	COLOR	UNITS	13	22MAY2002 - 09APR2003	15	15.667	4.880	5.000	13.000	15.000	20.000	24.000	0	0	0.00%
S178	HARDNESS	mg/L CaCO ₃	35	22MAY2002 - 09APR2003	17	172.518	45.275	113.400	137.500	158.500	219.300	247.500	0	0	0.00%
S178	TEMP	CENT	7	22MAY2002 - 09APR2003	16	24.051	3.766	15.630	21.595	25.180	26.455	29.670	0	0	0.00%
S178	ALKALINITY	mg/L	67	22MAY2002 - 09APR2003	15	150.535	41.139	87.620	113.370	146.160	196.920	207.630	0	0	0.00%
S178	TN	mg N/L	80	22MAY2002 - 09APR2003	15	0.650	0.361	0.374	0.435	0.538	0.756	1.842	0	0	0.00%
S178	NO _x	mg N/L	18;180	22MAY2002 - 09APR2003	15	0.030467	0.04217	<0.004	0.011	0.018	0.025	0.175	1	0	0.00%
S178	NO ₂	mg N/L	19	22MAY2002 - 09APR2003	15	0.006	0.005	<0.004	<0.004	<0.004	0.005	0.019	11	0	0.00%
S178	NO ₃	mg N/L	78	22MAY2002 - 09APR2003	15	0.027	0.037	<0.004	0.011	0.018	0.025	0.156	1	0	0.00%
S178	NH ₄	mg N/L	20	22MAY2002 - 09APR2003	15	0.023	0.009	0.011	0.017	0.022	0.028	0.045	0	0	0.00%
S178	UN-IONIZED AMMONIA	mg/L	NONE	22MAY2002 - 09APR2003	15	0.0003	0.0002	0.0001	0.0002	0.0003	0.0005	0.0010	0	0	0.00%
S178	NNH ₄	mg N/L	92	22MAY2002 - 09APR2003	15	0.054	0.042	0.011	0.033	0.046	0.056	0.195	0	0	0.00%
S178	ORGN	mg N/L	79	22MAY2002 - 09APR2003	15	0.596	0.368	0.230	0.403	0.492	0.718	1.796	0	0	0.00%
S178	TKN	mg N/L	21	22MAY2002 - 09APR2003	15	0.619	0.368	0.250	0.420	0.520	0.740	1.810	0	0	0.00%
S178	OPO ₄	mg P/L	23	22MAY2002 - 09APR2003	15	0.006	0.005	<0.004	<0.004	0.004	0.006	0.020	5	0	0.00%
S178	ALKALINE PHOS	nM/minml	168	22MAY2002 - 09APR2003	14	4.379	8.577	<1	1.300	1.450	2.900	33.600	2	0	0.00%
S178	TP	mg P/L	25	22MAY2002 - 09APR2003	16	0.029	0.027	0.006	0.015	0.021	0.031	0.122	0	0	0.00%
S178	DIS. CA	mg/L	30	22MAY2002 - 09APR2003	17	59.289	18.475	35.253	45.427	53.538	78.550	90.428	0	0	0.00%
S178	DIS. K	mg/L	29	22MAY2002 - 09APR2003	15	14.600	3.639	11.286	11.936	13.618	16.179	24.610	0	0	0.00%
S178	DIS. MG	mg/L	31	22MAY2002 - 09APR2003	17	5.944	0.462	5.275	5.629	5.958	6.089	7.281	0	0	0.00%
S178	DIS. NA	mg/L	28	22MAY2002 - 09APR2003	15	19.920	2.911	16.977	17.653	19.072	21.210	26.127	0	0	0.00%
S178	TOT. CL	mg/L	32	22MAY2002 - 09APR2003	15	35.859	5.571	29.840	31.840	34.540	38.200	50.330	0	0	0.00%
S178	TOT. SO ₄	mg/L	33	02JUL2002 - 09APR2003	4	34.903	5.307	27.680	30.945	36.275	38.860	39.380	0	0	0.00%
S178	DIS. SILICA	mg/L	27	02JUL2002 - 09APR2003	4	1.609	1.655	0.149	0.325	1.255	2.893	3.777	0	0	0.00%
S178	TOT. FE	µg/L	177	02JUL2002 - 09APR2003	4	0.017	0.006	0.010	0.013	0.018	0.022	0.024	0	0	0.00%
S178	TOT. CD	µg/L	103	15JUL2002 - 13JAN2003	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S178	TOT. CU	µg/L	104	15JUL2002 - 13JAN2003	2	1.946	0.470	1.614	1.614	1.946	2.278	2.278	0	0	0.00%
S178	TOT. ZN	µg/L	105	15JUL2002 - 13JAN2003	2	4.463	0.655	<4	<4	0.463	4.926	4.926	1	0	0.00%
S178	CAROTENOID	mg/m ³	63	22MAY2002 - 09APR2003	15	4.733	8.928	<1	<1	1.900	4.100	36.400	4	0	0.00%
S178	CHLA	mg/m ³	61	22MAY2002 - 09APR2003	15	14.413	31.682	1.000	2.200	4.900	13.000	127.400	0	0	0.00%
S178	CHLA2	mg/m ³	112	22MAY2002 - 09APR2003	15	11.940	26.190	<1	2.000	4.400	10.800	105.300	1	0	0.00%
S178	CHLB	mg/m ³	62	22MAY2002 - 09APR2003	15	1.967	3.744	<1	<1	<1	<1	15.500	13	0	0.00%
S178	CHLC	mg/m ³	113	22MAY2002 - 09APR2003	15	1.427	1.520	<1	<1	<1	<1	6.900	13	0	0.00%
S178	PHEOPHYTIN A	mg/m ³	64	22MAY2002 - 09APR2003	15	3.780	7.827	<1	<1	<1	3.200	31.800	8	0	0.00%
S331-173	DO	mg/L	8	07MAY2002 - 08APR2003	22	1.834	1.529	0.320	0.490	1.345	3.100	5.280	0	21	95.45%
S331-173	FLDCOND.	µMHOS/CM	9	07MAY2002 - 08APR2003	22	551.259	64.620	453.000	508.000	536.000	567.000	705.000	0	0	0.00%
S331-173	pH	UNITS	10	07MAY2002 - 08APR2003	22	7.115	0.210	6.840	6.970	7.050	7.270	7.650	0	0	0.00%
S331-173	TURBIDITY	NTU	12	07MAY2002 - 08APR2003	21	1.752	0.842	0.885	1.160	1.640	2.000	3.980	0	0	0.00%
S331-173	TSS	mg/L	16	07MAY2002 - 08APR2003	21	2.362	0.952	<3	<3	<3	1.400	4.200	13	0	0.00%
S331-173	COLOR	UNITS	13	07MAY2002 - 08APR2003	20	33.850	9.132	17.000	29.500	36.000	40.000	49.000	0	0	0.00%
S331-173	HARDNESS	mg/L CaCO ₃	35	07MAY2002 - 08APR2003	9	217.400	18.707	180.500	211.500	217.600	228.500	249.300	0	0	0.00%
S331-173	TEMP	CENT	7	07MAY2002 - 08APR2003	22	25.225	2.647	17.570	23.980	25.980	27.160	28.720	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
S331-173	ALKALINITY	mg/L	67	07MAY2002 - 08APR2003	21	213.303	19.428	171.720	203.700	213.140	225.790	250.410	0	0	0.00%
S331-173	SALINITY	UNITS	98	08OCT2002 - 08OCT2002	1	0.260		0.260	0.260	0.260	0.260	0.260	0	0	0.00%
S331-173	TN	mg N/L	80	07MAY2002 - 08APR2003	21	1.038	0.151	0.810	0.955	1.002	1.137	1.488	0	0	0.00%
S331-173	NO _x	mg N/L	18;180	07MAY2002 - 08APR2003	19	0.040	0.057	<0.004	0.015	0.020	0.041	0.257	1	0	0.00%
S331-173	NO ₂	mg N/L	19	07MAY2002 - 08APR2003	21	0.005	0.002	<0.004	<0.004	<0.004	<0.004	0.015	16	0	0.00%
S331-173	NO ₃	mg N/L	78	07MAY2002 - 08APR2003	19	0.039	0.054	<0.004	0.015	0.020	0.041	0.242	1	0	0.00%
S331-173	NH ₄	mg N/L	20	07MAY2002 - 08APR2003	21	0.250	0.097	0.060	0.171	0.279	0.299	0.427	0	0	0.00%
S331-173	UN-IONIZED AMMONIA	mg/L	NONE	07MAY2002 - 08APR2003	21	0.0023	0.0010	0.0006	0.0015	0.0022	0.0027	0.0046	0	0	0.00%
S331-173	NNH ₄	mg N/L	92	07MAY2002 - 08APR2003	19	0.280	0.087	0.119	0.264	0.301	0.314	0.427	0	0	0.00%
S331-173	ORGN	mg N/L	79	07MAY2002 - 08APR2003	21	0.752	0.199	0.491	0.624	0.723	0.871	1.299	0	0	0.00%
S331-173	TKN	mg N/L	21	07MAY2002 - 08APR2003	21	1.002	0.165	0.710	0.930	0.990	1.100	1.470	0	0	0.00%
S331-173	OPO ₄	mg P/L	23	07MAY2002 - 08APR2003	21	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.006	16	0	0.00%
S331-173	TP	mg P/L	25	07MAY2002 - 08APR2003	21	0.008	0.003	0.004	0.006	0.007	0.008	0.018	0	0	0.00%
S331-173	DIS. CA	mg/L	30	07MAY2002 - 08APR2003	9	74.416	7.044	59.538	71.053	76.669	78.041	82.880	0	0	0.00%
S331-173	DIS. K	mg/L	29	07MAY2002 - 08APR2003	9	2.223	0.308	1.876	2.062	2.172	2.261	2.750	0	0	0.00%
S331-173	DIS. MG	mg/L	31	07MAY2002 - 08APR2003	9	7.669667	1.59412	5.617	6.508	7.277	8.307	10.294	0	0	0.00%
S331-173	DIS. NA	mg/L	28	07MAY2002 - 08APR2003	9	28.152	5.387	22.324	25.277	27.089	28.406	38.193	0	0	0.00%
S331-173	TOT. CL	mg/L	32	07MAY2002 - 08APR2003	21	44.830	11.078	31.730	36.700	39.800	53.930	67.370	0	0	0.00%
S331-173	TOT. SO ₄	mg/L	33	07MAY2002 - 08APR2003	8	1.638	1.894	0.140	0.565	1.025	1.855	6.070	0	0	0.00%
S331-173	DIS. SILICA	mg/L	27	07MAY2002 - 08APR2003	8	7.414	0.712	6.026	7.198	7.458	7.775	8.424	0	0	0.00%
S331-173	TOT. MTHY HG	ng/L	203	15JUL2002 - 16APR2003	3	0.042	0.019	0.029	0.029	0.032	0.064	0.064	0	0	0.00%
S332D	DO	mg/L	8	02MAY2002 - 22APR2003	50	2.470	1.965	0.170	0.690	2.075	3.540	7.720	0	44	88.00%
S332D	FLDCOND.	µMHOS/CM	9	02MAY2002 - 22APR2003	50	535.722	52.165	396.000	507.000	522.000	558.000	717.000	0	0	0.00%
S332D	pH	UNITS	10	02MAY2002 - 22APR2003	50	7.234	0.294	6.440	7.080	7.195	7.410	8.020	0	0	0.00%
S332D	TURBIDITY	NTU	12	22MAY2002 - 22APR2003	17	2.117	1.323	0.817	1.110	1.700	2.790	5.780	0	0	0.00%
S332D	TSS	mg/L	16	22MAY2002 - 22APR2003	17	2.259	0.929	<1	<3	<3	1.000	3.200	12	0	0.00%
S332D	COLOR	UNITS	13	22MAY2002 - 22APR2003	17	25.294	9.796	11.000	18.000	23.000	35.000	43.000	0	0	0.00%
S332D	HARDNESS	mg/L CaCO ₃	35	02JUL2002 - 22APR2003	9	189.667	71.648	<0.1	203.800	212.700	218.900	227.400	1	0	0.00%
S332D	TEMP	CENT	7	02MAY2002 - 22APR2003	50	25.237	2.255	18.500	24.090	26.010	26.830	28.880	0	0	0.00%
S332D	ALKALINITY	mg/L	67	22MAY2002 - 22APR2003	17	210.732	17.871	185.480	204.520	209.020	213.750	271.930	0	0	0.00%
S332D	TN	mg N/L	80	22MAY2002 - 22APR2003	17	0.851235	0.21338	0.652	0.732	0.767	0.838	1.432	0	0	0.00%
S332D	NO _x	mg N/L	18;180	22MAY2002 - 22APR2003	17	0.041	0.027	0.008	0.020	0.033	0.057	0.090	0	0	0.00%
S332D	NO ₂	mg N/L	19	22MAY2002 - 22APR2003	17	0.005	0.001	<0.004	<0.004	<0.004	0.004	0.008	11	0	0.00%
S332D	NO ₃	mg N/L	78	22MAY2002 - 22APR2003	17	0.039	0.025	0.008	0.020	0.033	0.052	0.083	0	0	0.00%
S332D	NH ₄	mg N/L	20	22MAY2002 - 22APR2003	17	0.184	0.053	0.027	0.166	0.195	0.217	0.248	0	0	0.00%
S332D	UN-IONIZED AMMONIA	mg/L	NONE	02MAY2002 - 22APR2003	17	0.0023	0.0010	0.0011	0.0018	0.0022	0.0026	0.0056	0	0	0.00%
S332D	NNH ₄	mg N/L	92	22MAY2002 - 22APR2003	17	0.225	0.055	0.055	0.212	0.233	0.252	0.305	0	0	0.00%
S332D	ORGN	mg N/L	79	22MAY2002 - 22APR2003	17	0.626	0.202	0.418	0.480	0.555	0.783	1.139	0	0	0.00%
S332D	TKN	mg N/L	21	22MAY2002 - 22APR2003	17	0.810	0.202	0.570	0.700	0.750	0.820	1.350	0	0	0.00%
S332D	OPO ₄	mg P/L	23	22MAY2002 - 22APR2003	17	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	16	0	0.00%
S332D	TP	mg P/L	25	02MAY2002 - 22APR2003	51	0.007	0.003	0.004	0.005	0.006	0.007	0.017	0	0	0.00%
S332D	DIS. CA	mg/L	30	02JUL2002 - 22APR2003	9	66.811	25.409	<0.2	69.685	74.156	78.520	82.043	1	0	0.00%
S332D	DIS. K	mg/L	29	02JUL2002 - 22APR2003	7	2.030	0.922	<0.1	1.970	2.125	2.640	2.989	1	0	0.00%
S332D	DIS. MG	mg/L	31	02JUL2002 - 22APR2003	9	5.569	2.403	<0.1	5.467	5.536	6.193	9.395	1	0	0.00%
S332D	DIS. NA	mg/L	28	02JUL2002 - 22APR2003	7	22.086	10.423	<0.2	21.917	23.714	28.028	33.324	1	0	0.00%
S332D	TOT. CL	mg/L	32	22MAY2002 - 22APR2003	17	42.626	9.362	33.820	36.940	37.990	44.690	66.060	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
S332D	TOT. FE	mg/L	177	02JUL2002 - 22APR2003	4	0.275	0.147	0.108	0.152	0.287	0.398	0.417	0	0	0.00%
S332D	TOT. CD	µg/L	103	15JUL2002 - 13JAN2003	2	0.962	0.936	<0.3	<0.3	0.662	1.623	1.623	1	0	0.00%
S332D	TOT. CU	µg/L	104	15JUL2002 - 13JAN2003	2	1.256	0.078	<1.2	<1.2	0.056	1.311	1.311	1	0	0.00%
S332D	TOT. MTHY HG	ng/L	203	15JUL2002 - 16APR2003	3	0.040	0.017	0.023	0.023	0.039	0.057	0.057	0	0	0.00%
S332D	TOT. ZN	µg/L	105	15JUL2002 - 13JAN2003	2	6.363	3.341	≤4	≤4	2.363	8.725	8.725	1	0	0.00%