Appendix 3-2b: Summary Statistics of Non-ECP Water Quality Monitoring Data for Water Year 2005

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APPENDIX NOTES:

Summary statistics are tabulated in **Table 3** for all parameters collected during Water Year 2005 (WY2005) (May 1, 2004 through April 30, 2005) at the non-Everglades Construction Project (non-ECP) water quality monitoring sites. **Table 1** presents the water quality parameters associated with the summary statistics and their associated Florida Class III Fresh Surface Water Criteria [Section 62-302.530, Florida Administrative Code (F.A.C.)]. Additionally, the parameter summary statistics shown in **Table 3** are sequenced according to the order shown in **Table 1**. The monitoring sites are sequenced based on the order shown in **Table 2**. The non-ECP structure locations are depicted in Appendix 3-2, Figure 1.

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

Parameter Name	Abbreviated Parameter Name	Units	SFWMD Lab Number	Class III Criteria Predominantly Fresh Surface Waters Section 62-302.530, F.A.C.
PHYSICAL				
% Saturation, Dissolved Oxygen	% SAT. DO	percent	76	None
Dissolved Oxygen	DO	mg/L	8	Not be less than 5.0 mg/L
Specific Conductance (Field)	FLDCOND	µmhos/cm	9	Not greater than 50% above background or 1,275 µmhos/cm, whichever is greater
pH (Field)	PH	units	10	Not less than 6.0 or greater than 8.5
Turbidity	TURBIDITY	ntu	12	Less than or equal to 29 NTU above natural background
Total Suspended Solids	TSS	mg/L	16	None
Color	COLOR	units	13	None
Hardness	HARDNESS	mg/L as $CaCO_3$	35	None
Temperature	TEMP	centigrade	7	None
Alkalinity	ALKALINITY	mg/L	67	Not less than 20 mg/L
NUTRIENTS				
Total Nitrogen	TN	mg N/L	80	narrative criteria
Nitrite + Nitrate	NOX	mg N/L	18;180	narrative criteria
Nitrite	NO2	mg N/L	19	narrative criteria
Nitrate	NO3	mg N/L	78	narrative criteria
Ammonium	NH4	mg N/L	182	narrative criteria
Un-Ionized Ammonia	UN-IONIZED AMMONIA	mg/L as NH_3	NONE	Less than or equal to 0.02 mg/L
Inorganic Nitrogen	NNH4	mg N/L	92	narrative criteria
Organic Nitrogen	ORGN	mg N/L	79	narrative criteria
Total Kjeldahl Nitrogen	TKN	mg N/L	21	narrative criteria
Ortho-Phosphorus	OPO4	mg P/L	23	narrative criteria
Total Phosphorus	TP	mg P/L	25	narrative criteria
MAJOR IONS				
Dissolved Calcium	DIS. CA	mg/L	30	None
Dissolved Potassium	DIS. K	mg/L	29	None
Dissolved Magnesium	DIS. MG	mg/L	31	None
Dissolved Sodium	DIS. NA	mg/L	28	None
Dissolved Silica	DIS. SILICA	mg/L	27	None
Total Sulfate	TOT. SO4	mg/L	33	None
Total Chlorides	TOT. CL	mg/L	32	None
TRACE ELEMENTS				
Total Arsenic	TOT. AS	µg/L	106	Less than or equal to 50 µg/L
Total Cadmium	TOT. CD	µg/L	103	Less than or equal to calculated value using: $e^{(0.7852[\ln(\text{Hardness})-3.49])}$ µg/L
Total Copper	TOT. CU	µg/L	104	Less than or equal to calculated value using: $e^{(0.8545[\ln(\text{Hardness})-1.702])}$ µg/L
Total Mercury	TOT. HG	µg/L	102	Less than or equal to .012 µg/L
Total Lead	TOT. PB	µg/L	107	Less than or equal to calculated value using: $e^{(1.273[\ln(\text{Hardness})-4.705])}$ µg/L
Total Zinc	TOT. ZN	µg/L	105	Less than or equal to calculated value using: $e^{(0.8473[\ln(\text{Hardness})+0.884])}$ µg/L
Total Iron	TOT. FE	mg/L	177	Less than or equal to 1.0 mg/L
BIOLOGICAL				
Carotenoid	CAROTENOID or CAROT	mg/m^3	63	None
Chlorophyll-A	CHLA	mg/m^3	61	None
Chlorophyll-A2	CHLA2	mg/m^3	112	None
Chlorophyll-B	CHLB	mg/m^3	62	None
Chlorophyll-C	CHLC	mg/m^3	113	None
Pheophytin-A	PHEOPHYTIN A	mg/m^3	64	None

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

STRUCTURE CATEGORY	Non-ECP PERMIT STRUCTURE	WATER QUALITY SAMPLING SITE	Comments
INTO	ACME1DS	ACME1DS	
	ACME1 + (upstream of ACME1DS)	VOW1	Autosampler installed upstream of pump station during WY2001
	G-94D	G94D	
	ACME2 + (upstream of G94D)	VOW2	Autosampler installed upstream of pump station during WY2001
	G-123	G123	Autosampler installed upstream of pump station during WY2001
	S-9	S9	Autosampler installed upstream of pump station during WY2000
	S-9A	S9A	Water quality data available in WY2003
	S-14	S14	
	S-18C	S18C	Autosampler installed upstream of pump station during WY2003
	S-140	S140	Autosampler installed upstream of pump station during WY2001
	S-175	S175	
	S-190	S190	Autosampler installed upstream of pump station during WY2001
	S-332	S332	
	NSID1	NSIDSP01	Autosampler installed upstream of pump station during WY2002
		S38B	
WITHIN	G-64	G64	
	G-69	G69	
	G-71, S-346, S-347	S12D	
	S-10E	S10E	
	S-141	S34	
	S-142	S142	
	S-143	S11A	
	S-144	S144	
	S-145	S145	
	S-146	S146	
	S-151	S151	
	S-333	S333	
	S-339, S-340	C123SR84	
FROM	G-94A, G-94B, G-94C	G94B	
	S-31, S-337	S31	
	S-34	S34	
	S-38	S38	
	S-39	S39	
	S-197	S197	
	S-334	S334	
	S-343A, S-343B	US41-25	
	S-344	S344	
C-111 BASIN	S-174 +	S176	
	S-177 +	S177	
	S-178 +	S178	
	S-331 +, S-173 +	S331-173	
	S-332B	S-332B	The site is not a non-ECP structure; data are presented for information only
	S-332C	S-332C	The site is not a non-ECP structure; data are presented for information only
	S-332D	S-332D	The site is not a non-ECP structure; data are presented for information only
	Burm-B3	BurmB3	The site is not a non-ECP structure; data are presented for information only

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

Table 3. Summary statistics of non-ECP water quality monitoring data (physical parameters, nutrients, major ions, and trace metals) collected during Water Year 2005 (WY2005) (May 1, 2004 through April 30, 2005).

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
ACME1DS	DO	mg/L	8	24MAY2004 - 26APR2005	12	6.418	1.662	3.850	5.190	6.380	7.960	8.790	0	2	16.67%
ACME1DS	FLDCOND.	UMHOS/CM	9	24MAY2004 - 26APR2005	11	707.545	188.972	310.000	592.000	758.000	794.000	1049.000	0	0	0.00%
ACME1DS	PH	UNITS	10	24MAY2004 - 26APR2005	12	7.732	0.388	7.290	7.355	7.715	8.060	8.380	0	0	0.00%
ACME1DS	TURBIDITY	NTU	12	24MAY2004 - 26APR2005	12	4.683	1.053	3.300	3.600	4.800	5.550	6.100	0	0	0.00%
ACME1DS	TSS	mg/L	16	24MAY2004 - 26APR2005	12	6.167	1.586	4.000	4.500	6.500	7.500	8.000	0	0	0.00%
ACME1DS	COLOR	UNITS	13	24MAY2004 - 26APR2005	12	100.000	22.381	77.000	80.000	96.500	115.500	147.000	0	0	0.00%
ACME1DS	HARDNESS	mg/L CACO3	35	06JUL2004 - 14MAR2005	6	245.333	56.631	199.000	223.000	228.000	236.000	358.000	0	0	0.00%
ACME1DS	TEMP	CENT	7	24MAY2004 - 26APR2005	12	25.158	4.689	18.400	21.550	24.400	30.000	30.900	0	0	0.00%
ACME1DS	ALKALINITY	mg/L	67	24MAY2004 - 26APR2005	12	185.083	35.359	95.000	172.000	187.000	207.500	232.000	0	0	0.00%
ACME1DS	TN	mg N/L	80	24MAY2004 - 26APR2005	11	1.812	0.203	1.267	1.778	1.860	1.950	2.010	0	0	0.00%
ACME1DS	NOX	mg N/L	18;180	24MAY2004 - 26APR2005	11	0.034	0.036	<0.004	0.004	0.020	0.060	0.096	2	0	0.00%
ACME1DS	NO2	mg N/L	19	24MAY2004 - 26APR2005	12	0.009	0.005	<0.004	0.005	0.007	0.013	0.020	2	0	0.00%
ACME1DS	NO3	mg N/L	78	24MAY2004 - 26APR2005	11	0.027	0.031	<0.004	<0.004	0.015	0.049	0.088	5	0	0.00%
ACME1DS	NH4	mg N/L	20	24MAY2004 - 26APR2005	11	0.030	0.029	<0.009	0.010	0.015	0.040	0.093	2	0	0.00%
ACME1DS	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 26APR2005	11	0.001193	0.00093	0.000143	0.00042	0.0012554	0.0017	0.002868	0	0	0.00%
ACME1DS	NNH4	mg N/L	92	24MAY2004 - 26APR2005	11	0.061	0.059	0.008	0.012	0.027	0.129	0.153	0	0	0.00%
ACME1DS	ORGN	mg N/L	79	24MAY2004 - 26APR2005	11	1.751	0.218	1.143	1.765	1.797	1.840	1.998	0	0	0.00%
ACME1DS	TKN	mg N/L	21	24MAY2004 - 26APR2005	11	1.779	0.203	1.220	1.770	1.830	1.880	2.010	0	0	0.00%
ACME1DS	OPO4	mg P/L	23	24MAY2004 - 26APR2005	12	0.017	0.019	<0.004	0.006	0.010	0.024	0.070	1	0	0.00%
ACME1DS	TP	mg P/L	25	24MAY2004 - 26APR2005	11	0.064	0.030	0.041	0.043	0.049	0.090	0.135	0	0	0.00%
ACME1DS	DIS. CA	mg/L	30	06JUL2004 - 14MAR2005	6	70.000	14.196	58.100	60.800	63.700	78.800	94.900	0	0	0.00%
ACME1DS	DIS. K	mg/L	29	06JUL2004 - 14MAR2005	4	6.425	1.408	4.900	5.250	6.450	7.600	7.900	0	0	0.00%
ACME1DS	DIS. MG	mg/L	31	06JUL2004 - 14MAR2005	6	17.100	7.519	8.700	9.600	17.750	19.500	29.300	0	0	0.00%
ACME1DS	DIS. NA	mg/L	28	06JUL2004 - 14MAR2005	4	62.850	13.825	42.200	55.100	69.100	70.600	71.000	0	0	0.00%
ACME1DS	TOT. CL	mg/L	32	24MAY2004 - 26APR2005	12	95.642	34.222	29.500	74.450	102.000	107.000	171.000	0	0	0.00%
ACME1DS	TOT. SO4	mg/L	33	06JUL2004 - 14MAR2005	4	31.775	18.720	15.800	17.150	27.550	46.400	56.200	0	0	0.00%
ACME1DS	DIS. SILICA	mg/L	27	06JUL2004 - 14MAR2005	4	11.355	5.150	5.320	8.060	11.100	14.650	17.900	0	0	0.00%
ACME1DS	TOT. FE	mg/L	177	06JUL2004 - 14MAR2005	4	0.133	0.028	0.097	0.111	0.138	0.156	0.160	0	0	0.00%
ACME1DS	TOT. CD	ug/L	103	18AUG2004 - 10FEB2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
ACME1DS	TOT. CU	ug/L	104	18AUG2004 - 10FEB2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
ACME1DS	TOT. MTHY HG	ng/L	203	26MAY2004 - 10FEB2005	4	0.256	0.254	0.071	0.081	0.166	0.430	0.620	0	0	0.00%
ACME1DS	TOT. ZN	ug/L	105	18AUG2004 - 10FEB2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW1	DO	mg/L	8	13MAY2004 - 28MAR2005	15	5.047	1.670	1.600	4.000	4.800	6.300	8.300	0	8	53.33%
VOW1	FLDCOND.	UMHOS/CM	9	07OCT2004 - 28MAR2005	6	772.833	201.379	470.000	563.000	883.500	916.000	921.000	0	0	0.00%
VOW1	LABCOND.	UMHOS/CM	14	13MAY2004 - 30SEP2004	9	736.778	285.786	312.000	606.000	626.000	######	1113.000	0	0	0.00%
VOW1	PH	UNITS	10	13MAY2004 - 28MAR2005	15	7.493	0.269	7.000	7.300	7.500	7.800	7.800	0	0	0.00%
VOW1	TEMP	CENT	7	13MAY2004 - 28MAR2005	15	27.107	3.103	18.900	26.300	27.500	29.400	30.900	0	0	0.00%
VOW1	TN	mg N/L	80	25AUG2004 - 21SEP2004	2	1.650	0.495	1.300	1.300	1.650	2.000	2.000	0	0	0.00%
VOW1	NOX	mg N/L	18;180	25AUG2004 - 21SEP2004	2	0.017	0.000	<0.017	<0.017	<0.017	<0.017	<0.017	2	0	0.00%
VOW1	NO2	mg N/L	19	25AUG2004 - 21SEP2004	2	0.017	0.000	<0.017	<0.017	<0.017	<0.017	<0.017	2	0	0.00%
VOW1	NO3	mg N/L	78	25AUG2004 - 21SEP2004	2	0.017	0.000	<0.017	<0.017	<0.017	<0.017	<0.017	2	0	0.00%
VOW1	TKN	mg N/L	21	25AUG2004 - 21SEP2004	2	1.650	0.495	1.300	1.300	1.650	2.000	2.000	0	0	0.00%
VOW1	TP	mg P/L	25	13MAY2004 - 28MAR2005	14	0.096	0.052	0.042	0.048	0.085	0.130	0.200	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
VOW1	TOT. CL	mg/L	32	25AUG2004 - 21SEP2004	2	104.500	36.062	79.000	79.000	104.500	130.000	130.000	0	0	0.00%
VOW1Auto	TP	mg P/L	25	13MAY2004 - 14APR2005	21	0.097	0.046	0.046	0.069	0.082	0.130	0.240	0	0	0.00%
G94D	DO	mg/L	8	24MAY2004 - 26APR2005	13	5.705	1.768	2.720	4.420	5.880	6.760	9.400	0	4	30.77%
G94D	FLDCOND.	UMHOS/CM	9	24MAY2004 - 26APR2005	12	621.833	145.037	300.000	541.000	604.500	742.000	805.000	0	0	0.00%
G94D	PH	UNITS	10	24MAY2004 - 26APR2005	13	7.593	0.304	7.170	7.340	7.670	7.870	7.990	0	0	0.00%
G94D	TURBIDITY	NTU	12	24MAY2004 - 26APR2005	13	5.623	3.314	1.900	3.500	4.600	6.600	14.100	0	0	0.00%
G94D	TSS	mg/L	16	24MAY2004 - 26APR2005	13	7.000	3.830	3.000	5.000	6.000	7.000	18.000	0	0	0.00%
G94D	COLOR	UNITS	13	24MAY2004 - 26APR2005	13	93.462	18.081	73.000	83.000	87.000	100.000	143.000	0	0	0.00%
G94D	HARDNESS	mg/L CACO3	35	06JUL2004 - 14MAR2005	6	239.167	37.515	202.000	226.000	230.500	234.000	312.000	0	0	0.00%
G94D	TEMP	CENT	7	24MAY2004 - 26APR2005	13	25.392	4.785	17.300	21.600	26.400	28.500	31.300	0	0	0.00%
G94D	ALKALINITY	mg/L	67	24MAY2004 - 26APR2005	13	182.231	29.289	101.000	171.000	194.000	201.000	211.000	0	0	0.00%
G94D	TN	mg N/L	80	24MAY2004 - 26APR2005	12	1.711	0.311	1.189	1.472	1.771	1.958	2.155	0	0	0.00%
G94D	NOX	mg N/L	18;180	24MAY2004 - 26APR2005	12	0.057	0.060	<0.004	0.003	0.037	0.092	0.201	3	0	0.00%
G94D	NO2	mg N/L	19	24MAY2004 - 26APR2005	13	0.013	0.009	<0.004	0.005	0.010	0.019	0.032	3	0	0.00%
G94D	NO3	mg N/L	78	24MAY2004 - 26APR2005	12	0.045	0.051	<0.004	0.001	0.019	0.078	0.169	3	0	0.00%
G94D	NH4	mg N/L	20	24MAY2004 - 26APR2005	12	0.068	0.080	<0.009	0.011	0.036	0.093	0.228	2	0	0.00%
G94D	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 26APR2005	12	0.00125	0.00094	0.00015	0.00051	0.0009673	0.0017	0.003047	0	0	0.00%
G94D	NNH4	mg N/L	92	24MAY2004 - 26APR2005	12	0.122	0.131	0.009	0.014	0.095	0.178	0.429	0	0	0.00%
G94D	ORGN	mg N/L	79	24MAY2004 - 26APR2005	12	1.589	0.353	1.041	1.303	1.666	1.812	2.140	0	0	0.00%
G94D	TKN	mg N/L	21	24MAY2004 - 26APR2005	12	1.655	0.319	1.090	1.430	1.680	1.865	2.140	0	0	0.00%
G94D	OPO4	mg P/L	23	24MAY2004 - 26APR2005	13	0.036	0.058	0.004	0.005	0.012	0.024	0.183	0	0	0.00%
G94D	TP	mg P/L	25	24MAY2004 - 26APR2005	12	0.095	0.076	0.042	0.052	0.062	0.099	0.264	0	0	0.00%
G94D	DIS. CA	mg/L	30	06JUL2004 - 14MAR2005	6	71.850	13.479	58.400	61.800	67.150	85.900	90.700	0	0	0.00%
G94D	DIS. K	mg/L	29	06JUL2004 - 14MAR2005	4	6.100	1.512	4.600	4.800	6.150	7.400	7.500	0	0	0.00%
G94D	DIS. MG	mg/L	31	06JUL2004 - 14MAR2005	6	14.533	7.224	4.700	6.100	17.550	20.500	20.800	0	0	0.00%
G94D	DIS. NA	mg/L	28	06JUL2004 - 14MAR2005	4	47.900	23.755	27.100	27.450	46.500	68.350	71.500	0	0	0.00%
G94D	TOT. CL	mg/L	32	24MAY2004 - 26APR2005	13	69.008	30.325	18.300	45.300	67.400	99.900	110.000	0	0	0.00%
G94D	TOT. SO4	mg/L	33	06JUL2004 - 14MAR2005	4	32.725	23.084	14.100	15.800	26.100	49.650	64.600	0	0	0.00%
G94D	DIS. SILICA	mg/L	27	06JUL2004 - 14MAR2005	4	11.518	5.913	6.120	7.485	10.075	15.550	19.800	0	0	0.00%
G94D	TOT. FE	mg/L	177	06JUL2004 - 14MAR2005	4	0.405	0.320	0.150	0.182	0.305	0.627	0.858	0	0	0.00%
G94D	TOT. CD	ug/L	103	18AUG2004 - 10FEB2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
G94D	TOT. CU	ug/L	104	10FEB2005 - 10FEB2005	1	1.700		1.700	1.700	1.700	1.700	1.700	0	0	0.00%
G94D	TOT. MTHY HG	ng/L	203	26MAY2004 - 10FEB2005	4	0.137	0.064	0.076	0.084	0.131	0.190	0.210	0	0	0.00%
G94D	TOT. ZN	ug/L	105	18AUG2004 - 10FEB2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW2	DO	mg/L	8	13MAY2004 - 28MAR2005	17	4.629	1.264	3.000	3.500	4.600	5.600	7.100	0	12	70.59%
VOW2	FLDCOND.	UMHOS/CM	9	07OCT2004 - 28MAR2005	6	565.833	87.080	419.000	500.000	610.500	626.000	629.000	0	0	0.00%
VOW2	LABCOND.	UMHOS/CM	14	13MAY2004 - 30SEP2004	11	565.727	141.096	335.000	489.000	570.000	651.000	859.000	0	0	0.00%
VOW2	PH	UNITS	10	13MAY2004 - 28MAR2005	17	7.306	0.238	6.800	7.200	7.200	7.500	7.700	0	0	0.00%
VOW2	TEMP	CENT	7	13MAY2004 - 28MAR2005	17	27.247	3.235	17.900	26.900	27.300	29.100	30.600	0	0	0.00%
VOW2	TN	mg N/L	80	09JUN2004 - 21SEP2004	3	1.487	0.259	1.191	1.191	1.600	1.670	1.670	0	0	0.00%
VOW2	NOX	mg N/L	18;180	09JUN2004 - 21SEP2004	3	0.093	0.077	<0.017	<0.017	0.091	0.170	0.170	1	0	0.00%
VOW2	NO2	mg N/L	19	09JUN2004 - 21SEP2004	3	0.017	0.000	<0.017	<0.017	<0.017	<0.017	<0.017	3	0	0.00%
VOW2	NO3	mg N/L	78	09JUN2004 - 21SEP2004	3	0.093	0.077	<0.017	<0.017	0.091	0.170	0.170	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
VOW2	TKN	mg N/L	21	09JUN2004 - 21SEP2004	3	1.400	0.265	1.100	1.100	1.500	1.600	1.600	0	0	0.00%
VOW2	TP	mg P/L	25	13MAY2004 - 28MAR2005	16	0.127	0.083	0.043	0.063	0.109	0.155	0.350	0	0	0.00%
VOW2	TOT. CL	mg/L	32	09JUN2004 - 21SEP2004	3	56.333	14.295	44.000	44.000	53.000	72.000	72.000	0	0	0.00%
VOW2Auto	TP	mg P/L	25	13MAY2004 - 14APR2005	16	0.125	0.101	0.036	0.065	0.077	0.150	0.350	0	0	0.00%
G123	DO	mg/L	8	04MAY2004 - 26APR2005	48	4.615	1.611	2.160	3.310	4.425	6.055	9.560	0	30	62.50%
G123	FLDCOND.	UMHOS/CM	9	04MAY2004 - 26APR2005	52	954.288	87.308	759.000	897.500	950.000	######	1096.000	0	0	0.00%
G123	PH	UNITS	10	04MAY2004 - 26APR2005	52	7.614	0.153	7.190	7.525	7.640	7.740	7.900	0	0	0.00%
G123	TURBIDITY	NTU	12	25MAY2004 - 26APR2005	11	2.318	0.829	1.000	1.500	2.400	2.800	3.900	0	0	0.00%
G123	TSS	mg/L	16	25MAY2004 - 26APR2005	11	3.364	0.924	<3	<3	<3	<3	6.000	9	0	0.00%
G123	COLOR	UNITS	13	25MAY2004 - 26APR2005	11	81.909	17.885	57.000	68.000	78.000	102.000	108.000	0	0	0.00%
G123	HARDNESS	mg/L CACO3	35	20JUL2004 - 26APR2005	6	308.333	17.660	296.000	299.000	301.000	310.000	343.000	0	0	0.00%
G123	TEMP	CENT	7	04MAY2004 - 26APR2005	52	24.902	4.161	16.400	21.600	25.700	28.550	32.500	0	0	0.00%
G123	ALKALINITY	mg/L	67	25MAY2004 - 26APR2005	11	278.091	28.275	237.000	253.000	272.000	291.000	329.000	0	0	0.00%
G123	TN	mg N/L	80	25MAY2004 - 26APR2005	12	2.054	0.440	1.546	1.773	2.027	2.115	3.301	0	0	0.00%
G123	NOX	mg N/L	18;180	25MAY2004 - 26APR2005	11	0.127	0.262	0.006	0.017	0.033	0.073	0.901	0	0	0.00%
G123	NO2	mg N/L	19	25MAY2004 - 26APR2005	11	0.011	0.012	<0.004	0.004	0.006	0.011	0.039	1	0	0.00%
G123	NO3	mg N/L	78	25MAY2004 - 26APR2005	10	0.128	0.262	0.011	0.019	0.035	0.067	0.862	0	0	0.00%
G123	NH4	mg N/L	20	25MAY2004 - 26APR2005	12	0.132	0.126	0.009	0.045	0.108	0.177	0.449	0	0	0.00%
G123	UN-IONIZED AMMONIA	mg/L	NONE	04MAY2004 - 26APR2005	12	0.004963	0.00663	0.000673	0.00103	0.0021205	0.0065	0.022506	0	1	8.33%
G123	NNH4	mg N/L	92	25MAY2004 - 26APR2005	11	0.247	0.271	0.015	0.079	0.161	0.418	0.927	0	0	0.00%
G123	ORGN	mg N/L	79	25MAY2004 - 26APR2005	12	1.806	0.297	1.241	1.619	1.821	1.968	2.374	0	0	0.00%
G123	TKN	mg N/L	21	25MAY2004 - 26APR2005	12	1.938	0.241	1.540	1.740	1.960	2.065	2.400	0	0	0.00%
G123	OPO4	mg P/L	23	25MAY2004 - 26APR2005	11	0.007	0.005	<0.004	0.004	0.005	0.007	0.022	1	0	0.00%
G123	TP	mg P/L	25	04MAY2004 - 26APR2005	51	0.025	0.016	0.009	0.015	0.019	0.031	0.108	0	0	0.00%
G123	DIS. CA	mg/L	30	20JUL2004 - 26APR2005	6	84.900	8.839	76.300	76.600	84.050	88.400	100.000	0	0	0.00%
G123	DIS. K	mg/L	29	20JUL2004 - 26APR2005	4	6.375	1.656	4.300	5.050	6.650	7.700	7.900	0	0	0.00%
G123	DIS. MG	mg/L	31	20JUL2004 - 26APR2005	6	23.383	2.559	18.900	22.600	23.600	25.500	26.100	0	0	0.00%
G123	DIS. NA	mg/L	28	20JUL2004 - 26APR2005	4	78.850	3.397	76.600	76.900	77.450	80.800	83.900	0	0	0.00%
G123	TOT. CL	mg/L	32	25MAY2004 - 26APR2005	12	111.658	11.348	94.400	102.500	111.500	122.500	127.000	0	0	0.00%
G123	TOT. SO4	mg/L	33	20JUL2004 - 26APR2005	4	30.575	17.752	12.300	16.400	28.950	44.750	52.100	0	0	0.00%
G123	DIS. SILICA	mg/L	27	20JUL2004 - 26APR2005	4	14.780	5.356	8.920	11.360	14.150	18.200	21.900	0	0	0.00%
G123	TOT. FE	mg/L	177	20JUL2004 - 26APR2005	4	0.057	0.027	0.035	0.041	0.048	0.073	0.096	0	0	0.00%
G123	TOT. CD	ug/L	103	16AUG2004 - 08FEB2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
G123	TOT. CU	ug/L	104	16AUG2004 - 08FEB2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
G123	TOT. MTHY HG	ng/L	203	24MAY2004 - 08FEB2005	4	0.248	0.124	0.130	0.165	0.220	0.330	0.420	0	0	0.00%
G123	TOT. ZN	ug/L	105	16AUG2004 - 08FEB2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
G123Auto	TP	mg P/L	25	04MAY2004 - 18MAY2004	3	0.023	0.009	0.016	0.016	0.020	0.034	0.034	0	0	0.00%
S9	DO	mg/L	8	04MAY2004 - 26APR2005	50	2.564	1.543	0.450	1.250	2.470	3.630	7.050	0	48	96.00%
S9	FLDCOND.	UMHOS/CM	9	04MAY2004 - 26APR2005	51	751.824	52.685	592.000	724.000	764.000	790.000	828.000	0	0	0.00%
S9	PH	UNITS	10	04MAY2004 - 26APR2005	51	7.410	0.119	7.170	7.340	7.430	7.470	7.800	0	0	0.00%
S9	TURBIDITY	NTU	12	25MAY2004 - 26APR2005	13	4.131	3.019	1.000	3.000	3.700	4.500	13.400	0	0	0.00%
S9	TSS	mg/L	16	25MAY2004 - 26APR2005	13	3.923	1.605	<3	<3	<3	5.000	8.000	8	0	0.00%
S9	COLOR	UNITS	13	25MAY2004 - 26APR2005	13	48.769	6.942	36.000	43.000	50.000	54.000	58.000	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
S9	HARDNESS	mg/L CACO3	35	20JUL2004 - 26APR2005	6	259.833	27.795	208.000	256.000	264.000	282.000	285.000	0	0	0.00%
S9	TEMP	CENT	7	04MAY2004 - 26APR2005	51	25.624	2.508	20.800	23.600	25.400	27.500	30.200	0	0	0.00%
S9	ALKALINITY	mg/L	67	25MAY2004 - 26APR2005	14	250.929	22.092	203.000	249.000	260.000	265.000	273.000	0	0	0.00%
S9	TN	mg N/L	80	25MAY2004 - 26APR2005	14	1.535	0.145	1.293	1.453	1.501	1.640	1.789	0	0	0.00%
S9	NOX	mg N/L	18;180	25MAY2004 - 26APR2005	13	0.058	0.050	<0.004	0.015	0.043	0.097	0.142	1	0	0.00%
S9	NO2	mg N/L	19	25MAY2004 - 26APR2005	13	0.007	0.004	<0.004	<0.004	0.005	0.009	0.014	6	0	0.00%
S9	NO3	mg N/L	78	25MAY2004 - 26APR2005	12	0.049	0.045	<0.004	0.014	0.030	0.081	0.128	1	0	0.00%
S9	NH4	mg N/L	20	25MAY2004 - 26APR2005	14	0.382	0.140	0.167	0.280	0.369	0.455	0.629	0	0	0.00%
S9	UN-IONIZED AMMONIA	mg/L	NONE	04MAY2004 - 26APR2005	14	0.007	0.002	0.005	0.005	0.006	0.008	0.012	0	0	0.00%
S9	NNH4	mg N/L	92	25MAY2004 - 26APR2005	13	0.420	0.126	0.182	0.319	0.468	0.493	0.571	0	0	0.00%
S9	ORGN	mg N/L	79	25MAY2004 - 26APR2005	14	1.099	0.131	0.990	1.011	1.049	1.137	1.433	0	0	0.00%
S9	TKN	mg N/L	21	25MAY2004 - 26APR2005	14	1.481	0.174	1.200	1.370	1.415	1.640	1.780	0	0	0.00%
S9	OPO4	mg P/L	23	25MAY2004 - 26APR2005	13	0.005	0.002	<0.004	<0.004	0.004	0.005	0.011	4	0	0.00%
S9	TP	mg P/L	25	04MAY2004 - 26APR2005	50	0.016	0.009	0.009	0.012	0.013	0.018	0.053	0	0	0.00%
S9	DIS. CA	mg/L	30	20JUL2004 - 26APR2005	6	80.083	8.795	63.000	79.800	82.350	85.600	87.400	0	0	0.00%
S9	DIS. K	mg/L	29	20JUL2004 - 26APR2005	4	3.350	0.451	3.000	3.050	3.200	3.650	4.000	0	0	0.00%
S9	DIS. MG	mg/L	31	20JUL2004 - 26APR2005	6	14.617	1.585	12.400	13.800	14.300	16.300	16.600	0	0	0.00%
S9	DIS. NA	mg/L	28	20JUL2004 - 26APR2005	4	51.775	4.535	48.200	48.750	50.300	54.800	58.300	0	0	0.00%
S9	TOT. CL	mg/L	32	25MAY2004 - 26APR2005	14	73.579	9.459	57.700	65.100	75.900	78.100	88.300	0	0	0.00%
S9	TOT. SO4	mg/L	33	20JUL2004 - 26APR2005	4	3.300	2.522	1.600	1.700	2.300	4.900	7.000	0	0	0.00%
S9	DIS. SILICA	mg/L	27	20JUL2004 - 26APR2005	4	12.150	1.764	10.100	10.850	12.100	13.450	14.300	0	0	0.00%
S9	TOT. FE	mg/L	177	20JUL2004 - 26APR2005	4	0.418	0.220	0.160	0.242	0.427	0.594	0.659	0	0	0.00%
S9	TOT. CD	ug/L	103	16AUG2004 - 08FEB2005	2	0.350	0.071	<0.3	<0.3	0.050	0.400	0.400	1	0	0.00%
S9	TOT. CU	ug/L	104	16AUG2004 - 08FEB2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S9	TOT. MTHY HG	ng/L	203	24MAY2004 - 08FEB2005	4	0.070	0.042	0.036	0.041	0.057	0.099	0.130	0	0	0.00%
S9	TOT. ZN	ug/L	105	16AUG2004 - 08FEB2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S9Auto	TN	mg N/L	80	17AUG2004 - 12APR2005	19	1.486	0.161	1.238	1.368	1.451	1.604	1.879	0	0	0.00%
S9Auto	NOX	mg N/L	18;180	17AUG2004 - 12APR2005	19	0.075	0.048	0.013	0.030	0.078	0.121	0.152	0	0	0.00%
S9Auto	NH4	mg N/L	20	17AUG2004 - 03NOV2004	12	0.284	0.040	0.214	0.250	0.297	0.313	0.341	0	0	0.00%
S9Auto	NNH4	mg N/L	92	17AUG2004 - 03NOV2004	12	0.373	0.053	0.292	0.340	0.357	0.410	0.462	0	0	0.00%
S9Auto	ORGN	mg N/L	79	17AUG2004 - 03NOV2004	12	1.014	0.053	0.941	0.970	1.008	1.069	1.082	0	0	0.00%
S9Auto	TKN	mg N/L	21	17AUG2004 - 12APR2005	19	1.412	0.187	1.160	1.270	1.380	1.540	1.850	0	0	0.00%
S9Auto	TP	mg P/L	25	17AUG2004 - 12APR2005	19	0.014	0.004	0.009	0.012	0.014	0.015	0.025	0	0	0.00%
S9A	DO	mg/L	8	04MAY2004 - 26APR2005	51	2.763	1.595	0.370	1.240	2.670	3.910	7.060	0	46	90.20%
S9A	FLDCOND.	UMHOS/CM	9	04MAY2004 - 26APR2005	52	751.404	51.842	597.000	729.000	764.500	786.000	831.000	0	0	0.00%
S9A	PH	UNITS	10	04MAY2004 - 26APR2005	52	7.397	0.155	7.170	7.300	7.385	7.440	7.970	0	0	0.00%
S9A	TURBIDITY	NTU	12	25MAY2004 - 26APR2005	12	4.142	3.754	1.000	2.250	3.450	4.000	15.500	0	0	0.00%
S9A	TSS	mg/L	16	26OCT2004 - 26OCT2004	1	3.000		<3	<3	<3	<3	<3	1	0	0.00%
S9A	HARDNESS	mg/L CACO3	35	26OCT2004 - 26OCT2004	1	254.000		254.000	254.000	254.000	254.000	254.000	0	0	0.00%
S9A	TEMP	CENT	7	04MAY2004 - 26APR2005	52	25.598	2.541	20.400	23.600	25.600	27.550	30.300	0	0	0.00%
S9A	ALKALINITY	mg/L	67	20JUL2004 - 26APR2005	4	247.750	25.012	212.000	230.500	256.500	265.000	266.000	0	0	0.00%
S9A	TN	mg N/L	80	25MAY2004 - 26APR2005	13	1.513	0.132	1.298	1.468	1.526	1.570	1.729	0	0	0.00%
S9A	NOX	mg N/L	18;180	25MAY2004 - 26APR2005	11	0.043	0.038	<0.004	0.013	0.028	0.068	0.121	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	NO2	mg N/L	19	25MAY2004 - 26APR2005	12	0.006	0.002	<0.004	<0.004	0.005	0.007	0.010	4	0	0.00%
S9A	NO3	mg N/L	78	25MAY2004 - 26APR2005	11	0.039	0.035	<0.004	0.009	0.021	0.060	0.111	1	0	0.00%
S9A	NH4	mg N/L	20	25MAY2004 - 26APR2005	12	0.375	0.159	0.075	0.267	0.418	0.479	0.599	0	0	0.00%
S9A	UN-IONIZED AMMONIA	mg/L	NONE	04MAY2004 - 26APR2005	12	0.006	0.001	0.004	0.005	0.006	0.007	0.009	0	0	0.00%
S9A	NNH4	mg N/L	92	25MAY2004 - 26APR2005	11	0.397	0.150	0.123	0.264	0.458	0.497	0.561	0	0	0.00%
S9A	ORGN	mg N/L	79	25MAY2004 - 26APR2005	12	1.101	0.116	0.971	1.003	1.081	1.167	1.355	0	0	0.00%
S9A	TKN	mg N/L	21	25MAY2004 - 26APR2005	13	1.477	0.150	1.250	1.400	1.490	1.570	1.720	0	0	0.00%
S9A	OPO4	mg P/L	23	25MAY2004 - 26APR2005	12	0.004	0.000	<0.004	<0.004	0.004	0.005	0.005	5	0	0.00%
S9A	TP	mg P/L	25	04MAY2004 - 26APR2005	51	0.016	0.009	0.007	0.011	0.012	0.018	0.052	0	0	0.00%
S9A	DIS. CA	mg/L	30	26OCT2004 - 26OCT2004	1	78.600		78.600	78.600	78.600	78.600	78.600	0	0	0.00%
S9A	DIS. K	mg/L	29	26OCT2004 - 26OCT2004	1	3.300		3.300	3.300	3.300	3.300	3.300	0	0	0.00%
S9A	DIS. MG	mg/L	31	26OCT2004 - 26OCT2004	1	14.000		14.000	14.000	14.000	14.000	14.000	0	0	0.00%
S9A	DIS. NA	mg/L	28	26OCT2004 - 26OCT2004	1	47.600		47.600	47.600	47.600	47.600	47.600	0	0	0.00%
S9A	TOT. CL	mg/L	32	20JUL2004 - 26APR2005	4	75.800	7.981	68.200	69.900	74.250	81.700	86.500	0	0	0.00%
S9A	TOT. FE	mg/L	177	26OCT2004 - 26OCT2004	1	0.444		0.444	0.444	0.444	0.444	0.444	0	0	0.00%
S9AAuto	TP	mg P/L	25	12OCT2004 - 26APR2005	26	0.010	0.004	0.007	0.009	0.010	0.010	0.029	0	0	0.00%
S14	HARDNESS	mg/L CACO3	35	08JUL2004 - 06JAN2005	2	197.000	9.899	190.000	190.000	197.000	204.000	204.000	0	0	0.00%
S14	DIS. CA	mg/L	30	08JUL2004 - 06JAN2005	2	67.100	4.808	63.700	63.700	67.100	70.500	70.500	0	0	0.00%
S14	DIS. MG	mg/L	31	08JUL2004 - 06JAN2005	2	7.2	5.37401	3.4	3.4	7.2	11	11	0	0	0.00%
S14	TOT. CD	ug/L	103	08JUL2004 - 06JAN2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S14	TOT. CU	ug/L	104	08JUL2004 - 06JAN2005	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	08JUL2004 - 13APR2005	4	0.134	0.064	0.066	0.083	0.130	0.185	0.210	0	0	0.00%
S14	TOT. ZN	ug/L	105	08JUL2004 - 06JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S18C	DO	mg/L	8	05MAY2004 - 26APR2005	50	6.060	2.043	1.850	4.440	6.455	7.640	9.200	0	15	30.00%
S18C	FLDCOND.	UMHOS/CM	9	05MAY2004 - 26APR2005	49	548.776	68.140	500.000	515.000	523.000	572.000	952.000	0	0	0.00%
S18C	PH	UNITS	10	05MAY2004 - 26APR2005	50	7.687	0.350	6.870	7.360	7.820	7.960	8.240	0	0	0.00%
S18C	TURBIDITY	NTU	12	19MAY2004 - 19APR2005	16	1.450	0.601	0.500	0.950	1.350	2.050	2.400	0	0	0.00%
S18C	TSS	mg/L	16	19MAY2004 - 19APR2005	17	3.000	0.000	<3	<3	<3	<3	<3	17	0	0.00%
S18C	COLOR	UNITS	13	19MAY2004 - 19APR2005	16	14.938	6.005	7.000	10.500	12.500	20.000	26.000	0	0	0.00%
S18C	HARDNESS	mg/L CACO3	35	19MAY2004 - 19APR2005	19	213.842	9.946	197.000	208.000	211.000	216.000	242.000	0	0	0.00%
S18C	TEMP	CENT	7	05MAY2004 - 26APR2005	50	25.431	3.474	18.600	23.800	26.050	27.900	31.200	0	0	0.00%
S18C	ALKALINITY	mg/L	67	19MAY2004 - 19APR2005	17	197.353	7.524	176.000	195.000	198.000	202.000	211.000	0	0	0.00%
S18C	TN	mg N/L	80	19MAY2004 - 19APR2005	18	0.649	0.162	0.490	0.532	0.570	0.714	0.962	0	0	0.00%
S18C	NOX	mg N/L	18;180	19MAY2004 - 19APR2005	17	0.064	0.035	<0.004	0.055	0.064	0.076	0.160	2	0	0.00%
S18C	NO2	mg N/L	19	19MAY2004 - 19APR2005	16	0.005	0.002	<0.004	<0.004	0.004	0.006	0.012	7	0	0.00%
S18C	NO3	mg N/L	78	19MAY2004 - 19APR2005	15	0.059	0.034	<0.004	0.044	0.058	0.070	0.148	2	0	0.00%
S18C	NH4	mg N/L	20	19MAY2004 - 19APR2005	17	0.044	0.027	<0.009	0.015	0.052	0.073	0.079	2	0	0.00%
S18C	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2004 - 26APR2005	17	0.001	0.001	0.000	0.001	0.001	0.001	0.003	0	0	0.00%
S18C	NNH4	mg N/L	92	19MAY2004 - 19APR2005	17	0.108	0.054	<0.009	0.082	0.111	0.122	0.233	2	0	0.00%
S18C	ORGN	mg N/L	79	19MAY2004 - 19APR2005	17	0.549	0.179	0.377	0.418	0.469	0.710	0.889	0	0	0.00%
S18C	TKN	mg N/L	21	19MAY2004 - 19APR2005	18	0.589	0.164	0.450	0.470	0.505	0.710	0.900	0	0	0.00%
S18C	OPO4	mg P/L	23	19MAY2004 - 19APR2005	16	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	16	0	0.00%
S18C	ALKALINE PHOS	nM/minml	168	14JUL2004 - 22MAR2005	6	8.333	6.623	3.000	3.000	6.500	11.000	20.000	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
S18C	TP	mg P/L	25	05MAY2004 - 26APR2005	47	0.005	0.003	0.002	0.003	0.005	0.006	0.018	0	0	0.00%
S18C	DIS. CA	mg/L	30	19MAY2004 - 19APR2005	19	73.93684	2.54257	66.4	72.8	74.4	75.6	77.7	0	0	0.00%
S18C	DIS. K	mg/L	29	19MAY2004 - 19APR2005	17	3.847	1.174	2.500	3.200	3.700	4.000	7.800	0	0	0.00%
S18C	DIS. MG	mg/L	31	19MAY2004 - 19APR2005	19	7.105	2.438	5.000	5.300	5.900	8.400	14.700	0	0	0.00%
S18C	DIS. NA	mg/L	28	19MAY2004 - 19APR2005	17	32.265	17.219	22.600	23.300	27.000	34.800	95.400	0	0	0.00%
S18C	TOT. CL	mg/L	32	19MAY2004 - 19APR2005	17	50.518	29.365	35.100	37.200	42.400	52.900	160.000	0	0	0.00%
S18C	TOT. SO4	mg/L	33	14JUL2004 - 20OCT2004	4	8.375	1.996	5.900	6.950	8.450	9.800	10.700	0	0	0.00%
S18C	DIS. SILICA	mg/L	27	14JUL2004 - 20OCT2004	4	5.840	0.859	5.010	5.190	5.690	6.490	6.970	0	0	0.00%
S18C	TOT. FE	mg/L	177	14JUL2004 - 19APR2005	5	0.077	0.094	0.016	0.031	0.047	0.050	0.243	0	0	0.00%
S18C	TOT. CD	ug/L	103	07JUL2004 - 03JAN2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S18C	TOT. CU	ug/L	104	07JUL2004 - 03JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S18C	TOT. MTHY HG	ng/L	203	12OCT2004 - 13APR2005	3	0.038	0.026	0.023	0.023	0.024	0.068	0.068	0	0	0.00%
S18C	TOT. ZN	ug/L	105	07JUL2004 - 03JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S18C	CAROTENOID	mg/m3	63	19MAY2004 - 19APR2005	9	1.667	1.414	<1	<1	<1	1.000	5.000	5	0	0.00%
S18C	CHLA	mg/m3	61	19MAY2004 - 19APR2005	9	2.222	1.716	<1	1.000	2.000	2.000	6.000	2	0	0.00%
S18C	CHLA2	mg/m3	112	19MAY2004 - 19APR2005	9	2.556	1.944	<1	1.000	2.000	3.000	7.000	2	0	0.00%
S18C	CHLB	mg/m3	62	19MAY2004 - 19APR2005	9	1.000	0.000	<1	<1	<1	<1	<1	9	0	0.00%
S18C	CHLC	mg/m3	113	19MAY2004 - 19APR2005	9	1.000	0.000	<1	<1	<1	<1	<1	9	0	0.00%
S18C	PHEOPHYTIN A	mg/m3	64	19MAY2004 - 19APR2005	9	1.000	0.000	<1	<1	<1	<1	<1	9	0	0.00%
S18CAuto	TN	mg N/L	80	25JAN2005 - 01MAR2005	4	0.891	0.238	0.564	0.720	0.945	1.062	1.110	0	0	0.00%
S18CAuto	NOX	mg N/L	18;180	25JAN2005 - 01MAR2005	4	0.098	0.028	0.070	0.078	0.095	0.119	0.134	0	0	0.00%
S18CAuto	NH4	mg N/L	20	01FEB2005 - 01MAR2005	3	0.106	0.045	0.078	0.078	0.082	0.157	0.157	0	0	0.00%
S18CAuto	NNH4	mg N/L	92	01FEB2005 - 01MAR2005	3	0.192	0.047	0.148	0.148	0.186	0.242	0.242	0	0	0.00%
S18CAuto	ORGN	mg N/L	79	01FEB2005 - 01MAR2005	3	0.808	0.165	0.633	0.633	0.828	0.962	0.962	0	0	0.00%
S18CAuto	TKN	mg N/L	21	25JAN2005 - 01MAR2005	4	0.793	0.262	0.430	0.610	0.850	0.975	1.040	0	0	0.00%
S18CAuto	TP	mg P/L	25	18AUG2004 - 01MAR2005	22	0.007	0.004	0.003	0.004	0.006	0.009	0.020	0	0	0.00%
S140	DO	mg/L	8	04MAY2004 - 26APR2005	49	4.823	2.532	0.860	2.380	5.420	6.980	9.250	0	22	44.90%
S140	FLDCOND.	UMHOS/CM	9	04MAY2004 - 26APR2005	52	635.710	164.166	293.000	534.500	684.500	744.000	872.000	0	0	0.00%
S140	PH	UNITS	10	04MAY2004 - 26APR2005	52	7.595	0.314	6.710	7.400	7.620	7.815	8.190	0	0	0.00%
S140	TURBIDITY	NTU	12	25MAY2004 - 26APR2005	16	2.063	0.761	0.800	1.550	1.950	2.650	3.400	0	0	0.00%
S140	TSS	mg/L	16	25MAY2004 - 26APR2005	16	3.125	0.342	<3	<3	<3	<3	4.000	14	0	0.00%
S140	COLOR	UNITS	13	25MAY2004 - 26APR2005	16	80.188	22.877	49.000	66.500	70.000	96.000	135.000	0	0	0.00%
S140	HARDNESS	mg/L CACO3	35	06JUL2004 - 26APR2005	8	214.625	33.500	161.000	189.500	216.500	247.000	250.000	0	0	0.00%
S140	TEMP	CENT	7	04MAY2004 - 26APR2005	52	24.588	3.755	16.700	21.650	25.250	27.950	29.300	0	0	0.00%
S140	ALKALINITY	mg/L	67	25MAY2004 - 26APR2005	17	189.706	36.091	129.000	153.000	195.000	222.000	232.000	0	0	0.00%
S140	TN	mg N/L	80	25MAY2004 - 26APR2005	17	1.288	0.112	1.147	1.210	1.292	1.321	1.618	0	0	0.00%
S140	NOX	mg N/L	18;180	25MAY2004 - 26APR2005	16	0.040	0.036	<0.004	0.013	0.028	0.056	0.114	3	0	0.00%
S140	NO2	mg N/L	19	25MAY2004 - 26APR2005	16	0.005	0.001	<0.004	0.000	0.005	0.006	0.007	4	0	0.00%
S140	NO3	mg N/L	78	25MAY2004 - 26APR2005	15	0.036	0.035	<0.004	0.010	0.022	0.055	0.107	3	0	0.00%
S140	NH4	mg N/L	20	25MAY2004 - 26APR2005	17	0.073	0.044	<0.009	0.047	0.079	0.108	0.150	3	0	0.00%
S140	UN-IONIZED AMMONIA	mg/L	NONE	04MAY2004 - 26APR2005	17	0.002	0.001	0.000	0.001	0.002	0.003	0.004	0	0	0.00%
S140	NNH4	mg N/L	92	25MAY2004 - 26APR2005	16	0.112	0.068	<0.009	0.046	0.135	0.164	0.206	3	0	0.00%
S140	ORGN	mg N/L	79	25MAY2004 - 26APR2005	17	1.179	0.131	1.000	1.108	1.141	1.250	1.482	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S140	TKN	mg N/L	21	25MAY2004 - 26APR2005	17	1.251	0.115	1.120	1.200	1.220	1.280	1.590	0	0	0.00%
S140	OPO4	mg P/L	23	25MAY2004 - 26APR2005	16	0.018	0.015	<0.004	0.008	0.013	0.022	0.062	1	0	0.00%
S140	TP	mg P/L	25	04MAY2004 - 26APR2005	51	0.038	0.016	0.020	0.029	0.031	0.043	0.088	0	0	0.00%
S140	DIS. CA	mg/L	30	06JUL2004 - 26APR2005	8	75.850	10.663	58.100	67.850	77.350	85.550	87.200	0	0	0.00%
S140	DIS. K	mg/L	29	06JUL2004 - 26APR2005	6	3.717	1.165	2.200	2.900	3.750	4.600	5.100	0	0	0.00%
S140	DIS. MG	mg/L	31	06JUL2004 - 26APR2005	8	6.150	1.750	3.900	4.600	6.000	7.850	8.400	0	0	0.00%
S140	DIS. NA	mg/L	28	06JUL2004 - 26APR2005	6	38.967	15.542	18.400	24.700	40.200	52.200	58.100	0	0	0.00%
S140	TOT. CL	mg/L	32	25MAY2004 - 26APR2005	17	53.288	28.380	22.600	24.700	50.600	76.000	115.000	0	0	0.00%
S140	TOT. SO4	mg/L	33	06JUL2004 - 26APR2005	6	13.050	6.811	4.700	8.000	12.350	18.500	22.400	0	0	0.00%
S140	DIS. SILICA	mg/L	27	06JUL2004 - 26APR2005	6	7.528	1.029	6.430	6.610	7.425	8.030	9.250	0	0	0.00%
S140	TOT. FE	mg/L	177	06JUL2004 - 26APR2005	6	0.182	0.075	0.087	0.095	0.201	0.251	0.259	0	0	0.00%
S140	TOT. CD	ug/L	103	17AUG2004 - 09FEB2005	2	0.350	0.071	<0.3	<0.3	0.050	0.400	0.400	1	0	0.00%
S140	TOT. CU	ug/L	104	17AUG2004 - 09FEB2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S140	TOT. MTHY HG	ng/L	203	25MAY2004 - 09FEB2005	4	0.165	0.146	0.074	0.075	0.103	0.255	0.380	0	0	0.00%
S140	TOT. ZN	ug/L	105	17AUG2004 - 09FEB2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S140Auto	TP	mg P/L	25	08JUN2004 - 19APR2005	31	0.042	0.012	0.027	0.032	0.039	0.050	0.077	0	0	0.00%
S175	DO	mg/L	8	05MAY2004 - 19APR2005	26	4.289	2.002	0.230	2.730	4.545	6.410	7.000	0	15	57.69%
S175	FLDCOND.	UMHOS/CM	9	05MAY2004 - 19APR2005	25	544.552	85.428	399.000	482.000	521.000	591.500	764.000	0	0	0.00%
S175	PH	UNITS	10	05MAY2004 - 19APR2005	26	7.463	0.283	6.880	7.290	7.460	7.680	7.940	0	0	0.00%
S175	TURBIDITY	NTU	12	05MAY2004 - 19APR2005	13	3.031	3.301	0.700	1.400	1.900	2.400	10.900	0	0	0.00%
S175	TSS	mg/L	16	05MAY2004 - 19APR2005	13	3.385	1.121	<3	<3	<3	<3	7.000	11	0	0.00%
S175	COLOR	UNITS	13	05MAY2004 - 19APR2005	13	24.462	14.813	12.000	13.000	17.000	31.000	62.000	0	0	0.00%
S175	HARDNESS	mg/L CACO3	35	05MAY2004 - 19APR2005	15	214.733	19.550	175.000	202.000	209.000	230.000	250.000	0	0	0.00%
S175	TEMP	CENT	7	05MAY2004 - 19APR2005	26	25.242	3.138	18.900	23.100	26.400	27.300	30.100	0	0	0.00%
S175	ALKALINITY	mg/L	67	05MAY2004 - 19APR2005	13	201.769	18.669	163.000	193.000	194.000	217.000	230.000	0	0	0.00%
S175	TN	mg N/L	80	05MAY2004 - 19APR2005	14	0.863	0.401	0.480	0.530	0.623	1.226	1.636	0	0	0.00%
S175	NOX	mg N/L	18;180	05MAY2004 - 19APR2005	11	0.052	0.042	0.010	0.016	0.041	0.097	0.138	0	0	0.00%
S175	NO2	mg N/L	19	05MAY2004 - 19APR2005	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	10	0	0.00%
S175	NO3	mg N/L	78	05MAY2004 - 19APR2005	11	0.051545	0.0416	0.01	0.016	0.041	0.097	0.134	0	0	0.00%
S175	NH4	mg N/L	20	05MAY2004 - 19APR2005	13	0.090	0.055	0.034	0.055	0.062	0.114	0.218	0	0	0.00%
S175	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2004 - 19APR2005	13	0.002	0.001	0.000	0.001	0.002	0.003	0.004	0	0	0.00%
S175	NNH4	mg N/L	92	05MAY2004 - 19APR2005	11	0.149	0.074	0.065	0.079	0.138	0.171	0.316	0	0	0.00%
S175	ORGN	mg N/L	79	05MAY2004 - 19APR2005	13	0.750	0.378	0.422	0.465	0.501	1.088	1.518	0	0	0.00%
S175	TKN	mg N/L	21	05MAY2004 - 19APR2005	14	0.822	0.376	0.480	0.520	0.580	1.210	1.580	0	0	0.00%
S175	OPO4	mg P/L	23	05MAY2004 - 19APR2005	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	05MAY2004 - 19APR2005	10	16.9	15.7017	3.00E+00	6	9	28	44	0	0	0.00%
S175	TP	mg P/L	25	05MAY2004 - 19APR2005	26	0.009	0.005	0.003	0.005	0.009	0.012	0.028	0	0	0.00%
S175	DIS. CA	mg/L	30	05MAY2004 - 19APR2005	15	74.227	4.644	64.100	72.100	73.400	78.400	81.300	0	0	0.00%
S175	DIS. K	mg/L	29	05MAY2004 - 19APR2005	13	2.062	1.071	1.000	1.400	1.800	2.300	4.900	0	0	0.00%
S175	DIS. MG	mg/L	31	05MAY2004 - 19APR2005	15	7.160	3.703	3.600	4.600	5.600	9.300	17.600	0	0	0.00%
S175	DIS. NA	mg/L	28	05MAY2004 - 19APR2005	13	29.938	12.188	16.500	21.900	25.500	35.800	61.000	0	0	0.00%
S175	TOT. CL	mg/L	32	05MAY2004 - 19APR2005	13	40.685	12.958	21.800	31.500	38.100	51.700	62.800	0	0	0.00%
S175	TOT. SO4	mg/L	33	14JUL2004 - 20OCT2004	3	3.167	1.680	1.700	1.700	2.800	5.000	5.000	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	DIS. SILICA	mg/L	27	14JUL2004 - 20OCT2004	3	5.933	1.210	4.740	4.740	5.900	7.160	7.160	0	0	0.00%
S175	TOT. FE	mg/L	177	14JUL2004 - 19APR2005	5	0.294	0.313	0.066	0.082	0.234	0.257	0.833	0	0	0.00%
S175	TOT. CD	ug/L	103	07JUL2004 - 03JAN2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S175	TOT. CU	ug/L	104	07JUL2004 - 03JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S175	TOT. MTHY HG	ng/L	203	07JUL2004 - 13APR2005	4	0.066	0.030	0.042	0.046	0.057	0.087	0.110	0	0	0.00%
S175	TOT. ZN	ug/L	105	07JUL2004 - 03JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S175	CAROTENOID	mg/m3	63	05MAY2004 - 19APR2005	11	2.636	2.248	<1	1.000	2.000	3.000	9.000	1	0	0.00%
S175	CHLA	mg/m3	61	05MAY2004 - 19APR2005	11	4.636	4.130	<1	2.000	3.000	6.000	15.000	1	0	0.00%
S175	CHLA2	mg/m3	112	05MAY2004 - 19APR2005	11	4.091	3.239	<1	2.000	3.000	5.000	12.000	1	0	0.00%
S175	CHLB	mg/m3	62	05MAY2004 - 19APR2005	11	1.000	0.000	<1	<1	<1	<1	<1	11	0	0.00%
S175	CHLC	mg/m3	113	05MAY2004 - 19APR2005	11	1.000	0.000	<1	<1	<1	<1	<1	11	0	0.00%
S175	PHEOPHYTIN A	mg/m3	64	05MAY2004 - 19APR2005	11	1.364	1.206	<1	<1	<1	<1	5.000	9	0	0.00%
S190	DO	mg/L	8	05MAY2004 - 14APR2005	21	5.454	2.969	1.560	2.540	6.350	8.080	9.310	0	9	42.86%
S190	FLDCOND.	UMHOS/CM	9	05MAY2004 - 14APR2005	21	468.571	80.552	344.000	415.000	467.000	518.000	597.000	0	0	0.00%
S190	PH	UNITS	10	05MAY2004 - 14APR2005	21	7.588	0.422	7.030	7.170	7.700	8.010	8.230	0	0	0.00%
S190	TURBIDITY	NTU	12	25MAY2004 - 14APR2005	15	2.173	0.871	1.100	1.400	1.900	2.700	3.800	0	0	0.00%
S190	TSS	mg/L	16	25MAY2004 - 14APR2005	15	3.267	0.594	<3	<3	<3	3.000	5.000	10	0	0.00%
S190	COLOR	UNITS	13	25MAY2004 - 14APR2005	15	72.46667	33.7255	33	45	58	108	136	0	0	0.00%
S190	HARDNESS	mg/L CACO3	35	21JUN2004 - 15MAR2005	7	219.571	31.511	152.000	219.000	231.000	233.000	250.000	0	0	0.00%
S190	TEMP	CENT	7	05MAY2004 - 14APR2005	21	26.571	3.780	18.200	24.800	27.300	28.900	32.200	0	0	0.00%
S190	ALKALINITY	mg/L	67	25MAY2004 - 14APR2005	14	193.714	32.097	136.000	186.000	200.500	213.000	232.000	0	0	0.00%
S190	TN	mg N/L	80	25MAY2004 - 14APR2005	15	1.121	0.104	0.976	0.994	1.157	1.203	1.280	0	0	0.00%
S190	NOX	mg N/L	18;180	25MAY2004 - 14APR2005	14	0.025	0.022	<0.004	<0.004	0.017	0.046	0.070	4	0	0.00%
S190	NO2	mg N/L	19	25MAY2004 - 14APR2005	15	0.006	0.002	<0.004	<0.004	0.004	0.007	0.011	7	0	0.00%
S190	NO3	mg N/L	78	25MAY2004 - 14APR2005	14	0.021	0.019	<0.004	<0.004	0.013	0.036	0.059	4	0	0.00%
S190	NH4	mg N/L	20	25MAY2004 - 14APR2005	14	0.040	0.037	<0.009	<0.009	0.020	0.069	0.102	5	0	0.00%
S190	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2004 - 14APR2005	14	0.001	0.000	0.000	0.001	0.001	0.001	0.002	0	0	0.00%
S190	NNH4	mg N/L	92	25MAY2004 - 14APR2005	14	0.062	0.058	<0.009	0.004	0.047	0.116	0.166	3	0	0.00%
S190	ORGN	mg N/L	79	25MAY2004 - 14APR2005	14	1.054	0.106	0.896	0.990	1.033	1.106	1.280	0	0	0.00%
S190	TKN	mg N/L	21	25MAY2004 - 14APR2005	15	1.099	0.107	0.930	0.990	1.120	1.170	1.280	0	0	0.00%
S190	OPO4	mg P/L	23	25MAY2004 - 14APR2005	15	0.028	0.030	<0.004	<0.004	0.017	0.055	0.087	4	0	0.00%
S190	TP	mg P/L	25	05MAY2004 - 14APR2005	20	0.051	0.030	0.020	0.031	0.035	0.074	0.115	0	0	0.00%
S190	DIS. CA	mg/L	30	21JUN2004 - 15MAR2005	7	77.129	10.865	53.800	76.800	79.400	83.300	87.100	0	0	0.00%
S190	DIS. K	mg/L	29	21JUN2004 - 15MAR2005	5	2.680	0.545	2.000	2.200	2.900	3.100	3.200	0	0	0.00%
S190	DIS. MG	mg/L	31	21JUN2004 - 15MAR2005	7	6.571	1.258	4.300	5.900	6.600	7.900	7.900	0	0	0.00%
S190	DIS. NA	mg/L	28	21JUN2004 - 15MAR2005	5	26.640	4.549	21.500	23.600	25.300	31.400	31.400	0	0	0.00%
S190	TOT. CL	mg/L	32	25MAY2004 - 14APR2005	14	33.800	9.445	17.400	27.400	34.000	43.000	46.400	0	0	0.00%
S190	TOT. SO4	mg/L	33	21JUN2004 - 15MAR2005	6	7.450	2.427	5.000	5.500	6.650	10.200	10.700	0	0	0.00%
S190	DIS. SILICA	mg/L	27	21JUN2004 - 15MAR2005	6	6.510	3.278	0.640	5.270	7.395	8.760	9.600	0	0	0.00%
S190	TOT. FE	mg/L	177	21JUN2004 - 15MAR2005	5	0.134	0.074	0.057	0.077	0.132	0.160	0.244	0	0	0.00%
S190	TOT. CD	ug/L	103	17AUG2004 - 09FEB2005	2	0.300	0.000	<0.3	<0.3	0.000	0.300	0.300	1	0	0.00%
S190	TOT. CU	ug/L	104	17AUG2004 - 09FEB2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S190	TOT. ZN	ug/L	105	17AUG2004 - 09FEB2005	2	4.000	0.000	<4	<4	<4	<4	<4	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
S190Auto	DO	mg/L	8	03JUN2004 - 03JUN2004	1	6.230		6.230	6.230	6.230	6.230	6.230	0	0	0.00%
S190Auto	FLDCOND.	UMHOS/CM	9	03JUN2004 - 03JUN2004	1	396.000		396.000	396.000	396.000	396.000	396.000	0	0	0.00%
S190Auto	PH	UNITS	10	03JUN2004 - 03JUN2004	1	7.540		7.540	7.540	7.540	7.540	7.540	0	0	0.00%
S190Auto	TEMP	CENT	7	03JUN2004 - 03JUN2004	1	29.600		29.600	29.600	29.600	29.600	29.600	0	0	0.00%
S190Auto	TP	mg P/L	25	17AUG2004 - 30MAR2005	15	0.083	0.037	0.030	0.051	0.084	0.114	0.162	0	0	0.00%
S332	DO	mg/L	8	05MAY2004 - 19APR2005	26	4.109	1.558	1.290	2.810	3.755	5.480	6.470	0	17	65.38%
S332	FLDCOND.	UMHOS/CM	9	05MAY2004 - 19APR2005	25	547.972	88.826	413.000	481.000	525.000	594.000	750.000	0	0	0.00%
S332	PH	UNITS	10	05MAY2004 - 19APR2005	26	7.456	0.262	6.970	7.260	7.480	7.680	7.900	0	0	0.00%
S332	TURBIDITY	NTU	12	05MAY2004 - 05APR2005	11	2.245	0.719	0.900	1.700	2.300	2.600	3.500	0	0	0.00%
S332	TSS	mg/L	16	05MAY2004 - 05APR2005	12	3.000	0.000	<3	<3	<3	<3	<3	12	0	0.00%
S332	COLOR	UNITS	13	05MAY2004 - 05APR2005	11	24.364	12.315	11.000	14.000	20.000	36.000	50.000	0	0	0.00%
S332	HARDNESS	mg/L CACO3	35	05MAY2004 - 05APR2005	14	220.643	21.309	195.000	204.000	215.500	236.000	264.000	0	0	0.00%
S332	TEMP	CENT	7	05MAY2004 - 19APR2005	26	25.7	3.35261	18.8	23.7	26.45	27.9	30.2	0	0	0.00%
S332	ALKALINITY	mg/L	67	05MAY2004 - 05APR2005	11	203.909	19.217	179.000	189.000	194.000	224.000	231.000	0	0	0.00%
S332	TN	mg N/L	80	05MAY2004 - 19APR2005	14	0.909	0.385	0.490	0.566	0.777	1.289	1.510	0	0	0.00%
S332	NOX	mg N/L	18;180	05MAY2004 - 05APR2005	10	0.071	0.052	0.019	0.030	0.047	0.119	0.161	0	0	0.00%
S332	NO2	mg N/L	19	05MAY2004 - 05APR2005	11	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	9	0	0.00%
S332	NO3	mg N/L	78	05MAY2004 - 05APR2005	9	0.064	0.050	0.019	0.030	0.042	0.099	0.156	0	0	0.00%
S332	NH4	mg N/L	20	05MAY2004 - 05APR2005	12	0.088	0.048	0.037	0.053	0.078	0.110	0.208	0	0	0.00%
S332	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2004 - 19APR2005	12	0.002	0.001	0.000	0.001	0.002	0.003	0.004	0	0	0.00%
S332	NNH4	mg N/L	92	05MAY2004 - 05APR2005	10	0.163	0.085	0.061	0.108	0.148	0.220	0.336	0	0	0.00%
S332	ORGN	mg N/L	79	05MAY2004 - 05APR2005	12	0.739	0.311	0.425	0.460	0.661	1.020	1.214	0	0	0.00%
S332	TKN	mg N/L	21	05MAY2004 - 19APR2005	14	0.859	0.354	0.470	0.550	0.735	1.170	1.510	0	0	0.00%
S332	OPO4	mg P/L	23	05MAY2004 - 05APR2005	11	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	11	0	0.00%
S332	ALKALINE PHOS	nM/minml	168	05MAY2004 - 05APR2005	8	14.750	11.634	5.000	5.500	10.500	24.000	33.000	0	0	0.00%
S332	TP	mg P/L	25	05MAY2004 - 19APR2005	26	0.008	0.004	0.003	0.004	0.007	0.011	0.015	0	0	0.00%
S332	DIS. CA	mg/L	30	05MAY2004 - 05APR2005	14	75.793	4.446	67.000	73.300	75.800	79.600	83.100	0	0	0.00%
S332	DIS. K	mg/L	29	05MAY2004 - 05APR2005	12	2.117	0.914	1.000	1.450	1.850	2.600	4.200	0	0	0.00%
S332	DIS. MG	mg/L	31	05MAY2004 - 05APR2005	14	7.629	3.283	4.100	5.100	6.900	9.000	15.500	0	0	0.00%
S332	DIS. NA	mg/L	28	05MAY2004 - 05APR2005	12	30.825	10.010	19.100	22.600	27.850	37.450	51.600	0	0	0.00%
S332	TOT. CL	mg/L	32	05MAY2004 - 05APR2005	12	40.850	17.188	<0.1	33.700	39.700	53.350	65.500	1	0	0.00%
S332	TOT. SO4	mg/L	33	14JUL2004 - 06OCT2004	2	5.100	3.394	2.700	2.700	5.100	7.500	7.500	0	0	0.00%
S332	DIS. SILICA	mg/L	27	14JUL2004 - 06OCT2004	2	6.815	1.181	5.980	5.980	6.815	7.650	7.650	0	0	0.00%
S332	TOT. FE	mg/L	177	14JUL2004 - 05APR2005	4	0.230	0.173	0.065	0.091	0.205	0.369	0.445	0	0	0.00%
S332	TOT. CD	ug/L	103	07JUL2004 - 03JAN2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S332	TOT. CU	ug/L	104	07JUL2004 - 03JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S332	TOT. MTHY HG	ng/L	203	07JUL2004 - 13APR2005	4	0.076	0.036	0.052	0.054	0.062	0.099	0.130	0	0	0.00%
S332	TOT. ZN	ug/L	105	07JUL2004 - 03JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332	CAROTENOID	mg/m3	63	05MAY2004 - 05APR2005	10	2.500	1.650	<1	<1	2.000	4.000	5.000	3	0	0.00%
S332	CHLA	mg/m3	61	05MAY2004 - 05APR2005	10	3.700	2.710	<1	<1	3.000	7.000	8.000	3	0	0.00%
S332	CHLA2	mg/m3	112	05MAY2004 - 05APR2005	10	3.300	2.452	<1	1.000	2.500	6.000	7.000	1	0	0.00%
S332	CHLB	mg/m3	62	05MAY2004 - 05APR2005	10	1.000	0.000	<1	<1	<1	<1	1.000	9	0	0.00%
S332	CHLC	mg/m3	113	05MAY2004 - 05APR2005	10	1.200	0.632	<1	<1	<1	<1	3.000	9	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	PHEOPHYTIN A	mg/m3	64	05MAY2004 - 05APR2005	10	1.100	0.316	<1	<1	<1	<1	2.000	8	0	0.00%
S38B	DO	mg/L	8	25OCT2004 - 31JAN2005	2	2.105	1.266	1.210	1.210	2.105	3.000	3.000	0	2	100.00%
S38B	FLDCOND.	UMHOS/CM	9	25OCT2004 - 31JAN2005	2	594.500	279.307	397.000	397.000	594.500	792.000	792.000	0	0	0.00%
S38B	PH	UNITS	10	25OCT2004 - 31JAN2005	2	7.345	0.205	7.200	7.200	7.345	7.490	7.490	0	0	0.00%
S38B	TURBIDITY	NTU	12	25OCT2004 - 31JAN2005	2	2.500	0.849	1.900	1.900	2.500	3.100	3.100	0	0	0.00%
S38B	TSS	mg/L	16	25OCT2004 - 31JAN2005	2	3.000	0.000	<3	<3	<3	<3	<3	2	0	0.00%
S38B	COLOR	UNITS	13	25OCT2004 - 31JAN2005	2	106.500	24.749	89.000	89.000	106.500	124.000	124.000	0	0	0.00%
S38B	HARDNESS	mg/L CACO3	35	18AUG2004 - 10FEB2005	4	196.500	50.718	125.000	160.500	213.000	232.500	235.000	0	0	0.00%
S38B	TEMP	CENT	7	25OCT2004 - 31JAN2005	2	20.800	5.940	16.600	16.600	20.800	25.000	25.000	0	0	0.00%
S38B	ALKALINITY	mg/L	67	25OCT2004 - 31JAN2005	2	157.500	70.004	108.000	108.000	157.500	207.000	207.000	0	0	0.00%
S38B	TN	mg N/L	80	25OCT2004 - 31JAN2005	2	1.530	0.099	1.460	1.460	1.530	1.600	1.600	0	0	0.00%
S38B	NOX	mg N/L	18;180	31JAN2005 - 31JAN2005	1	0.010		0.010	0.010	0.010	0.010	0.010	0	0	0.00%
S38B	NO2	mg N/L	19	25OCT2004 - 31JAN2005	2	0.004	0.000	<0.004	<0.004	0.000	0.004	0.004	1	0	0.00%
S38B	NO3	mg N/L	78	31JAN2005 - 31JAN2005	1	0.010		0.010	0.010	0.010	0.010	0.010	0	0	0.00%
S38B	NH4	mg N/L	20	25OCT2004 - 31JAN2005	2	0.011	0.002	<0.009	<0.009	0.002	0.012	0.012	1	0	0.00%
S38B	UN-IONIZED AMMONIA	mg/L	NONE	18AUG2004 - 10FEB2005	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S38B	NNH4	mg N/L	92	31JAN2005 - 31JAN2005	1	0.022		0.022	0.022	0.022	0.022	0.022	0	0	0.00%
S38B	ORGN	mg N/L	79	25OCT2004 - 31JAN2005	2	1.519	0.083	1.460	1.460	1.519	1.578	1.578	0	0	0.00%
S38B	TKN	mg N/L	21	25OCT2004 - 31JAN2005	2	1.525	0.092	1.460	1.460	1.525	1.590	1.590	0	0	0.00%
S38B	OPO4	mg P/L	23	25OCT2004 - 31JAN2005	2	0.010	0.006	0.005	0.005	0.010	0.014	0.014	0	0	0.00%
S38B	TP	mg P/L	25	25OCT2004 - 31JAN2005	2	0.040	0.018	0.027	0.027	0.040	0.053	0.053	0	0	0.00%
S38B	DIS. CA	mg/L	30	18AUG2004 - 10FEB2005	4	63.300	19.898	36.500	49.750	66.350	76.850	84.000	0	0	0.00%
S38B	DIS. K	mg/L	29	25OCT2004 - 31JAN2005	2	5.200	1.556	4.100	4.100	5.200	6.300	6.300	0	0	0.00%
S38B	DIS. MG	mg/L	31	18AUG2004 - 10FEB2005	4	9.350	5.692	5.400	5.750	7.150	12.950	17.700	0	0	0.00%
S38B	DIS. NA	mg/L	28	25OCT2004 - 31JAN2005	2	50.950	30.052	29.700	29.700	50.950	72.200	72.200	0	0	0.00%
S38B	TOT. CL	mg/L	32	25OCT2004 - 31JAN2005	2	73.050	42.356	43.100	43.100	73.050	103.000	103.000	0	0	0.00%
S38B	TOT. SO4	mg/L	33	25OCT2004 - 31JAN2005	2	19.400	10.607	11.900	11.900	19.400	26.900	26.900	0	0	0.00%
S38B	DIS. SILICA	mg/L	27	25OCT2004 - 31JAN2005	2	11.330	2.079	9.860	9.860	11.330	12.800	12.800	0	0	0.00%
S38B	TOT. FE	mg/L	177	25OCT2004 - 31JAN2005	2	0.131	0.089	0.068	0.068	0.131	0.194	0.194	0	0	0.00%
S38B	TOT. CD	ug/L	103	18AUG2004 - 10FEB2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S38B	TOT. CU	ug/L	104	18AUG2004 - 10FEB2005	2	1.2	0	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S38B	TOT. MTHY HG	ng/L	203	26MAY2004 - 10FEB2005	4	0.116	0.047	0.053	0.082	0.125	0.150	0.160	0	0	0.00%
S38B	TOT. ZN	ug/L	105	18AUG2004 - 10FEB2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
NSIDSP01	DO	mg/L	8	19JUL2004 - 25APR2005	12	8.838	1.371	6.880	8.125	8.780	9.505	12.000	0	0	0.00%
NSIDSP01	FLDCOND.	UMHOS/CM	9	19JUL2004 - 25APR2005	12	647.750	36.601	548.000	636.000	654.000	674.500	681.000	0	0	0.00%
NSIDSP01	PH	UNITS	10	19JUL2004 - 25APR2005	12	8.071	0.132	7.840	8.010	8.095	8.175	8.240	0	0	0.00%
NSIDSP01	TURBIDITY	NTU	12	19JUL2004 - 25OCT2004	3	3.700	0.200	3.500	3.500	3.700	3.900	3.900	0	0	0.00%
NSIDSP01	TSS	mg/L	16	19JUL2004 - 25OCT2004	3	4.667	0.577	4.000	4.000	5.000	5.000	5.000	0	0	0.00%
NSIDSP01	HARDNESS	mg/L CACO3	35	19JUL2004 - 25OCT2004	3	199.000	6.083	195.000	195.000	196.000	206.000	206.000	0	0	0.00%
NSIDSP01	TEMP	CENT	7	19JUL2004 - 25APR2005	12	23.650	3.907	19.400	20.100	23.200	26.600	29.900	0	0	0.00%
NSIDSP01	ALKALINITY	mg/L	67	19JUL2004 - 25OCT2004	3	164.333	6.506	158.000	158.000	164.000	171.000	171.000	0	0	0.00%
NSIDSP01	TN	mg N/L	80	19JUL2004 - 25OCT2004	3	0.995	0.042	0.949	0.949	1.006	1.030	1.030	0	0	0.00%
NSIDSP01	NOX	mg N/L	18;180	19JUL2004 - 25OCT2004	3	0.025	0.027	0.009	0.009	0.010	0.056	0.056	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
NSIDSP01	NH4	mg N/L	20	19JUL2004 - 25OCT2004	3	0.009	0.000	<0.009	<0.009	<0.009	<0.009	<0.009	3	0	0.00%
NSIDSP01	UN-IONIZED AMMONIA	mg/L	NONE	19JUL2004 - 25APR2005	3	0.000826	0.00029	0.000507	0.00051	0.0009122	0.0011	0.001057	0	0	0.00%
NSIDSP01	NNH4	mg N/L	92	19JUL2004 - 25OCT2004	3	0.025	0.027	0.009	0.009	0.010	0.056	0.056	0	0	0.00%
NSIDSP01	ORGN	mg N/L	79	19JUL2004 - 25OCT2004	3	0.970	0.044	0.940	0.940	0.950	1.020	1.020	0	0	0.00%
NSIDSP01	TKN	mg N/L	21	19JUL2004 - 25OCT2004	3	0.970	0.044	0.940	0.940	0.950	1.020	1.020	0	0	0.00%
NSIDSP01	OPO4	mg P/L	23	19JUL2004 - 25OCT2004	3	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	3	0	0.00%
NSIDSP01	TP	mg P/L	25	19JUL2004 - 25APR2005	12	0.020	0.003	0.016	0.018	0.019	0.021	0.026	0	0	0.00%
NSIDSP01	DIS. CA	mg/L	30	19JUL2004 - 25OCT2004	3	69.967	1.815	67.900	67.900	70.700	71.300	71.300	0	0	0.00%
NSIDSP01	DIS. MG	mg/L	31	19JUL2004 - 25OCT2004	3	5.800	1.609	4.000	4.000	6.300	7.100	7.100	0	0	0.00%
NSIDSP01	TOT. CL	mg/L	32	19JUL2004 - 25OCT2004	3	68.633	16.216	50.200	50.200	75.000	80.700	80.700	0	0	0.00%
NSIDSP01	TOT. CU	ug/L	104	19JUL2004 - 25OCT2004	3	1.767	0.493	<1.2	<1.2	2.000	2.100	2.100	1	0	0.00%
NSIDSP01	TP	mg P/L	25	13SEP2004 - 25OCT2004	3	0.020	0.007	0.013	0.013	0.020	0.026	0.026	0	0	0.00%
G64	DO	mg/L	8	19JUL2004 - 31JAN2005	3	5.060	1.719	3.230	3.230	5.310	6.640	6.640	0	1	33.33%
G64	FLDCOND.	UMHOS/CM	9	19JUL2004 - 31JAN2005	3	1019.333	115.292	889.000	889.000	1061.000	######	1108.000	0	0	0.00%
G64	PH	UNITS	10	19JUL2004 - 31JAN2005	3	7.863	0.148	7.700	7.700	7.900	7.990	7.990	0	0	0.00%
G64	TURBIDITY	NTU	12	19JUL2004 - 31JAN2005	3	2.933	2.485	1.400	1.400	1.600	5.800	5.800	0	0	0.00%
G64	TSS	mg/L	16	19JUL2004 - 31JAN2005	3	4.667	2.887	<3	<3	<3	8.000	8.000	2	0	0.00%
G64	COLOR	UNITS	13	19JUL2004 - 31JAN2005	3	85.000	20.518	64.000	64.000	86.000	105.000	105.000	0	0	0.00%
G64	HARDNESS	mg/L CACO3	35	19JUL2004 - 31JAN2005	3	340.333	24.338	314.000	314.000	345.000	362.000	362.000	0	0	0.00%
G64	TEMP	CENT	7	19JUL2004 - 31JAN2005	3	24.533	5.519	18.400	18.400	26.100	29.100	29.100	0	0	0.00%
G64	ALKALINITY	mg/L	67	19JUL2004 - 31JAN2005	3	287.000	21.794	262.000	262.000	297.000	302.000	302.000	0	0	0.00%
G64	TN	mg N/L	80	19JUL2004 - 31JAN2005	3	1.979	0.251	1.700	1.700	2.050	2.186	2.186	0	0	0.00%
G64	NOX	mg N/L	18;180	31JAN2005 - 31JAN2005	1	0.086		0.086	0.086	0.086	0.086	0.086	0	0	0.00%
G64	NO2	mg N/L	19	19JUL2004 - 31JAN2005	3	0.004	0.001	0.004	0.004	0.004	0.005	0.005	0	0	0.00%
G64	NO3	mg N/L	78	31JAN2005 - 31JAN2005	1	0.081		0.081	0.081	0.081	0.081	0.081	0	0	0.00%
G64	NH4	mg N/L	20	25OCT2004 - 31JAN2005	2	0.028	0.008	0.022	0.022	0.028	0.034	0.034	0	0	0.00%
G64	UN-IONIZED AMMONIA	mg/L	NONE	19JUL2004 - 31JAN2005	2	0.000987	0.00024	0.00082	0.00082	0.000987	0.0012	0.001154	0	0	0.00%
G64	NNH4	mg N/L	92	31JAN2005 - 31JAN2005	1	0.120		0.120	0.120	0.120	0.120	0.120	0	0	0.00%
G64	ORGN	mg N/L	79	25OCT2004 - 31JAN2005	2	1.872	0.274	1.678	1.678	1.872	2.066	2.066	0	0	0.00%
G64	TKN	mg N/L	21	19JUL2004 - 31JAN2005	3	1.950	0.218	1.700	1.700	2.050	2.100	2.100	0	0	0.00%
G64	OPO4	mg P/L	23	19JUL2004 - 31JAN2005	3	0.005	0.001	0.004	0.004	0.005	0.006	0.006	0	0	0.00%
G64	TP	mg P/L	25	19JUL2004 - 31JAN2005	3	0.023	0.006	0.018	0.018	0.021	0.029	0.029	0	0	0.00%
G64	DIS. CA	mg/L	30	19JUL2004 - 31JAN2005	3	90.200	5.503	84.800	84.800	90.000	95.800	95.800	0	0	0.00%
G64	DIS. K	mg/L	29	19JUL2004 - 31JAN2005	3	7.167	0.404	6.800	6.800	7.100	7.600	7.600	0	0	0.00%
G64	DIS. MG	mg/L	31	19JUL2004 - 31JAN2005	3	27.900	2.778	24.700	24.700	29.300	29.700	29.700	0	0	0.00%
G64	DIS. NA	mg/L	28	19JUL2004 - 31JAN2005	3	81.367	16.848	62.400	62.400	87.100	94.600	94.600	0	0	0.00%
G64	TOT. CL	mg/L	32	19JUL2004 - 31JAN2005	3	123.100	27.062	94.300	94.300	127.000	148.000	148.000	0	0	0.00%
G64	TOT. SO4	mg/L	33	19JUL2004 - 31JAN2005	3	41.000	5.484	37.300	37.300	38.400	47.300	47.300	0	0	0.00%
G64	DIS. SILICA	mg/L	27	19JUL2004 - 31JAN2005	3	14.567	0.379	14.300	14.300	14.400	15.000	15.000	0	0	0.00%
S12D	DO	mg/L	8	03MAY2004 - 18APR2005	22	3.614	1.395	1.750	2.290	3.310	4.880	6.120	0	17	77.27%
S12D	FLDCOND.	UMHOS/CM	9	03MAY2004 - 18APR2005	21	495.424	172.175	240.000	356.000	446.000	673.000	812.100	0	0	0.00%
S12D	PH	UNITS	10	03MAY2004 - 18APR2005	22	7.235	0.134	7.010	7.130	7.230	7.310	7.500	0	0	0.00%
S12D	TURBIDITY	NTU	12	03MAY2004 - 18APR2005	18	1.389	0.803	0.600	0.700	1.100	2.100	3.400	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
S12D	TSS	mg/L	16	03MAY2004 - 18APR2005	18	3.222	0.732	<3	<3	<3	<3	6.000	15	0	0.00%
S12D	COLOR	UNITS	13	03MAY2004 - 18APR2005	18	51.611	26.124	21.000	26.000	43.000	71.000	93.000	0	0	0.00%
S12D	HARDNESS	mg/L CACO3	35	03MAY2004 - 18APR2005	18	187.222	46.793	112.000	143.000	204.000	222.000	271.000	0	0	0.00%
S12D	TEMP	CENT	7	03MAY2004 - 18APR2005	22	25.705	4.076	17.900	23.000	26.650	29.400	31.100	0	0	0.00%
S12D	ALKALINITY	mg/L	67	03MAY2004 - 18APR2005	18	164.444	34.425	104.000	130.000	179.000	190.000	220.000	0	0	0.00%
S12D	TN	mg N/L	80	03MAY2004 - 18APR2005	18	1.296	0.215	0.955	1.098	1.335	1.460	1.651	0	0	0.00%
S12D	NOX	mg N/L	18;180	03MAY2004 - 18APR2005	16	0.029	0.019	<0.004	0.016	0.022	0.044	0.071	1	0	0.00%
S12D	NO2	mg N/L	19	03MAY2004 - 18APR2005	17	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	10	0	0.00%
S12D	NO3	mg N/L	78	03MAY2004 - 18APR2005	15	0.026	0.017	<0.004	0.014	0.018	0.036	0.065	1	0	0.00%
S12D	NH4	mg N/L	20	03MAY2004 - 18APR2005	17	0.036	0.037	<0.009	0.015	0.026	0.038	0.169	1	0	0.00%
S12D	UN-IONIZED AMMONIA	mg/L	NONE	03MAY2004 - 18APR2005	17	0.000	0.001	0.000	0.000	0.000	0.001	0.003	0	0	0.00%
S12D	NNH4	mg N/L	92	03MAY2004 - 18APR2005	16	0.065	0.049	<0.009	0.038	0.057	0.081	0.217	1	0	0.00%
S12D	ORGN	mg N/L	79	03MAY2004 - 18APR2005	17	1.226	0.208	0.900	1.049	1.151	1.426	1.565	0	0	0.00%
S12D	TKN	mg N/L	21	03MAY2004 - 18APR2005	18	1.270	0.207	0.920	1.090	1.300	1.450	1.600	0	0	0.00%
S12D	OPO4	mg P/L	23	03MAY2004 - 18APR2005	17	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.007	11	0	0.00%
S12D	ALKALINE PHOS	nM/minml	168	03MAY2004 - 21MAR2005	11	7	2.82843	3	4	7	9	11	0	0	0.00%
S12D	TP	mg P/L	25	03MAY2004 - 18APR2005	22	0.015	0.009	0.005	0.009	0.013	0.017	0.036	0	0	0.00%
S12D	DIS. CA	mg/L	30	03MAY2004 - 18APR2005	18	58.211	9.535	39.800	50.100	60.650	64.000	74.900	0	0	0.00%
S12D	DIS. K	mg/L	29	03MAY2004 - 18APR2005	18	3.122	1.952	0.800	1.000	3.400	4.700	6.600	0	0	0.00%
S12D	DIS. MG	mg/L	31	03MAY2004 - 18APR2005	18	10.167	5.819	3.100	4.400	11.100	15.000	20.300	0	0	0.00%
S12D	DIS. NA	mg/L	28	03MAY2004 - 18APR2005	18	37.267	17.158	13.100	21.400	41.000	51.600	64.800	0	0	0.00%
S12D	TOT. CL	mg/L	32	03MAY2004 - 18APR2005	18	55.856	25.236	19.300	32.800	62.650	76.800	96.200	0	0	0.00%
S12D	TOT. SO4	mg/L	33	26JUL2004 - 18APR2005	6	11.533	13.219	0.100	0.300	7.300	25.300	28.900	0	0	0.00%
S12D	DIS. SILICA	mg/L	27	26JUL2004 - 18APR2005	5	11.344	5.763	5.290	5.330	12.600	16.700	16.800	0	0	0.00%
S12D	TOT. FE	mg/L	177	29NOV2004 - 18APR2005	4	0.089	0.043	0.033	0.062	0.093	0.116	0.137	0	0	0.00%
S12D	TOT. MTHY HG	ng/L	203	08JUL2004 - 13APR2005	4	0.210	0.070	0.110	0.165	0.230	0.255	0.270	0	0	0.00%
S12D	CAROTENOID	mg/m3	63	03MAY2004 - 24JAN2005	12	2.583	1.975	<1	0.000	2.000	3.000	7.000	3	0	0.00%
S12D	CHLA	mg/m3	61	03MAY2004 - 18APR2005	15	4.933	4.431	<1	2.000	3.000	6.000	16.000	1	0	0.00%
S12D	CHLA2	mg/m3	112	03MAY2004 - 18APR2005	15	4.333	3.958	1.000	2.000	2.000	6.000	14.000	0	0	0.00%
S12D	CHLB	mg/m3	62	03MAY2004 - 18APR2005	15	1.000	0.000	<1	<1	<1	<1	1.000	14	0	0.00%
S12D	CHLC	mg/m3	113	03MAY2004 - 18APR2005	15	1.000	0.000	<1	<1	<1	<1	1.000	14	0	0.00%
S12D	PHEOPHYTIN A	mg/m3	64	03MAY2004 - 18APR2005	15	1.267	0.594	<1	<1	<1	1.000	3.000	8	0	0.00%
S10E	DO	mg/L	8	24MAY2004 - 18JAN2005	9	5.448	1.609	3.240	4.400	5.070	6.170	7.960	0	4	44.44%
S10E	FLDCOND.	UMHOS/CM	9	24MAY2004 - 18JAN2005	9	826.111	172.875	658.000	693.000	813.000	887.000	1152.000	0	0	0.00%
S10E	PH	UNITS	10	24MAY2004 - 18JAN2005	9	7.550	0.391	7.010	7.200	7.630	7.810	8.110	0	0	0.00%
S10E	TURBIDITY	NTU	12	24MAY2004 - 18JAN2005	9	11.111	15.031	1.500	1.900	5.200	14.500	48.600	0	1	11.11%
S10E	TSS	mg/L	16	24MAY2004 - 18JAN2005	9	12.778	19.012	<3	<3	6.000	10.000	62.000	3	0	0.00%
S10E	COLOR	UNITS	13	24MAY2004 - 18JAN2005	9	108.000	37.653	69.000	76.000	89.000	147.000	162.000	0	0	0.00%
S10E	HARDNESS	mg/L CACO3	35	19JUL2004 - 18JAN2005	3	219.000	2.646	216.000	216.000	220.000	221.000	221.000	0	0	0.00%
S10E	TEMP	CENT	7	24MAY2004 - 18JAN2005	9	25.378	5.519	16.600	22.200	26.900	30.100	31.600	0	0	0.00%
S10E	ALKALINITY	mg/L	67	24MAY2004 - 18JAN2005	9	195.889	42.534	141.000	174.000	181.000	211.000	274.000	0	0	0.00%
S10E	TN	mg N/L	80	24MAY2004 - 18JAN2005	8	2.269	1.071	1.632	1.806	1.881	2.132	4.880	0	0	0.00%
S10E	NOX	mg N/L	18;180	24MAY2004 - 18JAN2005	8	0.259	0.491	0.012	0.026	0.047	0.232	1.450	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
S10E	NO2	mg N/L	19	24MAY2004 - 18JAN2005	9	0.037	0.077	0.004	0.008	0.012	0.016	0.241	0	0	0.00%
S10E	NO3	mg N/L	78	24MAY2004 - 18JAN2005	8	0.219	0.411	0.008	0.018	0.033	0.218	1.209	0	0	0.00%
S10E	NH4	mg N/L	20	24MAY2004 - 18JAN2005	8	0.064	0.037	0.033	0.034	0.049	0.092	0.130	0	0	0.00%
S10E	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 18JAN2005	8	0.002256	0.00207	0.000142	0.00075	0.0016914	0.0033	0.006336	0	0	0.00%
S10E	NNH4	mg N/L	92	24MAY2004 - 18JAN2005	8	0.323	0.520	0.045	0.061	0.127	0.290	1.580	0	0	0.00%
S10E	ORGN	mg N/L	79	24MAY2004 - 18JAN2005	8	1.946	0.582	1.496	1.597	1.785	2.005	3.300	0	0	0.00%
S10E	TKN	mg N/L	21	24MAY2004 - 18JAN2005	8	2.010	0.612	1.580	1.630	1.820	2.085	3.430	0	0	0.00%
S10E	OPO4	mg P/L	23	24MAY2004 - 18JAN2005	9	0.032	0.026	<0.004	0.009	0.025	0.045	0.080	1	0	0.00%
S10E	TP	mg P/L	25	24MAY2004 - 18JAN2005	8	0.072	0.047	0.032	0.040	0.056	0.092	0.171	0	0	0.00%
S10E	DIS. CA	mg/L	30	19JUL2004 - 18JAN2005	3	57.067	3.900	52.600	52.600	58.800	59.800	59.800	0	0	0.00%
S10E	DIS. K	mg/L	29	19JUL2004 - 18JAN2005	3	7.433	0.321	7.200	7.200	7.300	7.800	7.800	0	0	0.00%
S10E	DIS. MG	mg/L	31	19JUL2004 - 18JAN2005	3	18.600	2.862	16.800	16.800	17.100	21.900	21.900	0	0	0.00%
S10E	DIS. NA	mg/L	28	19JUL2004 - 18JAN2005	3	65.800	14.929	56.200	56.200	58.200	83.000	83.000	0	0	0.00%
S10E	TOT. CL	mg/L	32	24MAY2004 - 18JAN2005	9	104.789	22.695	82.100	84.600	100.000	121.000	142.000	0	0	0.00%
S10E	TOT. SO4	mg/L	33	19JUL2004 - 18JAN2005	3	49.633	16.520	39.600	39.600	40.600	68.700	68.700	0	0	0.00%
S10E	DIS. SILICA	mg/L	27	19JUL2004 - 18JAN2005	3	18.867	6.231	11.700	11.700	21.900	23.000	23.000	0	0	0.00%
S34	DO	mg/L	8	24MAY2004 - 25APR2005	18	4.475	1.593	1.530	3.040	4.305	5.710	7.480	0	13	72.22%
S34	FLDCOND.	UMHOS/CM	9	24MAY2004 - 25APR2005	18	957.056	79.886	800.000	903.000	953.000	######	1124.000	0	0	0.00%
S34	PH	UNITS	10	24MAY2004 - 25APR2005	18	7.694	0.147	7.450	7.610	7.690	7.770	8.000	0	0	0.00%
S34	TURBIDITY	NTU	12	24MAY2004 - 25APR2005	18	2.189	1.515	0.900	1.200	1.650	2.500	6.900	0	0	0.00%
S34	TSS	mg/L	16	24MAY2004 - 25APR2005	18	3.167	0.514	<3	<3	<3	<3	5.000	15	0	0.00%
S34	COLOR	UNITS	13	24MAY2004 - 25APR2005	18	89.611	18.535	57.000	71.000	92.000	106.000	118.000	0	0	0.00%
S34	TEMP	CENT	7	24MAY2004 - 25APR2005	18	23.750	4.403	17.100	19.400	23.800	26.900	30.200	0	0	0.00%
S34	ALKALINITY	mg/L	67	24MAY2004 - 25APR2005	18	261.222	33.952	213.000	239.000	258.000	278.000	338.000	0	0	0.00%
S34	TN	mg N/L	80	24MAY2004 - 25APR2005	17	2.059	0.219	1.780	1.858	2.074	2.203	2.576	0	0	0.00%
S34	NOX	mg N/L	18;180	24MAY2004 - 25APR2005	16	0.083	0.130	0.013	0.023	0.043	0.060	0.536	0	0	0.00%
S34	NO2	mg N/L	19	24MAY2004 - 25APR2005	18	0.009	0.009	<0.004	0.004	0.005	0.007	0.034	2	0	0.00%
S34	NO3	mg N/L	78	24MAY2004 - 25APR2005	16	0.074	0.122	0.011	0.019	0.038	0.055	0.506	0	0	0.00%
S34	NH4	mg N/L	20	24MAY2004 - 25APR2005	17	0.103	0.089	<0.009	0.058	0.082	0.105	0.398	1	0	0.00%
S34	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 25APR2005	17	0.004	0.004	0.000	0.002	0.003	0.003	0.016	0	0	0.00%
S34	NNH4	mg N/L	92	24MAY2004 - 25APR2005	16	0.188	0.174	0.023	0.096	0.127	0.156	0.622	0	0	0.00%
S34	ORGN	mg N/L	79	24MAY2004 - 25APR2005	17	1.878	0.181	1.628	1.752	1.909	2.004	2.142	0	0	0.00%
S34	TKN	mg N/L	21	24MAY2004 - 25APR2005	17	1.981	0.176	1.720	1.810	2.040	2.140	2.220	0	0	0.00%
S34	OPO4	mg P/L	23	24MAY2004 - 25APR2005	18	0.006	0.001	<0.004	0.004	0.006	0.006	0.008	2	0	0.00%
S34	TP	mg P/L	25	24MAY2004 - 25APR2005	17	0.020	0.010	0.009	0.014	0.017	0.021	0.042	0	0	0.00%
S34	DIS. K	mg/L	29	07JUL2004 - 11APR2005	5	7.060	1.264	4.900	7.000	7.600	7.800	8.000	0	0	0.00%
S34	DIS. NA	mg/L	28	07JUL2004 - 11APR2005	5	81.640	6.325	75.500	76.700	80.400	84.600	91.000	0	0	0.00%
S34	TOT. CL	mg/L	32	24MAY2004 - 25APR2005	18	115.294	14.125	87.300	108.000	117.000	126.000	133.000	0	0	0.00%
S34	TOT. SO4	mg/L	33	07JUL2004 - 25APR2005	6	37.383	13.425	19.600	23.800	40.800	43.500	55.800	0	0	0.00%
S34	DIS. SILICA	mg/L	27	07JUL2004 - 25APR2005	6	15.663	5.967	7.980	10.500	15.350	21.900	22.900	0	0	0.00%
S142	DO	mg/L	8	10MAY2004 - 25APR2005	23	4.398	1.456	2.610	3.390	4.050	5.420	7.920	0	16	69.57%
S142	FLDCOND.	UMHOS/CM	9	10MAY2004 - 25APR2005	23	920.261	158.025	531.000	805.000	935.000	######	1144.000	0	0	0.00%
S142	PH	UNITS	10	10MAY2004 - 25APR2005	23	7.631	0.126	7.310	7.580	7.610	7.720	7.930	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S142	TURBIDITY	NTU	12	10MAY2004 - 25APR2005	23	2.417	1.030	0.800	1.400	2.500	3.200	3.900	0	0	0.00%
S142	TSS	mg/L	16	10MAY2004 - 25APR2005	23	3.522	0.790	<3	<3	<3	4.000	5.000	13	0	0.00%
S142	COLOR	UNITS	13	10MAY2004 - 25APR2005	23	87.217	22.555	43.000	70.000	95.000	106.000	118.000	0	0	0.00%
S142	HARDNESS	mg/L CACO3	35	07JUL2004 - 11APR2005	6	288.833	60.098	222.000	222.000	293.500	325.000	377.000	0	0	0.00%
S142	TEMP	CENT	7	10MAY2004 - 25APR2005	23	24.752	4.497	16.600	20.900	26.300	28.800	30.700	0	0	0.00%
S142	ALKALINITY	mg/L	67	10MAY2004 - 25APR2005	23	240.783	58.028	94.000	214.000	246.000	280.000	335.000	0	0	0.00%
S142	TN	mg N/L	80	10MAY2004 - 25APR2005	21	2.008	0.361	1.561	1.769	1.980	2.185	3.170	0	0	0.00%
S142	NOX	mg N/L	18;180	10MAY2004 - 25APR2005	20	0.119	0.222	0.009	0.021	0.041	0.125	1.000	0	0	0.00%
S142	NO2	mg N/L	19	10MAY2004 - 25APR2005	23	0.011	0.012	<0.004	0.005	0.005	0.013	0.048	4	0	0.00%
S142	NO3	mg N/L	78	10MAY2004 - 25APR2005	20	0.107	0.211	0.008	0.016	0.038	0.111	0.952	0	0	0.00%
S142	NH4	mg N/L	20	10MAY2004 - 25APR2005	20	0.114	0.100	<0.009	0.042	0.085	0.131	0.367	1	0	0.00%
S142	UN-IONIZED AMMONIA	mg/L	NONE	10MAY2004 - 25APR2005	20	0.004	0.004	0.000	0.001	0.002	0.004	0.018	0	0	0.00%
S142	NNH4	mg N/L	92	10MAY2004 - 25APR2005	19	0.241	0.270	0.009	0.058	0.129	0.378	1.140	0	0	0.00%
S142	ORGN	mg N/L	79	10MAY2004 - 25APR2005	20	1.798	0.280	1.301	1.662	1.786	2.039	2.202	0	0	0.00%
S142	TKN	mg N/L	21	10MAY2004 - 25APR2005	21	1.894	0.272	1.460	1.710	1.980	2.090	2.280	0	0	0.00%
S142	OPO4	mg P/L	23	10MAY2004 - 25APR2005	23	0.016	0.038	0.004	0.005	0.006	0.008	0.180	0	0	0.00%
S142	TP	mg P/L	25	10MAY2004 - 25APR2005	21	0.033	0.047	0.007	0.012	0.019	0.027	0.219	0	0	0.00%
S142	DIS. CA	mg/L	30	07JUL2004 - 11APR2005	6	75.583	18.184	57.300	60.200	73.800	80.400	108.000	0	0	0.00%
S142	DIS. K	mg/L	29	07JUL2004 - 11APR2005	6	7.2	1.32363	4.7	7	7.55	7.9	8.5	0	0	0.00%
S142	DIS. MG	mg/L	31	07JUL2004 - 11APR2005	6	24.233	4.923	17.400	19.100	25.800	27.200	30.100	0	0	0.00%
S142	DIS. NA	mg/L	28	07JUL2004 - 11APR2005	6	75.200	17.789	45.400	65.600	77.800	91.400	93.200	0	0	0.00%
S142	TOT. CL	mg/L	32	10MAY2004 - 25APR2005	23	108.678	22.407	52.400	91.300	111.000	126.000	138.000	0	0	0.00%
S142	TOT. SO4	mg/L	33	07JUL2004 - 25APR2005	7	39.671	10.977	21.000	33.500	39.200	46.600	56.500	0	0	0.00%
S142	DIS. SILICA	mg/L	27	07JUL2004 - 25APR2005	7	15.300	4.566	10.300	11.600	13.800	20.600	21.900	0	0	0.00%
S11A	DO	mg/L	8	24MAY2004 - 11APR2005	14	6.014	1.740	3.340	5.090	5.555	7.660	8.580	0	3	21.43%
S11A	FLDCOND.	UMHOS/CM	9	24MAY2004 - 11APR2005	14	850.500	187.914	460.000	735.000	876.500	950.000	1145.000	0	0	0.00%
S11A	PH	UNITS	10	24MAY2004 - 11APR2005	14	7.802	0.235	7.350	7.660	7.855	7.940	8.160	0	0	0.00%
S11A	TURBIDITY	NTU	12	24MAY2004 - 11APR2005	14	2.621	2.346	0.500	1.100	1.850	3.300	8.800	0	0	0.00%
S11A	TSS	mg/L	16	24MAY2004 - 11APR2005	14	3.929	2.056	<3	<3	<3	3.000	10.000	10	0	0.00%
S11A	COLOR	UNITS	13	24MAY2004 - 11APR2005	14	88.786	24.971	32.000	79.000	89.000	113.000	119.000	0	0	0.00%
S11A	TEMP	CENT	7	24MAY2004 - 11APR2005	14	26.107	4.431	16.500	23.900	27.850	29.300	31.300	0	0	0.00%
S11A	ALKALINITY	mg/L	67	24MAY2004 - 11APR2005	14	206.071	46.379	109.000	179.000	204.000	219.000	278.000	0	0	0.00%
S11A	TN	mg N/L	80	24MAY2004 - 11APR2005	13	1.905	0.423	1.210	1.721	1.881	2.080	2.899	0	0	0.00%
S11A	NOX	mg N/L	18;180	24MAY2004 - 11APR2005	13	0.109	0.216	0.007	0.017	0.024	0.043	0.779	0	0	0.00%
S11A	NO2	mg N/L	19	24MAY2004 - 11APR2005	14	0.007	0.007	<0.004	0.004	0.005	0.005	0.026	3	0	0.00%
S11A	NO3	mg N/L	78	24MAY2004 - 11APR2005	13	0.103	0.209	0.007	0.011	0.019	0.038	0.753	0	0	0.00%
S11A	NH4	mg N/L	20	24MAY2004 - 11APR2005	12	0.051	0.033	<0.009	0.018	0.054	0.071	0.118	1	0	0.00%
S11A	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 11APR2005	12	0.002	0.001	0.001	0.001	0.002	0.003	0.005	0	0	0.00%
S11A	NNH4	mg N/L	92	24MAY2004 - 11APR2005	12	0.167	0.240	0.011	0.048	0.084	0.132	0.852	0	0	0.00%
S11A	ORGN	mg N/L	79	24MAY2004 - 11APR2005	12	1.724	0.347	1.067	1.429	1.758	2.025	2.182	0	0	0.00%
S11A	TKN	mg N/L	21	24MAY2004 - 11APR2005	13	1.796	0.346	1.080	1.480	1.870	2.060	2.250	0	0	0.00%
S11A	OPO4	mg P/L	23	24MAY2004 - 11APR2005	14	0.020	0.039	0.004	0.005	0.007	0.013	0.153	0	0	0.00%
S11A	TP	mg P/L	25	24MAY2004 - 11APR2005	13	0.033	0.046	0.007	0.008	0.016	0.030	0.179	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S11A	DIS. K	mg/L	29	19JUL2004 - 11APR2005	4	8.100	1.194	6.600	7.200	8.200	9.000	9.400	0	0	0.00%
S11A	DIS. NA	mg/L	28	19JUL2004 - 11APR2005	4	74.600	21.220	47.300	57.950	78.550	91.250	94.000	0	0	0.00%
S11A	TOT. CL	mg/L	32	24MAY2004 - 11APR2005	14	103.571	27.494	53.500	83.100	95.450	128.000	146.000	0	0	0.00%
S11A	TOT. SO4	mg/L	33	19JUL2004 - 11APR2005	4	43.875	6.740	37.900	38.050	43.700	49.700	50.200	0	0	0.00%
S11A	DIS. SILICA	mg/L	27	19JUL2004 - 11APR2005	4	14.653	6.296	7.810	9.605	14.400	19.700	22.000	0	0	0.00%
S145	DO	mg/L	8	24MAY2004 - 25APR2005	18	4.707	1.659	2.030	3.540	4.465	6.110	7.920	0	11	61.11%
S145	FLDCOND.	UMHOS/CM	9	24MAY2004 - 25APR2005	18	762.6667	120.957	481	681	775	886	906	0	0	0.00%
S145	PH	UNITS	10	24MAY2004 - 25APR2005	18	7.656	0.188	7.380	7.510	7.660	7.770	8.080	0	0	0.00%
S145	TURBIDITY	NTU	12	24MAY2004 - 25APR2005	17	2.965	5.377	0.600	0.800	1.400	2.200	23.200	0	0	0.00%
S145	TSS	mg/L	16	24MAY2004 - 25APR2005	17	8.059	18.130	<3	<3	<3	<3	78.000	13	0	0.00%
S145	COLOR	UNITS	13	24MAY2004 - 25APR2005	17	87.235	22.821	34.000	78.000	86.000	103.000	121.000	0	0	0.00%
S145	TEMP	CENT	7	24MAY2004 - 25APR2005	18	24.611	4.562	16.200	21.600	25.550	28.200	30.300	0	0	0.00%
S145	ALKALINITY	mg/L	67	24MAY2004 - 25APR2005	17	185.176	36.668	111.000	158.000	194.000	202.000	244.000	0	0	0.00%
S145	TN	mg N/L	80	24MAY2004 - 25APR2005	16	1.851	0.350	1.075	1.584	1.867	2.184	2.320	0	0	0.00%
S145	NOX	mg N/L	18;180	24MAY2004 - 25APR2005	15	0.047	0.091	0.006	0.011	0.017	0.035	0.370	0	0	0.00%
S145	NO2	mg N/L	19	24MAY2004 - 25APR2005	17	0.005	0.003	<0.004	0.004	0.004	0.005	0.017	3	0	0.00%
S145	NO3	mg N/L	78	24MAY2004 - 25APR2005	15	0.042	0.088	<0.004	0.007	0.015	0.032	0.353	1	0	0.00%
S145	NH4	mg N/L	20	24MAY2004 - 25APR2005	14	0.052	0.049	0.010	0.023	0.032	0.071	0.169	0	0	0.00%
S145	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 25APR2005	14	0.002	0.001	0.000	0.001	0.001	0.002	0.004	0	0	0.00%
S145	NNH4	mg N/L	92	24MAY2004 - 25APR2005	13	0.105	0.112	0.021	0.035	0.045	0.115	0.404	0	0	0.00%
S145	ORGN	mg N/L	79	24MAY2004 - 25APR2005	14	1.751	0.327	1.045	1.502	1.738	1.971	2.202	0	0	0.00%
S145	TKN	mg N/L	21	24MAY2004 - 25APR2005	16	1.807	0.324	1.060	1.575	1.845	2.045	2.290	0	0	0.00%
S145	OPO4	mg P/L	23	24MAY2004 - 25APR2005	17	0.008	0.007	<0.004	0.004	0.005	0.007	0.025	1	0	0.00%
S145	TP	mg P/L	25	24MAY2004 - 25APR2005	16	0.029	0.053	0.006	0.007	0.011	0.026	0.222	0	0	0.00%
S145	DIS. K	mg/L	29	19JUL2004 - 11APR2005	4	7.350	1.308	5.900	6.250	7.450	8.450	8.600	0	0	0.00%
S145	DIS. NA	mg/L	28	19JUL2004 - 11APR2005	4	66.150	19.653	48.500	49.450	64.350	82.850	87.400	0	0	0.00%
S145	TOT. CL	mg/L	32	24MAY2004 - 25APR2005	17	94.524	18.028	57.200	80.400	97.800	101.000	125.000	0	0	0.00%
S145	TOT. SO4	mg/L	33	19JUL2004 - 25APR2005	5	37.580	7.341	27.000	33.200	40.100	43.200	44.400	0	0	0.00%
S145	DIS. SILICA	mg/L	27	19JUL2004 - 25APR2005	5	12.108	4.842	6.680	7.860	12.200	16.500	17.300	0	0	0.00%
S151	DO	mg/L	8	24MAY2004 - 25APR2005	14	3.870	1.241	2.190	2.950	3.700	4.430	6.530	0	12	85.71%
S151	FLDCOND.	UMHOS/CM	9	24MAY2004 - 25APR2005	15	862.133	106.945	635.000	799.000	822.000	964.000	1008.000	0	0	0.00%
S151	PH	UNITS	10	24MAY2004 - 25APR2005	15	7.553	0.128	7.360	7.480	7.540	7.620	7.830	0	0	0.00%
S151	TURBIDITY	NTU	12	24MAY2004 - 25APR2005	14	2.229	1.724	0.700	1.000	1.750	2.700	7.300	0	0	0.00%
S151	TSS	mg/L	16	24MAY2004 - 25APR2005	15	3.467	1.302	<3	<3	<3	3.000	8.000	11	0	0.00%
S151	COLOR	UNITS	13	24MAY2004 - 25APR2005	14	75.5	20.8834	45	57	75	93	107	0	0	0.00%
S151	TEMP	CENT	7	24MAY2004 - 25APR2005	15	25.500	3.325	18.200	23.300	26.400	28.800	30.000	0	0	0.00%
S151	ALKALINITY	mg/L	67	24MAY2004 - 25APR2005	15	239.267	34.495	179.000	209.000	242.000	251.000	320.000	0	0	0.00%
S151	TN	mg N/L	80	24MAY2004 - 25APR2005	14	1.775	0.145	1.579	1.643	1.768	1.870	1.998	0	0	0.00%
S151	NOX	mg N/L	18;180	24MAY2004 - 25APR2005	11	0.046	0.024	0.016	0.019	0.045	0.069	0.083	0	0	0.00%
S151	NO2	mg N/L	19	24MAY2004 - 25APR2005	15	0.005	0.002	<0.004	0.004	0.005	0.007	0.009	3	0	0.00%
S151	NO3	mg N/L	78	24MAY2004 - 25APR2005	11	0.042	0.023	0.012	0.019	0.043	0.064	0.076	0	0	0.00%
S151	NH4	mg N/L	20	24MAY2004 - 25APR2005	14	0.098	0.087	0.021	0.046	0.073	0.119	0.360	0	0	0.00%
S151	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 25APR2005	14	0.003	0.003	0.000	0.001	0.002	0.003	0.010	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S151	NNH4	mg N/L	92	24MAY2004 - 25APR2005	11	0.124	0.059	0.054	0.068	0.110	0.188	0.231	0	0	0.00%
S151	ORGN	mg N/L	79	24MAY2004 - 25APR2005	14	1.640	0.184	1.401	1.480	1.597	1.791	1.944	0	0	0.00%
S151	TKN	mg N/L	21	24MAY2004 - 25APR2005	14	1.739	0.153	1.520	1.580	1.745	1.870	1.980	0	0	0.00%
S151	OPO4	mg P/L	23	24MAY2004 - 25APR2005	15	0.005	0.001	<0.004	0.004	0.004	0.006	0.007	3	0	0.00%
S151	TP	mg P/L	25	24MAY2004 - 25APR2005	14	0.019	0.012	0.008	0.010	0.015	0.028	0.049	0	0	0.00%
S151	DIS. K	mg/L	29	07JUL2004 - 25APR2005	6	5.867	1.193	4.000	5.200	5.950	6.700	7.400	0	0	0.00%
S151	DIS. NA	mg/L	28	07JUL2004 - 25APR2005	6	68.733	14.503	42.200	65.300	72.050	78.300	82.500	0	0	0.00%
S151	TOT. CL	mg/L	32	24MAY2004 - 25APR2005	15	100.147	17.971	65.400	81.500	104.000	115.000	122.000	0	0	0.00%
S151	TOT. SO4	mg/L	33	07JUL2004 - 25APR2005	6	26.167	9.947	13.100	15.400	28.700	34.800	36.300	0	0	0.00%
S151	DIS. SILICA	mg/L	27	07JUL2004 - 25APR2005	6	11.785	4.321	6.270	8.840	11.650	13.600	18.700	0	0	0.00%
S151	TOT. MTHY HG	ng/L	203	24MAY2004 - 08FEB2005	4	0.185	0.048	0.140	0.145	0.180	0.225	0.240	0	0	0.00%
S333	DO	mg/L	8	03MAY2004 - 18APR2005	24	3.675	1.291	1.690	2.445	3.710	4.885	5.840	0	19	79.17%
S333	FLDCOND.	UMHOS/CM	9	03MAY2004 - 18APR2005	23	582.504	179.790	240.000	433.000	652.000	696.600	858.000	0	0	0.00%
S333	PH	UNITS	10	03MAY2004 - 18APR2005	24	7.306	0.161	7.020	7.170	7.315	7.435	7.580	0	0	0.00%
S333	TURBIDITY	NTU	12	03MAY2004 - 18APR2005	19	1.511	0.823	0.600	0.800	1.200	2.200	3.200	0	0	0.00%
S333	TSS	mg/L	16	03MAY2004 - 18APR2005	19	3.000	0.000	<3	<3	<3	<3	3.000	18	0	0.00%
S333	COLOR	UNITS	13	03MAY2004 - 18APR2005	19	58.789	22.590	22.000	33.000	64.000	71.000	95.000	0	0	0.00%
S333	HARDNESS	mg/L CACO3	35	03MAY2004 - 18APR2005	21	213.619	48.532	118.000	179.000	230.000	245.000	289.000	0	0	0.00%
S333	TEMP	CENT	7	03MAY2004 - 18APR2005	24	25.204	4.359	17.300	21.950	26.000	29.400	31.100	0	0	0.00%
S333	ALKALINITY	mg/L	67	03MAY2004 - 18APR2005	19	185.632	33.066	110.000	165.000	197.000	212.000	233.000	0	0	0.00%
S333	TN	mg N/L	80	03MAY2004 - 18APR2005	19	1.468	0.291	1.052	1.260	1.430	1.600	2.297	0	0	0.00%
S333	NOX	mg N/L	18;180	03MAY2004 - 18APR2005	18	0.081	0.167	0.019	0.030	0.042	0.049	0.747	0	0	0.00%
S333	NO2	mg N/L	19	03MAY2004 - 18APR2005	18	0.004	0.001	<0.004	<0.004	0.000	0.004	0.006	9	0	0.00%
S333	NO3	mg N/L	78	03MAY2004 - 18APR2005	17	0.080	0.171	0.019	0.030	0.037	0.043	0.741	0	0	0.00%
S333	NH4	mg N/L	20	03MAY2004 - 18APR2005	18	0.048	0.055	0.011	0.016	0.027	0.047	0.201	0	0	0.00%
S333	UN-IONIZED AMMONIA	mg/L	NONE	03MAY2004 - 18APR2005	18	0.001	0.001	0.000	0.000	0.000	0.001	0.003	0	0	0.00%
S333	NNH4	mg N/L	92	03MAY2004 - 18APR2005	18	0.129	0.207	0.032	0.049	0.071	0.089	0.931	0	0	0.00%
S333	ORGN	mg N/L	79	03MAY2004 - 18APR2005	18	1.341	0.230	0.981	1.157	1.357	1.494	1.811	0	0	0.00%
S333	TKN	mg N/L	21	03MAY2004 - 18APR2005	19	1.391	0.216	1.010	1.200	1.410	1.550	1.830	0	0	0.00%
S333	OPO4	mg P/L	23	03MAY2004 - 18APR2005	17	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	9	0	0.00%
S333	ALKALINE PHOS	nM/minml	168	03MAY2004 - 04APR2005	12	6.583	3.315	3.000	3.500	6.000	10.000	12.000	0	0	0.00%
S333	TP	mg P/L	25	03MAY2004 - 18APR2005	24	0.015	0.007	0.007	0.009	0.012	0.019	0.037	0	0	0.00%
S333	DIS. CA	mg/L	30	03MAY2004 - 18APR2005	21	63.810	9.883	42.000	59.300	67.200	69.900	79.000	0	0	0.00%
S333	DIS. K	mg/L	29	03MAY2004 - 18APR2005	20	4.050	1.766	1.000	2.150	4.650	5.200	6.600	0	0	0.00%
S333	DIS. MG	mg/L	31	03MAY2004 - 18APR2005	22	13.318	5.917	3.300	7.400	14.600	17.200	22.400	0	0	0.00%
S333	DIS. NA	mg/L	28	03MAY2004 - 18APR2005	19	46.016	16.985	13.600	31.000	51.000	60.000	70.900	0	0	0.00%
S333	TOT. CL	mg/L	32	03MAY2004 - 18APR2005	19	69.211	25.488	20.200	47.700	76.300	91.000	106.000	0	0	0.00%
S333	TOT. SO4	mg/L	33	26JUL2004 - 04APR2005	5	21.860	13.249	1.000	18.300	25.500	28.700	35.800	0	0	0.00%
S333	DIS. SILICA	mg/L	27	26JUL2004 - 04APR2005	3	12.717	3.775	8.950	8.950	12.700	16.500	16.500	0	0	0.00%
S333	TOT. FE	mg/L	177	26JUL2004 - 04APR2005	4	0.092	0.027	0.073	0.077	0.082	0.108	0.132	0	0	0.00%
S333	TOT. CD	ug/L	103	08JUL2004 - 06JAN2005	2	0.3	0	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S333	TOT. CU	ug/L	104	08JUL2004 - 06JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S333	TOT. ZN	ug/L	105	08JUL2004 - 06JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	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
S333	CAROTENOID	mg/m3	63	03MAY2004 - 24JAN2005	11	2.364	2.014	<1	1.000	1.000	3.000	7.000	2	0	0.00%
S333	CHLA	mg/m3	61	03MAY2004 - 18APR2005	17	4.706	3.901	<1	2.000	4.000	5.000	15.000	1	0	0.00%
S333	CHLA2	mg/m3	112	03MAY2004 - 18APR2005	17	4.235294	3.36395	1	2	3	4	14	0	0	0.00%
S333	CHLB	mg/m3	62	03MAY2004 - 18APR2005	17	1.000	0.000	<1	<1	<1	<1	<1	17	0	0.00%
S333	CHLC	mg/m3	113	03MAY2004 - 18APR2005	17	1.000	0.000	<1	<1	<1	<1	<1	17	0	0.00%
S333	PHEOPHYTIN A	mg/m3	64	03MAY2004 - 18APR2005	17	1.118	0.332	<1	<1	<1	<1	2.000	14	0	0.00%
C123SR84	DO	mg/L	8	25MAY2004 - 26APR2005	16	5.321	2.236	2.520	3.195	5.690	6.935	9.120	0	8	50.00%
C123SR84	FLDCOND.	UMHOS/CM	9	25MAY2004 - 26APR2005	17	704.529	101.597	467.000	649.000	714.000	766.000	900.000	0	0	0.00%
C123SR84	PH	UNITS	10	25MAY2004 - 26APR2005	17	7.598	0.232	7.050	7.490	7.610	7.760	7.910	0	0	0.00%
C123SR84	TURBIDITY	NTU	12	25MAY2004 - 26APR2005	15	3.420	2.311	0.900	1.800	3.100	4.500	9.600	0	0	0.00%
C123SR84	TSS	mg/L	16	25MAY2004 - 26APR2005	15	4.200	2.366	<3	<3	3.000	5.000	12.000	6	0	0.00%
C123SR84	COLOR	UNITS	13	25MAY2004 - 26APR2005	15	69.133	21.350	46.000	58.000	65.000	79.000	115.000	0	0	0.00%
C123SR84	TEMP	CENT	7	25MAY2004 - 26APR2005	17	24.808	4.632	17.030	20.700	26.600	28.300	31.000	0	0	0.00%
C123SR84	ALKALINITY	mg/L	67	25MAY2004 - 26APR2005	15	214.000	32.770	147.000	187.000	222.000	238.000	259.000	0	0	0.00%
C123SR84	TN	mg N/L	80	25MAY2004 - 26APR2005	16	1.646	0.430	1.011	1.463	1.623	1.696	3.080	0	0	0.00%
C123SR84	NOX	mg N/L	18;180	25MAY2004 - 26APR2005	16	0.048	0.075	<0.004	0.009	0.016	0.056	0.292	3	0	0.00%
C123SR84	NO2	mg N/L	19	25MAY2004 - 26APR2005	15	0.006	0.004	<0.004	<0.004	0.004	0.006	0.018	7	0	0.00%
C123SR84	NO3	mg N/L	78	25MAY2004 - 26APR2005	15	0.046	0.074	<0.004	<0.004	0.016	0.068	0.285	4	0	0.00%
C123SR84	NH4	mg N/L	20	25MAY2004 - 26APR2005	16	0.039	0.036	<0.009	0.013	0.027	0.051	0.139	2	0	0.00%
C123SR84	UN-IONIZED AMMONIA	mg/L	NONE	25MAY2004 - 26APR2005	16	0.000839	0.00048	0.000331	0.00053	0.0006566	0.0011	0.001891	0	0	0.00%
C123SR84	NNH4	mg N/L	92	25MAY2004 - 26APR2005	16	0.086	0.092	<0.009	0.030	0.050	0.116	0.354	2	0	0.00%
C123SR84	ORGN	mg N/L	79	25MAY2004 - 26APR2005	16	1.562	0.409	0.976	1.383	1.533	1.631	2.930	0	0	0.00%
C123SR84	TKN	mg N/L	21	25MAY2004 - 26APR2005	16	1.599	0.414	1.000	1.405	1.565	1.690	2.970	0	0	0.00%
C123SR84	OPO4	mg P/L	23	25MAY2004 - 26APR2005	15	0.006	0.002	<0.004	<0.004	0.006	0.007	0.013	4	0	0.00%
C123SR84	TP	mg P/L	25	25MAY2004 - 26APR2005	16	0.026	0.014	0.012	0.017	0.022	0.030	0.061	0	0	0.00%
C123SR84	DIS. K	mg/L	29	06JUL2004 - 26APR2005	4	4.950	0.551	4.400	4.500	4.900	5.400	5.600	0	0	0.00%
C123SR84	DIS. NA	mg/L	28	06JUL2004 - 26APR2005	4	49.250	9.147	40.400	42.150	47.800	56.350	61.000	0	0	0.00%
C123SR84	TOT. CL	mg/L	32	25MAY2004 - 26APR2005	16	73.306	13.550	47.700	63.550	73.400	82.450	98.600	0	0	0.00%
C123SR84	TOT. SO4	mg/L	33	06JUL2004 - 26APR2005	4	19.375	10.127	8.200	13.150	18.250	25.600	32.800	0	0	0.00%
C123SR84	DIS. SILICA	mg/L	27	06JUL2004 - 26APR2005	4	8.208	3.356	4.370	5.915	7.980	10.500	12.500	0	0	0.00%
G94B	DO	mg/L	8	24MAY2004 - 26APR2005	12	3.913	1.057	1.980	3.155	3.930	4.710	5.470	0	10	83.33%
G94B	FLDCOND.	UMHOS/CM	9	24MAY2004 - 26APR2005	11	648.273	204.652	343.000	479.000	630.000	793.000	1072.000	0	0	0.00%
G94B	PH	UNITS	10	24MAY2004 - 26APR2005	12	7.418	0.340	6.790	7.195	7.445	7.655	7.980	0	0	0.00%
G94B	TURBIDITY	NTU	12	24MAY2004 - 26APR2005	11	5.327	3.149	2.200	2.900	3.800	7.500	12.000	0	0	0.00%
G94B	TSS	mg/L	16	24MAY2004 - 26APR2005	11	9.091	5.147	<3	5.000	8.000	14.000	17.000	1	0	0.00%
G94B	COLOR	UNITS	13	24MAY2004 - 26APR2005	12	99.750	23.982	76.000	83.000	98.000	109.000	163.000	0	0	0.00%
G94B	HARDNESS	mg/L CACO3	35	06JUL2004 - 29MAR2005	4	243.750	73.323	168.000	197.500	231.500	290.000	344.000	0	0	0.00%
G94B	TEMP	CENT	7	24MAY2004 - 26APR2005	12	24.408	4.447	17.600	21.950	23.800	27.600	31.200	0	0	0.00%
G94B	ALKALINITY	mg/L	67	24MAY2004 - 26APR2005	12	170.333	46.296	93.000	137.500	168.500	199.500	267.000	0	0	0.00%
G94B	TN	mg N/L	80	24MAY2004 - 26APR2005	12	1.985	0.549	1.299	1.617	1.930	2.087	3.308	0	0	0.00%
G94B	NOX	mg N/L	18;180	24MAY2004 - 26APR2005	11	0.081	0.134	<0.004	0.008	0.036	0.098	0.469	1	0	0.00%
G94B	NO2	mg N/L	19	24MAY2004 - 26APR2005	12	0.012	0.009	<0.004	0.005	0.007	0.021	0.028	1	0	0.00%
G94B	NO3	mg N/L	78	24MAY2004 - 26APR2005	11	0.070	0.127	<0.004	<0.004	0.028	0.079	0.442	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
G94B	NH4	mg N/L	20	24MAY2004 - 26APR2005	12	0.089	0.132	0.009	0.023	0.056	0.081	0.496	0	0	0.00%
G94B	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 26APR2005	12	0.001732	0.00205	0.0001	0.00036	0.0009023	0.0025	0.006494	0	0	0.00%
G94B	NNH4	mg N/L	92	24MAY2004 - 26APR2005	11	0.171	0.194	0.013	0.042	0.106	0.180	0.594	0	0	0.00%
G94B	ORGN	mg N/L	79	24MAY2004 - 26APR2005	12	1.822	0.539	1.257	1.387	1.872	1.955	3.243	0	0	0.00%
G94B	TKN	mg N/L	21	24MAY2004 - 26APR2005	12	1.911	0.521	1.280	1.560	1.910	2.035	3.300	0	0	0.00%
G94B	OPO4	mg P/L	23	24MAY2004 - 26APR2005	12	0.072	0.130	0.006	0.010	0.017	0.068	0.461	0	0	0.00%
G94B	TP	mg P/L	25	24MAY2004 - 26APR2005	12	0.143	0.154	0.030	0.053	0.063	0.198	0.515	0	0	0.00%
G94B	DIS. CA	mg/L	30	06JUL2004 - 29MAR2005	4	71.350	21.136	48.300	55.050	69.900	87.650	97.300	0	0	0.00%
G94B	DIS. K	mg/L	29	06JUL2004 - 29MAR2005	4	8.225	2.116	6.300	6.800	7.700	9.650	11.200	0	0	0.00%
G94B	DIS. MG	mg/L	31	06JUL2004 - 29MAR2005	4	15.950	7.674	7.800	9.650	15.700	22.250	24.600	0	0	0.00%
G94B	DIS. NA	mg/L	28	06JUL2004 - 29MAR2005	4	60.400	27.991	36.900	37.700	54.800	83.100	95.100	0	0	0.00%
G94B	TOT. CL	mg/L	32	24MAY2004 - 26APR2005	12	83.600	30.599	42.100	55.150	88.500	106.500	135.000	0	0	0.00%
G94B	TOT. SO4	mg/L	33	06JUL2004 - 29MAR2005	4	43.475	27.153	17.000	20.550	42.000	66.400	72.900	0	0	0.00%
G94B	DIS. SILICA	mg/L	27	06JUL2004 - 29MAR2005	4	14.585	5.562	7.440	10.220	15.600	18.950	19.700	0	0	0.00%
G94B	TOT. FE	mg/L	177	06JUL2004 - 18JAN2005	2	0.110	0.001	0.109	0.109	0.110	0.110	0.110	0	0	0.00%
S31	DO	mg/L	8	11OCT2004 - 25APR2005	10	3.589	1.658	1.960	2.200	3.150	4.880	6.660	0	8	80.00%
S31	FLDCOND.	UMHOS/CM	9	11OCT2004 - 25APR2005	10	863.500	85.514	754.000	774.000	895.000	927.000	979.000	0	0	0.00%
S31	PH	UNITS	10	11OCT2004 - 25APR2005	10	7.53	0.12961	7.3	7.47	7.54	7.59	7.73	0	0	0.00%
S31	TURBIDITY	NTU	12	11OCT2004 - 25APR2005	9	1.400	0.474	0.900	1.100	1.400	1.500	2.500	0	0	0.00%
S31	TSS	mg/L	16	11OCT2004 - 25APR2005	10	3.000	0.000	<3	<3	<3	<3	<3	10	0	0.00%
S31	COLOR	UNITS	13	11OCT2004 - 25APR2005	9	78.333	22.869	46.000	56.000	83.000	97.000	107.000	0	0	0.00%
S31	TEMP	CENT	7	11OCT2004 - 25APR2005	10	23.790	2.249	20.000	22.500	23.550	25.100	27.200	0	0	0.00%
S31	ALKALINITY	mg/L	67	11OCT2004 - 25APR2005	10	236.700	19.517	206.000	224.000	245.500	250.000	259.000	0	0	0.00%
S31	TN	mg N/L	80	11OCT2004 - 25APR2005	10	1.668	0.243	1.297	1.450	1.686	1.873	2.009	0	0	0.00%
S31	NOX	mg N/L	18;180	11OCT2004 - 25APR2005	8	0.044	0.028	0.017	0.020	0.040	0.059	0.097	0	0	0.00%
S31	NO2	mg N/L	19	11OCT2004 - 25APR2005	9	0.008	0.006	<0.004	0.004	0.005	0.006	0.021	2	0	0.00%
S31	NO3	mg N/L	78	11OCT2004 - 25APR2005	7	0.035	0.023	0.015	0.017	0.021	0.050	0.076	0	0	0.00%
S31	NH4	mg N/L	20	11OCT2004 - 25APR2005	10	0.090	0.025	0.052	0.073	0.093	0.100	0.132	0	0	0.00%
S31	UN-IONIZED AMMONIA	mg/L	NONE	11OCT2004 - 25APR2005	10	0.002	0.000	0.001	0.001	0.002	0.002	0.003	0	0	0.00%
S31	NNH4	mg N/L	92	11OCT2004 - 25APR2005	8	0.133	0.044	0.072	0.088	0.147	0.169	0.183	0	0	0.00%
S31	ORGN	mg N/L	79	11OCT2004 - 25APR2005	10	1.543	0.268	1.114	1.354	1.539	1.768	1.934	0	0	0.00%
S31	TKN	mg N/L	21	11OCT2004 - 25APR2005	10	1.633	0.262	1.200	1.450	1.650	1.820	1.990	0	0	0.00%
S31	OPO4	mg P/L	23	11OCT2004 - 25APR2005	9	0.005	0.001	<0.004	0.004	0.006	0.006	0.008	1	0	0.00%
S31	TP	mg P/L	25	11OCT2004 - 25APR2005	10	0.012	0.003	0.009	0.010	0.011	0.015	0.016	0	0	0.00%
S31	DIS. K	mg/L	29	11OCT2004 - 25APR2005	5	5.260	0.885	3.900	4.900	5.500	6.000	6.000	0	0	0.00%
S31	DIS. NA	mg/L	28	11OCT2004 - 25APR2005	5	63.400	8.557	53.800	59.400	61.900	65.100	76.800	0	0	0.00%
S31	TOT. CL	mg/L	32	11OCT2004 - 25APR2005	10	100.480	14.689	81.600	85.200	99.200	114.000	122.000	0	0	0.00%
S31	TOT. SO4	mg/L	33	11OCT2004 - 25APR2005	5	21.660	9.614	11.200	11.600	25.600	28.200	31.700	0	0	0.00%
S31	DIS. SILICA	mg/L	27	11OCT2004 - 25APR2005	5	13.422	4.568	7.910	11.000	12.100	16.900	19.200	0	0	0.00%
S38	DO	mg/L	8	10MAY2004 - 25APR2005	20	4.467	1.844	1.970	2.675	4.445	5.595	9.010	0	12	60.00%
S38	FLDCOND.	UMHOS/CM	9	10MAY2004 - 25APR2005	20	668.200	161.850	420.000	535.500	608.500	816.000	951.000	0	0	0.00%
S38	PH	UNITS	10	10MAY2004 - 25APR2005	20	7.628	0.187	7.390	7.480	7.560	7.740	8.030	0	0	0.00%
S38	TURBIDITY	NTU	12	10MAY2004 - 25APR2005	20	1.695	1.335	0.400	0.750	1.450	2.100	5.900	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
S38	TSS	mg/L	16	10MAY2004 - 25APR2005	20	3.400	0.995	<3	<3	<3	<3	6.000	17	0	0.00%
S38	COLOR	UNITS	13	10MAY2004 - 25APR2005	20	88.200	22.615	33.000	79.500	86.000	100.000	130.000	0	0	0.00%
S38	TEMP	CENT	7	10MAY2004 - 25APR2005	20	23.915	4.363	15.300	20.800	24.000	27.600	30.600	0	0	0.00%
S38	ALKALINITY	mg/L	67	10MAY2004 - 25APR2005	20	166.100	41.403	113.000	140.000	148.500	201.500	239.000	0	0	0.00%
S38	TN	mg N/L	80	10MAY2004 - 25APR2005	19	1.679	0.436	1.090	1.346	1.497	2.034	2.525	0	0	0.00%
S38	NOX	mg N/L	18;180	10MAY2004 - 25APR2005	18	0.053	0.121	<0.004	0.008	0.015	0.027	0.525	2	0	0.00%
S38	NO2	mg N/L	19	10MAY2004 - 25APR2005	20	0.006	0.004	<0.004	0.004	0.004	0.005	0.022	4	0	0.00%
S38	NO3	mg N/L	78	10MAY2004 - 25APR2005	18	0.049	0.116	<0.004	<0.004	0.013	0.025	0.503	5	0	0.00%
S38	NH4	mg N/L	20	10MAY2004 - 25APR2005	17	0.051	0.064	0.011	0.016	0.030	0.045	0.250	0	0	0.00%
S38	UN-IONIZED AMMONIA	mg/L	NONE	10MAY2004 - 25APR2005	17	0.001	0.001	0.000	0.000	0.001	0.001	0.005	0	0	0.00%
S38	NNH4	mg N/L	92	10MAY2004 - 25APR2005	16	0.110	0.142	0.011	0.025	0.057	0.124	0.540	0	0	0.00%
S38	ORGN	mg N/L	79	10MAY2004 - 25APR2005	17	1.609	0.356	1.079	1.415	1.522	1.966	2.170	0	0	0.00%
S38	TKN	mg N/L	21	10MAY2004 - 25APR2005	19	1.629	0.377	1.090	1.340	1.480	2.000	2.410	0	0	0.00%
S38	OPO4	mg P/L	23	10MAY2004 - 25APR2005	20	0.007	0.006	<0.004	0.004	0.006	0.008	0.031	3	0	0.00%
S38	TP	mg P/L	25	10MAY2004 - 25APR2005	19	0.021	0.017	0.006	0.007	0.011	0.034	0.055	0	0	0.00%
S38	DIS. K	mg/L	29	07JUL2004 - 11APR2005	5	5.900	1.042	4.400	5.700	5.900	6.200	7.300	0	0	0.00%
S38	DIS. NA	mg/L	28	07JUL2004 - 11APR2005	5	51.16	14.4528	31.1	46.2	50.4	57.9	70.2	0	0	0.00%
S38	TOT. CL	mg/L	32	10MAY2004 - 25APR2005	20	80.635	24.308	46.200	61.000	72.400	101.250	137.000	0	0	0.00%
S38	TOT. SO4	mg/L	33	07JUL2004 - 25APR2005	6	27.600	10.964	14.800	19.600	25.500	35.300	44.900	0	0	0.00%
S38	DIS. SILICA	mg/L	27	07JUL2004 - 25APR2005	6	9.740	2.918	6.060	7.550	9.565	11.300	14.400	0	0	0.00%
S39	DO	mg/L	8	24MAY2004 - 26APR2005	12	5.519	2.149	1.330	4.560	5.600	7.530	8.040	0	4	33.33%
S39	FLDCOND.	UMHOS/CM	9	24MAY2004 - 26APR2005	11	575.182	129.363	418.000	477.000	542.000	685.000	825.000	0	0	0.00%
S39	PH	UNITS	10	24MAY2004 - 26APR2005	12	7.793	0.490	6.750	7.515	7.920	8.160	8.270	0	0	0.00%
S39	TURBIDITY	NTU	12	24MAY2004 - 26APR2005	12	3.192	2.874	0.800	1.400	2.550	3.550	11.100	0	0	0.00%
S39	TSS	mg/L	16	21JUN2004 - 26APR2005	7	5.143	2.795	<3	<3	4.000	6.000	11.000	2	0	0.00%
S39	COLOR	UNITS	13	24MAY2004 - 26APR2005	12	82.583	25.946	60.000	66.000	71.500	93.500	147.000	0	0	0.00%
S39	HARDNESS	mg/L CACO3	35	06JUL2004 - 29MAR2005	5	169.200	34.910	136.000	142.000	161.000	186.000	221.000	0	0	0.00%
S39	TEMP	CENT	7	24MAY2004 - 26APR2005	12	25.033	4.909	16.000	22.350	25.700	29.200	30.900	0	0	0.00%
S39	ALKALINITY	mg/L	67	24MAY2004 - 26APR2005	12	132.500	17.349	113.000	121.000	125.500	142.500	176.000	0	0	0.00%
S39	TN	mg N/L	80	24MAY2004 - 26APR2005	12	1.605	0.167	1.412	1.462	1.593	1.726	1.899	0	0	0.00%
S39	NOX	mg N/L	18;180	24MAY2004 - 26APR2005	9	0.029	0.023	<0.004	0.013	0.023	0.035	0.069	1	0	0.00%
S39	NO2	mg N/L	19	24MAY2004 - 26APR2005	12	0.006	0.004	<0.004	<0.004	0.004	0.006	0.017	4	0	0.00%
S39	NO3	mg N/L	78	24MAY2004 - 26APR2005	9	0.024	0.018	<0.004	0.011	0.019	0.031	0.054	1	0	0.00%
S39	NH4	mg N/L	20	24MAY2004 - 26APR2005	12	0.033	0.027	0.009	0.019	0.021	0.046	0.106	0	0	0.00%
S39	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2004 - 26APR2005	12	0.001367	0.00085	0.00038	0.00064	0.001176	0.0021	0.002866	0	0	0.00%
S39	NNH4	mg N/L	92	24MAY2004 - 26APR2005	9	0.055	0.038	0.022	0.028	0.039	0.090	0.113	0	0	0.00%
S39	ORGN	mg N/L	79	24MAY2004 - 26APR2005	12	1.551	0.176	1.303	1.426	1.508	1.664	1.871	0	0	0.00%
S39	TKN	mg N/L	21	24MAY2004 - 26APR2005	12	1.584	0.174	1.350	1.440	1.570	1.695	1.890	0	0	0.00%
S39	OPO4	mg P/L	23	24MAY2004 - 26APR2005	12	0.019	0.024	<0.004	0.005	0.010	0.017	0.075	1	0	0.00%
S39	TP	mg P/L	25	24MAY2004 - 26APR2005	12	0.043	0.037	0.017	0.024	0.030	0.038	0.132	0	0	0.00%
S39	DIS. CA	mg/L	30	06JUL2004 - 29MAR2005	5	42.980	8.497	37.200	37.200	38.800	44.500	57.200	0	0	0.00%
S39	DIS. K	mg/L	29	06JUL2004 - 29MAR2005	5	5.980	1.354	4.400	4.600	6.900	7.000	7.000	0	0	0.00%
S39	DIS. MG	mg/L	31	06JUL2004 - 29MAR2005	5	15.040	4.143	9.500	11.900	16.600	18.200	19.000	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
S39	DIS. NA	mg/L	28	06JUL2004 - 29MAR2005	5	57.520	18.177	33.000	43.400	67.200	70.000	74.000	0	0	0.00%
S39	TOT. CL	mg/L	32	24MAY2004 - 26APR2005	12	77.467	21.547	47.500	59.550	75.000	100.100	104.000	0	0	0.00%
S39	TOT. SO4	mg/L	33	06JUL2004 - 29MAR2005	5	34.000	12.510	19.900	22.200	36.100	45.500	46.300	0	0	0.00%
S39	DIS. SILICA	mg/L	27	06JUL2004 - 29MAR2005	5	12.872	5.620	7.400	8.260	11.000	18.600	19.100	0	0	0.00%
S39	TOT. FE	mg/L	177	29MAR2005 - 29MAR2005	1	0.013		0.013	0.013	0.013	0.013	0.013	0	0	0.00%
S197	DO	mg/L	8	15OCT2004 - 15OCT2004	1	6.510		6.510	6.510	6.510	6.510	6.510	0	0	0.00%
S197	FLDCOND.	UMHOS/CM	9	15OCT2004 - 15OCT2004	1	442.000		442.000	442.000	442.000	442.000	442.000	0	0	0.00%
S197	PH	UNITS	10	15OCT2004 - 15OCT2004	1	7.510		7.510	7.510	7.510	7.510	7.510	0	0	0.00%
S197	TSS	mg/L	16	15OCT2004 - 15OCT2004	1	3.000		<3	<3	<3	<3	<3	1	0	0.00%
S197	HARDNESS	mg/L CACO3	35	15OCT2004 - 15OCT2004	1	166.000		166.000	166.000	166.000	166.000	166.000	0	0	0.00%
S197	TEMP	CENT	7	15OCT2004 - 15OCT2004	1	27.600		27.600	27.600	27.600	27.600	27.600	0	0	0.00%
S197	ALKALINITY	mg/L	67	15OCT2004 - 15OCT2004	1	166.000		166.000	166.000	166.000	166.000	166.000	0	0	0.00%
S197	TN	mg N/L	80	15OCT2004 - 15OCT2004	1	0.642		0.642	0.642	0.642	0.642	0.642	0	0	0.00%
S197	NOX	mg N/L	18;180	15OCT2004 - 15OCT2004	1	0.032		0.032	0.032	0.032	0.032	0.032	0	0	0.00%
S197	NH4	mg N/L	20	15OCT2004 - 15OCT2004	1	0.028		0.028	0.028	0.028	0.028	0.028	0	0	0.00%
S197	UN-IONIZED AMMONIA	mg/L	NONE	15OCT2004 - 15OCT2004	1	0.001		0.001	0.001	0.001	0.001	0.001	0	0	0.00%
S197	NNH4	mg N/L	92	15OCT2004 - 15OCT2004	1	0.060		0.060	0.060	0.060	0.060	0.060	0	0	0.00%
S197	ORGN	mg N/L	79	15OCT2004 - 15OCT2004	1	0.582		0.582	0.582	0.582	0.582	0.582	0	0	0.00%
S197	TKN	mg N/L	21	15OCT2004 - 15OCT2004	1	0.610		0.610	0.610	0.610	0.610	0.610	0	0	0.00%
S197	TP	mg P/L	25	15OCT2004 - 15OCT2004	1	0.006		0.006	0.006	0.006	0.006	0.006	0	0	0.00%
S197	DIS. CA	mg/L	30	15OCT2004 - 15OCT2004	1	58.300		58.300	58.300	58.300	58.300	58.300	0	0	0.00%
S197	DIS. K	mg/L	29	15OCT2004 - 15OCT2004	1	3.900		3.900	3.900	3.900	3.900	3.900	0	0	0.00%
S197	DIS. MG	mg/L	31	15OCT2004 - 15OCT2004	1	5.000		5.000	5.000	5.000	5.000	5.000	0	0	0.00%
S197	DIS. NA	mg/L	28	15OCT2004 - 15OCT2004	1	25.000		25.000	25.000	25.000	25.000	25.000	0	0	0.00%
S197	TOT. CL	mg/L	32	15OCT2004 - 15OCT2004	1	40.700		40.700	40.700	40.700	40.700	40.700	0	0	0.00%
S197	TOT. SO4	mg/L	33	15OCT2004 - 15OCT2004	1	6.600		6.600	6.600	6.600	6.600	6.600	0	0	0.00%
S197	DIS. SILICA	mg/L	27	15OCT2004 - 15OCT2004	1	4.97		4.97	4.97	4.97	4.97	4.97	0	0	0.00%
S334	DO	mg/L	8	17MAY2004 - 18APR2005	18	5.113	1.817	2.390	3.440	4.560	6.470	8.010	0	10	55.56%
S334	FLDCOND.	UMHOS/CM	9	17MAY2004 - 18APR2005	17	606.353	104.141	445.400	518.000	616.800	674.000	772.000	0	0	0.00%
S334	LABCOND.	UMHOS/CM	14	18MAY2004 - 18MAY2004	1	383.000		383.000	383.000	383.000	383.000	383.000	0	0	0.00%
S334	PH	UNITS	10	17MAY2004 - 18APR2005	18	7.522	0.307	7.040	7.310	7.475	7.630	8.120	0	0	0.00%
S334	TURBIDITY	NTU	12	17MAY2004 - 18APR2005	18	1.928	0.770	1.000	1.300	1.800	2.700	3.500	0	0	0.00%
S334	TSS	mg/L	16	17MAY2004 - 18APR2005	18	2.972	0.436	<3	<3	<3	<3	4.000	16	0	0.00%
S334	COLOR	UNITS	13	17MAY2004 - 18APR2005	17	52.353	14.287	28.000	44.000	48.000	64.000	74.000	0	0	0.00%
S334	HARDNESS	mg/L CACO3	35	26JUL2004 - 04APR2005	4	233.000	30.854	191.000	210.000	241.000	256.000	259.000	0	0	0.00%
S334	TEMP	CENT	7	17MAY2004 - 18APR2005	18	24.680	3.333	18.600	22.300	24.750	26.940	30.300	0	0	0.00%
S334	ALKALINITY	mg/L	67	17MAY2004 - 04APR2005	12	192.167	23.510	157.000	174.500	192.000	209.500	230.000	0	0	0.00%
S334	TOTAL DEPTH	METERS	99	18MAY2004 - 18MAY2004	1	2		2	2	2	2	2	0	0	0.00%
S334	TN	mg N/L	80	17MAY2004 - 18APR2005	17	1.351	0.213	0.980	1.180	1.381	1.484	1.682	0	0	0.00%
S334	NOX	mg N/L	18;180	17MAY2004 - 18APR2005	14	0.045	0.033	<0.004	0.025	0.038	0.049	0.121	1	0	0.00%
S334	NO2	mg N/L	19	17MAY2004 - 18APR2005	17	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	10	0	0.00%
S334	NO3	mg N/L	78	17MAY2004 - 18APR2005	14	0.043286	0.0312	<0.004	0.022	0.0375	0.049	0.116	1	0	0.00%
S334	NH4	mg N/L	20	17MAY2004 - 18APR2005	18	0.092	0.089	<0.004	0.023	0.056	0.187	0.301	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
S334	UN-IONIZED AMMONIA	mg/L	NONE	17MAY2004 - 18APR2005	18	0.002	0.002	0.000	0.001	0.001	0.002	0.008	0	0	0.00%
S334	NNH4	mg N/L	92	17MAY2004 - 18APR2005	14	0.126	0.100	0.028	0.065	0.083	0.180	0.358	0	0	0.00%
S334	ORGN	mg N/L	79	17MAY2004 - 18APR2005	17	1.217	0.257	0.787	0.998	1.255	1.364	1.600	0	0	0.00%
S334	TKN	mg N/L	21	17MAY2004 - 18APR2005	17	1.314	0.203	0.980	1.140	1.340	1.440	1.650	0	0	0.00%
S334	OPO4	mg P/L	23	17MAY2004 - 18APR2005	17	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	12	0	0.00%
S334	TP	mg P/L	25	17MAY2004 - 18APR2005	17	0.013	0.003	0.009	0.011	0.013	0.015	0.018	0	0	0.00%
S334	DIS. CA	mg/L	30	26JUL2004 - 04APR2005	4	74.150	8.464	62.700	67.850	76.100	80.450	81.700	0	0	0.00%
S334	DIS. K	mg/L	29	26JUL2004 - 04APR2005	4	3.150	1.518	1.600	2.100	2.900	4.200	5.200	0	0	0.00%
S334	DIS. MG	mg/L	31	26JUL2004 - 04APR2005	4	11.650	5.057	7.600	8.000	10.150	15.300	18.700	0	0	0.00%
S334	DIS. NA	mg/L	28	26JUL2004 - 04APR2005	4	41.775	14.294	29.300	31.000	38.400	52.550	61.000	0	0	0.00%
S334	TOT. CL	mg/L	32	17MAY2004 - 18APR2005	17	65.535	18.201	42.100	47.700	68.000	74.400	92.600	0	0	0.00%
S334	TOT. SO4	mg/L	33	26JUL2004 - 04APR2005	4	12.275	11.718	1.100	4.250	9.750	20.300	28.500	0	0	0.00%
S334	DIS. SILICA	mg/L	27	26JUL2004 - 04APR2005	3	9.037	1.901	7.630	7.630	8.280	11.200	11.200	0	0	0.00%
S334	TOT. FE	mg/L	177	18MAY2004 - 18APR2005	3	0.104	0.026	0.074	0.074	0.116	0.122	0.122	0	0	0.00%
S334	TOT. AS	ug/L	106	18MAY2004 - 18MAY2004	1	2.000		<2	<2	<2	<2	<2	1	0	0.00%
S334	TOT. CD	ug/L	103	18MAY2004 - 18MAY2004	1	0.240		<0.24	<0.24	<0.24	<0.24	<0.24	1	0	0.00%
S334	TOT. CU	ug/L	104	18MAY2004 - 18MAY2004	1	0.310		<0.31	<0.31	<0.31	<0.31	<0.31	1	0	0.00%
S334	TOT. MTHY HG	ng/L	203	08JUL2004 - 13APR2005	4	0.112	0.030	0.087	0.088	0.105	0.135	0.150	0	0	0.00%
S334	TOT. PB	ug/L	107	18MAY2004 - 18MAY2004	1	2.200		2.200	2.200	2.200	2.200	2.200	0	0	0.00%
S334	BOD	mg/L		18MAY2004 - 18MAY2004	1	2.000		<2	<2	<2	<2	<2	1	0	0.00%
S334	CR3	ug/L	196	18MAY2004 - 18MAY2004	1	2.000		<2	<2	<2	<2	<2	1	0	0.00%
S334	CR6	ug/L	195	18MAY2004 - 18MAY2004	1	6.800		6.800	6.800	6.800	6.800	6.800	0	0	0.00%
S334	FCOLI-MF	CFU100ML	134	18MAY2004 - 18MAY2004	1	2.000		<2	<2	<2	<2	<2	1	0	0.00%
S334	TCOLI-MF	CFU100ML	132	18MAY2004 - 18MAY2004	1	10.000		<10	<10	<10	<10	<10	1	0	0.00%
S334	TOT. AG	ug/L	96	18MAY2004 - 18MAY2004	1	0.017		<0.017	<0.017	<0.017	<0.017	<0.017	1	0	0.00%
S334	TOT. ANTIMONY	ug/L	169	18MAY2004 - 18MAY2004	1	2.800		<2.8	<2.8	<2.8	<2.8	<2.8	1	0	0.00%
S334	TOT. BE	ug/L	170	18MAY2004 - 18MAY2004	1	0.017		<0.017	<0.017	<0.017	<0.017	<0.017	1	0	0.00%
S334	TOT. FL	mg/L	55	18MAY2004 - 18MAY2004	1	0.160		0.160	0.160	0.160	0.160	0.160	0	0	0.00%
S334	TOT. NI	ug/L	116	18MAY2004 - 18MAY2004	1	0.880		<0.88	<0.88	<0.88	<0.88	<0.88	1	0	0.00%
S334	TOT. SE	ug/L	84	18MAY2004 - 18MAY2004	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
S334	TOT. THALLIUM	ug/L	171	18MAY2004 - 18MAY2004	1	0.260		0.260	0.260	0.260	0.260	0.260	0	0	0.00%
US41-25	DO	mg/L	8	03MAY2004 - 18APR2005	25	3.195	0.711	1.300	2.640	3.450	3.620	4.360	0	25	100.00%
US41-25	FLDCOND.	UMHOS/CM	9	03MAY2004 - 18APR2005	24	384.950	145.518	0.504	322.000	437.000	480.000	516.000	0	0	0.00%
US41-25	PH	UNITS	10	03MAY2004 - 18APR2005	25	7.156	0.198	6.850	7.030	7.130	7.260	7.770	0	0	0.00%
US41-25	TURBIDITY	NTU	12	17MAY2004 - 18APR2005	17	1.853	1.264	0.600	1.000	1.200	2.100	4.900	0	0	0.00%
US41-25	TSS	mg/L	16	17MAY2004 - 18APR2005	17	3.647	1.579	<3	<3	<3	3.000	9.000	12	0	0.00%
US41-25	COLOR	UNITS	13	17MAY2004 - 18APR2005	17	26.529	11.086	15.000	19.000	25.000	27.000	54.000	0	0	0.00%
US41-25	HARDNESS	mg/L CACO3	35	17MAY2004 - 18APR2005	17	183.471	44.587	116.000	149.000	191.000	217.000	252.000	0	0	0.00%
US41-25	TEMP	CENT	7	03MAY2004 - 18APR2005	25	24.896	3.910	17.400	21.900	26.200	28.400	30.000	0	0	0.00%
US41-25	ALKALINITY	mg/L	67	17MAY2004 - 18APR2005	17	176.294	44.505	109.000	141.000	182.000	210.000	241.000	0	0	0.00%
US41-25	TN	mg N/L	80	17MAY2004 - 18APR2005	17	0.948	0.100	0.809	0.883	0.933	0.972	1.180	0	0	0.00%
US41-25	NOX	mg N/L	18;180	17MAY2004 - 18APR2005	13	0.026	0.016	<0.004	0.014	0.023	0.033	0.062	1	0	0.00%
US41-25	NO2	mg N/L	19	17MAY2004 - 18APR2005	16	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	15	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
US41-25	NO3	mg N/L	78	17MAY2004 - 18APR2005	12	0.024	0.015	<0.004	0.014	0.023	0.032	0.058	1	0	0.00%
US41-25	NH4	mg N/L	20	17MAY2004 - 18APR2005	17	0.062	0.029	<0.009	0.044	0.061	0.085	0.115	1	0	0.00%
US41-25	UN-IONIZED AMMONIA	mg/L	NONE	03MAY2004 - 18APR2005	17	0.001	0.001	0.000	0.000	0.000	0.001	0.004	0	0	0.00%
US41-25	NNH4	mg N/L	92	17MAY2004 - 18APR2005	13	0.086	0.044	<0.009	0.055	0.078	0.122	0.160	1	0	0.00%
US41-25	ORGN	mg N/L	79	17MAY2004 - 18APR2005	17	0.867	0.123	0.706	0.795	0.866	0.886	1.180	0	0	0.00%
US41-25	TKN	mg N/L	21	17MAY2004 - 18APR2005	17	0.928	0.105	0.780	0.860	0.910	0.940	1.180	0	0	0.00%
US41-25	OPO4	mg P/L	23	17MAY2004 - 18APR2005	16	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	14	0	0.00%
US41-25	ALKALINE PHOS	nM/minml	168	17MAY2004 - 22FEB2005	7	9.857	5.928	4.000	5.000	7.000	16.000	18.000	0	0	0.00%
US41-25	TP	mg P/L	25	03MAY2004 - 18APR2005	25	0.030	0.028	0.008	0.012	0.017	0.037	0.124	0	0	0.00%
US41-25	DIS. CA	mg/L	30	17MAY2004 - 18APR2005	17	68.306	16.466	43.200	55.300	71.100	80.400	94.200	0	0	0.00%
US41-25	DIS. K	mg/L	29	17MAY2004 - 18APR2005	17	0.629	0.231	0.300	0.400	0.600	0.800	1.000	0	0	0.00%
US41-25	DIS. MG	mg/L	31	17MAY2004 - 18APR2005	17	3.124	0.846	1.800	2.300	3.300	3.900	4.400	0	0	0.00%
US41-25	DIS. NA	mg/L	28	17MAY2004 - 18APR2005	17	13.100	3.778	7.200	10.800	13.300	15.200	19.800	0	0	0.00%
US41-25	TOT. CL	mg/L	32	17MAY2004 - 18APR2005	17	18.988	5.213	11.200	15.500	19.000	22.500	28.800	0	0	0.00%
US41-25	TOT. SO4	mg/L	33	26JUL2004 - 18OCT2004	3	0.100	0.000	<0.1	<0.1	<0.1	<0.1	<0.1	3	0	0.00%
US41-25	DIS. SILICA	mg/L	27	26JUL2004 - 18OCT2004	3	5.290	2.015	2.970	2.970	6.300	6.600	6.600	0	0	0.00%
US41-25	CAROTENOID	mg/m3	63	17MAY2004 - 07MAR2005	11	5.636	6.021	<1	2.000	4.000	8.000	19.000	1	0	0.00%
US41-25	CHLA	mg/m3	61	17MAY2004 - 07MAR2005	11	16.091	18.463	2.000	3.000	10.000	25.000	52.000	0	0	0.00%
US41-25	CHLA2	mg/m3	112	17MAY2004 - 07MAR2005	11	12.818	14.511	2.000	3.000	8.000	21.000	41.000	0	0	0.00%
US41-25	CHLB	mg/m3	62	17MAY2004 - 07MAR2005	11	1.455	1.214	<1	<1	<1	<1	5.000	9	0	0.00%
US41-25	CHLC	mg/m3	113	17MAY2004 - 07MAR2005	11	1.182	0.405	<1	<1	<1	<1	2.000	9	0	0.00%
US41-25	PHEOPHYTIN A	mg/m3	64	17MAY2004 - 07MAR2005	11	4.818	6.014	<1	<1	2.000	6.000	20.000	4	0	0.00%
S344	DO	mg/L	8	20MAY2004 - 16DEC2004	2	5.005	0.827	4.420	4.420	5.005	5.590	5.590	0	1	50.00%
S344	FLDCOND.	UMHOS/CM	9	20MAY2004 - 16DEC2004	3	280.000	92.860	174.000	174.000	319.000	347.000	347.000	0	0	0.00%
S344	PH	UNITS	10	20MAY2004 - 16DEC2004	3	7.193	0.172	7.040	7.040	7.160	7.380	7.380	0	0	0.00%
S344	TURBIDITY	NTU	12	20MAY2004 - 16DEC2004	3	1.900	1.646	0.900	0.900	1.000	3.800	3.800	0	0	0.00%
S344	TSS	mg/L	16	20MAY2004 - 16DEC2004	3	5.000	2.000	<3	<3	5.000	7.000	7.000	1	0	0.00%
S344	COLOR	UNITS	13	20MAY2004 - 16DEC2004	3	35.667	12.897	25.000	25.000	32.000	50.000	50.000	0	0	0.00%
S344	HARDNESS	mg/L CACO3	35	20MAY2004 - 16DEC2004	3	126.567	30.607	91.700	91.700	139.000	149.000	149.000	0	0	0.00%
S344	TEMP	CENT	7	20MAY2004 - 16DEC2004	3	27.300	0.721	26.500	26.500	27.500	27.900	27.900	0	0	0.00%
S344	ALKALINITY	mg/L	67	20MAY2004 - 16DEC2004	3	119.000	29.715	85.000	85.000	132.000	140.000	140.000	0	0	0.00%
S344	TN	mg N/L	80	20MAY2004 - 16DEC2004	3	1.169	0.369	0.788	0.788	1.195	1.525	1.525	0	0	0.00%
S344	NOX	mg N/L	18;180	20MAY2004 - 16DEC2004	3	0.013	0.004	0.008	0.008	0.015	0.015	0.015	0	0	0.00%
S344	NO2	mg N/L	19	20MAY2004 - 16DEC2004	3	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	3	0	0.00%
S344	NO3	mg N/L	78	20MAY2004 - 16DEC2004	3	0.013	0.004	0.008	0.008	0.015	0.015	0.015	0	0	0.00%
S344	NH4	mg N/L	20	20MAY2004 - 16DEC2004	3	0.048	0.023	0.023	0.023	0.053	0.069	0.069	0	0	0.00%
S344	UN-IONIZED AMMONIA	mg/L	NONE	20MAY2004 - 16DEC2004	3	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0	0	0.00%
S344	NNH4	mg N/L	92	20MAY2004 - 16DEC2004	3	0.061	0.027	0.031	0.031	0.068	0.084	0.084	0	0	0.00%
S344	ORGN	mg N/L	79	20MAY2004 - 16DEC2004	3	1.108	0.350	0.757	0.757	1.111	1.457	1.457	0	0	0.00%
S344	TKN	mg N/L	21	20MAY2004 - 16DEC2004	3	1.157	0.366	0.780	0.780	1.180	1.510	1.510	0	0	0.00%
S344	OPO4	mg P/L	23	20MAY2004 - 16DEC2004	3	0.004	0.000	<0.004	<0.004	<0.004	0.004	0.004	2	0	0.00%
S344	TP	mg P/L	25	20MAY2004 - 16DEC2004	3	0.035	0.035	0.011	0.011	0.020	0.075	0.075	0	0	0.00%
S344	DIS. CA	mg/L	30	20MAY2004 - 16DEC2004	3	46.133	10.748	33.800	33.800	51.100	53.500	53.500	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
S344	DIS. K	mg/L	29	20MAY2004 - 16DEC2004	3	0.766667	0.41633	0.3	0.3	0.9	1.1	1.1	0	0	0.00%
S344	DIS. MG	mg/L	31	20MAY2004 - 16DEC2004	3	2.767	0.950	1.800	1.800	2.800	3.700	3.700	0	0	0.00%
S344	DIS. NA	mg/L	28	20MAY2004 - 16DEC2004	3	11.667	4.980	6.400	6.400	12.300	16.300	16.300	0	0	0.00%
S344	TOT. CL	mg/L	32	20MAY2004 - 16DEC2004	3	18.367	8.103	9.300	9.300	20.900	24.900	24.900	0	0	0.00%
S344	TOT. SO4	mg/L	33	20MAY2004 - 16DEC2004	3	0.100	0.000	<0.1	<0.1	<0.1	<0.1	<0.1	3	0	0.00%
S344	DIS. SILICA	mg/L	27	20MAY2004 - 16DEC2004	3	3.547	1.921	1.660	1.660	3.480	5.500	5.500	0	0	0.00%
S344	TOT. FE	mg/L	177	20MAY2004 - 16DEC2004	3	0.093	0.021	0.071	0.071	0.094	0.113	0.113	0	0	0.00%
S176	DO	mg/L	8	19MAY2004 - 19APR2005	17	3.744	1.585	0.890	2.500	4.150	4.860	6.170	0	14	82.35%
S176	FLDCOND.	UMHOS/CM	9	19MAY2004 - 19APR2005	17	624.059	78.573	509.000	571.000	601.000	675.600	785.000	0	0	0.00%
S176	PH	UNITS	10	19MAY2004 - 19APR2005	17	7.411	0.203	6.990	7.310	7.460	7.520	7.720	0	0	0.00%
S176	TURBIDITY	NTU	12	19MAY2004 - 19APR2005	17	2.229	1.185	0.900	1.400	1.800	2.500	5.600	0	0	0.00%
S176	TSS	mg/L	16	19MAY2004 - 19APR2005	17	3.059	0.243	<3	<3	<3	<3	4.000	16	0	0.00%
S176	COLOR	UNITS	13	19MAY2004 - 19APR2005	17	37.235	13.782	16.000	31.000	35.000	46.000	61.000	0	0	0.00%
S176	HARDNESS	mg/L CACO3	35	19MAY2004 - 19APR2005	19	237.842	24.395	210.000	221.000	231.000	257.000	292.000	0	0	0.00%
S176	TEMP	CENT	7	19MAY2004 - 19APR2005	17	25.265	3.472	19.900	21.800	24.700	27.600	30.400	0	0	0.00%
S176	ALKALINITY	mg/L	67	19MAY2004 - 19APR2005	16	218.625	18.807	198.000	204.500	209.500	232.000	257.000	0	0	0.00%
S176	TN	mg N/L	80	19MAY2004 - 19APR2005	17	1.144	0.289	0.644	0.901	1.219	1.336	1.534	0	0	0.00%
S176	NOX	mg N/L	18;180	19MAY2004 - 19APR2005	14	0.058	0.040	0.011	0.023	0.057	0.076	0.153	0	0	0.00%
S176	NO2	mg N/L	19	19MAY2004 - 19APR2005	17	0.004	0.000	<0.004	<0.004	<0.004	0.004	0.005	9	0	0.00%
S176	NO3	mg N/L	78	19MAY2004 - 19APR2005	14	0.056	0.039	0.011	0.019	0.055	0.072	0.148	0	0	0.00%
S176	NH4	mg N/L	20	19MAY2004 - 19APR2005	17	0.158	0.093	0.020	0.089	0.154	0.206	0.383	0	0	0.00%
S176	UN-IONIZED AMMONIA	mg/L	NONE	19MAY2004 - 19APR2005	17	0.003	0.002	0.001	0.002	0.002	0.003	0.007	0	0	0.00%
S176	NNH4	mg N/L	92	19MAY2004 - 19APR2005	14	0.216	0.099	0.077	0.146	0.204	0.261	0.397	0	0	0.00%
S176	ORGN	mg N/L	79	19MAY2004 - 19APR2005	17	0.938	0.295	0.474	0.714	0.967	1.154	1.450	0	0	0.00%
S176	TKN	mg N/L	21	19MAY2004 - 19APR2005	17	1.096	0.263	0.630	0.880	1.190	1.260	1.470	0	0	0.00%
S176	OPO4	mg P/L	23	19MAY2004 - 19APR2005	17	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	15	0	0.00%
S176	ALKALINE PHOS	nM/minml	168	02JUN2004 - 19APR2005	10	11.500	6.258	4.000	5.000	13.000	17.000	22.000	0	0	0.00%
S176	TP	mg P/L	25	19MAY2004 - 19APR2005	17	0.009	0.004	0.005	0.006	0.007	0.010	0.020	0	0	0.00%
S176	DIS. CA	mg/L	30	19MAY2004 - 19APR2005	19	77.989	6.478	67.000	73.700	76.500	80.500	91.600	0	0	0.00%
S176	DIS. K	mg/L	29	19MAY2004 - 19APR2005	17	2.947	0.971	1.800	2.200	2.700	3.600	4.800	0	0	0.00%
S176	DIS. MG	mg/L	31	19MAY2004 - 19APR2005	19	10.463	3.542	5.700	7.800	9.300	12.900	18.500	0	0	0.00%
S176	DIS. NA	mg/L	28	19MAY2004 - 19APR2005	17	38.529	10.235	24.300	32.400	36.200	45.000	59.200	0	0	0.00%
S176	TOT. CL	mg/L	32	19MAY2004 - 19APR2005	17	58.276	15.330	36.100	50.100	56.700	68.700	87.000	0	0	0.00%
S176	TOT. SO4	mg/L	33	14JUL2004 - 20OCT2004	2	11.050	12.940	1.900	1.900	11.050	20.200	20.200	0	0	0.00%
S176	DIS. SILICA	mg/L	27	14JUL2004 - 20OCT2004	2	7.005	1.237	6.130	6.130	7.005	7.880	7.880	0	0	0.00%
S176	TOT. FE	mg/L	177	14JUL2004 - 05APR2005	4	0.230	0.148	0.108	0.128	0.186	0.332	0.439	0	0	0.00%
S176	TOT. CD	ug/L	103	07JUL2004 - 03JAN2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S176	TOT. CU	ug/L	104	07JUL2004 - 03JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S176	TOT. ZN	ug/L	105	07JUL2004 - 03JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S176	CAROTENOID	mg/m3	63	19MAY2004 - 19APR2005	14	2.357	1.499	<1	1.000	2.000	3.000	6.000	2	0	0.00%
S176	CHLA	mg/m3	61	19MAY2004 - 19APR2005	14	4.357	3.775	<1	2.000	4.000	5.000	14.000	1	0	0.00%
S176	CHLA2	mg/m3	112	19MAY2004 - 19APR2005	13	4.231	3.492	1.000	2.000	3.000	4.000	13.000	0	0	0.00%
S176	CHLB	mg/m3	62	19MAY2004 - 19APR2005	14	1	0	<1	<1	<1	<1	<1	14	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	CHLC	mg/m3	113	19MAY2004 - 19APR2005	14	1.000	0.000	<1	<1	<1	<1	1.000	13	0	0.00%
S176	PHEOPHYTIN A	mg/m3	64	19MAY2004 - 19APR2005	14	1.071	0.267	<1	<1	<1	<1	2.000	11	0	0.00%
S177	DO	mg/L	8	19MAY2004 - 19APR2005	24	4.091	2.226	0.490	2.090	4.475	5.535	7.960	0	15	62.50%
S177	FLDCOND.	UMHOS/CM	9	19MAY2004 - 19APR2005	24	561.933	58.237	498.300	516.500	538.000	596.500	707.000	0	0	0.00%
S177	PH	UNITS	10	19MAY2004 - 19APR2005	24	7.385	0.318	6.860	7.175	7.370	7.570	8.000	0	0	0.00%
S177	TURBIDITY	NTU	12	19MAY2004 - 19APR2005	21	1.943	0.930	0.800	1.100	2.000	2.400	4.500	0	0	0.00%
S177	TSS	mg/L	16	19MAY2004 - 19APR2005	21	3.000	0.000	<3	<3	<3	<3	<3	21	0	0.00%
S177	COLOR	UNITS	13	19MAY2004 - 19APR2005	21	22.95238	12.651	10	13	22	31	62	0	0	0.00%
S177	HARDNESS	mg/L CACO3	35	19MAY2004 - 19APR2005	23	222.348	21.419	204.000	206.000	212.000	231.000	279.000	0	0	0.00%
S177	TEMP	CENT	7	19MAY2004 - 19APR2005	24	24.567	3.227	19.500	21.800	24.700	26.800	31.200	0	0	0.00%
S177	ALKALINITY	mg/L	67	19MAY2004 - 19APR2005	20	205.200	14.443	189.000	195.500	199.000	213.500	243.000	0	0	0.00%
S177	TN	mg N/L	80	19MAY2004 - 19APR2005	21	0.802	0.275	0.457	0.568	0.726	1.033	1.400	0	0	0.00%
S177	NOX	mg N/L	18;180	19MAY2004 - 19APR2005	20	0.042	0.027	<0.004	0.017	0.046	0.059	0.111	1	0	0.00%
S177	NO2	mg N/L	19	19MAY2004 - 19APR2005	21	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.012	12	0	0.00%
S177	NO3	mg N/L	78	19MAY2004 - 19APR2005	19	0.039	0.026	<0.004	0.013	0.044	0.056	0.099	2	0	0.00%
S177	NH4	mg N/L	20	19MAY2004 - 19APR2005	21	0.073	0.037	<0.009	0.055	0.072	0.094	0.145	1	0	0.00%
S177	UN-IONIZED AMMONIA	mg/L	NONE	19MAY2004 - 19APR2005	21	0.001	0.001	0.000	0.001	0.001	0.001	0.006	0	0	0.00%
S177	NNH4	mg N/L	92	19MAY2004 - 19APR2005	20	0.116	0.052	<0.009	0.100	0.115	0.146	0.203	1	0	0.00%
S177	ORGN	mg N/L	79	19MAY2004 - 19APR2005	21	0.689	0.262	0.398	0.453	0.568	0.908	1.285	0	0	0.00%
S177	TKN	mg N/L	21	19MAY2004 - 19APR2005	21	0.762	0.267	0.450	0.530	0.680	0.970	1.340	0	0	0.00%
S177	OPO4	mg P/L	23	19MAY2004 - 19APR2005	21	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	20	0	0.00%
S177	ALKALINE PHOS	nM/minml	168	14JUL2004 - 19APR2005	7	7.714	4.461	4.000	5.000	6.000	9.000	17.000	0	0	0.00%
S177	TP	mg P/L	25	19MAY2004 - 19APR2005	22	0.007	0.004	0.003	0.005	0.006	0.007	0.019	0	0	0.00%
S177	DIS. CA	mg/L	30	19MAY2004 - 19APR2005	23	76.083	4.815	70.100	73.300	74.500	76.100	87.400	0	0	0.00%
S177	DIS. K	mg/L	29	19MAY2004 - 19APR2005	21	2.914	0.552	2.300	2.600	2.800	3.200	4.700	0	0	0.00%
S177	DIS. MG	mg/L	31	19MAY2004 - 19APR2005	23	7.848	2.651	5.300	5.600	6.800	9.600	14.700	0	0	0.00%
S177	DIS. NA	mg/L	28	19MAY2004 - 19APR2005	21	31.490	6.913	23.900	25.400	29.200	37.600	43.100	0	0	0.00%
S177	TOT. CL	mg/L	32	19MAY2004 - 19APR2005	21	48.319	10.280	35.800	39.200	45.700	58.400	66.700	0	0	0.00%
S177	TOT. SO4	mg/L	33	14JUL2004 - 20OCT2004	4	7.725	7.639	2.700	3.450	4.550	12.000	19.100	0	0	0.00%
S177	DIS. SILICA	mg/L	27	14JUL2004 - 20OCT2004	4	6.658	1.507	5.360	5.695	6.225	7.620	8.820	0	0	0.00%
S177	TOT. FE	mg/L	177	14JUL2004 - 05APR2005	5	0.213	0.051	0.155	0.189	0.206	0.224	0.293	0	0	0.00%
S177	TOT. CD	ug/L	103	07JUL2004 - 03JAN2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S177	TOT. CU	ug/L	104	07JUL2004 - 03JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S177	TOT. ZN	ug/L	105	07JUL2004 - 03JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S177	CAROTENOID	mg/m3	63	19MAY2004 - 19APR2005	11	2.091	1.814	<1	1.000	1.000	3.000	6.000	2	0	0.00%
S177	CHLA	mg/m3	61	19MAY2004 - 19APR2005	11	4.273	3.797	1.000	2.000	3.000	5.000	12.000	0	0	0.00%
S177	CHLA2	mg/m3	112	19MAY2004 - 19APR2005	11	4.091	3.113	1.000	2.000	4.000	4.000	10.000	0	0	0.00%
S177	CHLB	mg/m3	62	19MAY2004 - 19APR2005	11	1.000	0.000	<1	<1	<1	<1	<1	11	0	0.00%
S177	CHLC	mg/m3	113	19MAY2004 - 19APR2005	11	1.000	0.000	<1	<1	<1	<1	<1	11	0	0.00%
S177	PHEOPHYTIN A	mg/m3	64	19MAY2004 - 19APR2005	11	1.091	0.302	<1	<1	<1	1.000	2.000	8	0	0.00%
S178	DO	mg/L	8	05MAY2004 - 05APR2005	31	5.480	2.742	0.370	3.390	5.660	7.620	10.800	0	14	45.16%
S178	FLDCOND.	UMHOS/CM	9	05MAY2004 - 05APR2005	30	488.167	71.353	312.000	463.000	476.000	523.000	747.000	0	0	0.00%
S178	PH	UNITS	10	05MAY2004 - 05APR2005	31	7.644	0.582	6.680	7.150	7.540	8.080	8.970	0	4	12.90%

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 EXCUR-SIONS	% EXCUR-SIONS
S178	TURBIDITY	NTU	12	05MAY2004 - 05APR2005	12	9.658	11.632	1.200	2.950	5.550	10.950	43.400	0	1	8.33%
S178	TSS	mg/L	16	05MAY2004 - 05APR2005	13	10.538	13.333	<3	<3	6.000	11.000	52.000	5	0	0.00%
S178	COLOR	UNITS	13	05MAY2004 - 05APR2005	12	22.000	6.252	14.000	17.500	20.500	25.000	34.000	0	0	0.00%
S178	HARDNESS	mg/L CACO3	35	05MAY2004 - 05APR2005	15	161.140	41.703	70.200	136.000	170.000	186.000	234.000	0	0	0.00%
S178	TEMP	CENT	7	05MAY2004 - 05APR2005	31	24.829	4.430	15.300	21.000	26.000	28.500	30.000	0	0	0.00%
S178	ALKALINITY	mg/L	67	05MAY2004 - 05APR2005	12	138.250	46.480	55.000	108.500	152.000	171.000	198.000	0	0	0.00%
S178	TN	mg N/L	80	05MAY2004 - 05APR2005	13	1.234	0.829	0.520	0.749	0.920	1.339	3.498	0	0	0.00%
S178	NOX	mg N/L	18;180	05MAY2004 - 05APR2005	11	0.135	0.262	<0.004	0.008	0.022	0.037	0.709	1	0	0.00%
S178	NO2	mg N/L	19	05MAY2004 - 05APR2005	12	0.026	0.071	<0.004	<0.004	<0.004	<0.004	0.252	10	0	0.00%
S178	NO3	mg N/L	78	05MAY2004 - 05APR2005	10	0.118	0.217	<0.004	0.008	0.020	0.037	0.592	1	0	0.00%
S178	NH4	mg N/L	20	05MAY2004 - 05APR2005	13	0.033	0.028	<0.009	0.009	0.025	0.042	0.091	3	0	0.00%
S178	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2004 - 05APR2005	13	0.001	0.001	0.000	0.000	0.001	0.001	0.005	0	0	0.00%
S178	NNH4	mg N/L	92	05MAY2004 - 05APR2005	11	0.170	0.289	<0.009	0.018	0.054	0.079	0.794	1	0	0.00%
S178	ORGN	mg N/L	79	05MAY2004 - 05APR2005	13	1.089	0.795	0.503	0.731	0.770	0.975	3.473	0	0	0.00%
S178	TKN	mg N/L	21	05MAY2004 - 05APR2005	13	1.120	0.793	0.520	0.740	0.800	1.000	3.490	0	0	0.00%
S178	OPO4	mg P/L	23	05MAY2004 - 05APR2005	12	0.006	0.005	<0.004	<0.004	<0.004	0.001	0.022	9	0	0.00%
S178	ALKALINE PHOS	nM/minml	168	02JUN2004 - 06OCT2004	5	6.800	5.450	2.000	4.000	5.000	7.000	16.000	0	0	0.00%
S178	TP	mg P/L	25	05MAY2004 - 05APR2005	29	0.064	0.062	0.012	0.026	0.032	0.071	0.255	0	0	0.00%
S178	DIS. CA	mg/L	30	05MAY2004 - 05APR2005	15	54.56667	16.468	20.9	43.6	58.9	64.5	84.3	0	0	0.00%
S178	DIS. K	mg/L	29	05MAY2004 - 05APR2005	13	13.992	6.900	5.800	9.900	12.200	19.600	26.800	0	0	0.00%
S178	DIS. MG	mg/L	31	05MAY2004 - 05APR2005	15	6.047	0.974	4.400	5.500	5.900	6.500	7.900	0	0	0.00%
S178	DIS. NA	mg/L	28	05MAY2004 - 05APR2005	13	26.231	4.951	15.600	22.500	27.500	29.200	32.800	0	0	0.00%
S178	TOT. CL	mg/L	32	05MAY2004 - 05APR2005	13	44.108	8.940	28.200	37.200	44.000	46.800	60.400	0	0	0.00%
S178	TOT. SO4	mg/L	33	14JUL2004 - 11JAN2005	4	29.000	27.141	6.100	7.250	23.300	50.750	63.300	0	0	0.00%
S178	DIS. SILICA	mg/L	27	14JUL2004 - 20OCT2004	3	3.850	1.083	3.220	3.220	3.230	5.100	5.100	0	0	0.00%
S178	TOT. FE	mg/L	177	14JUL2004 - 05APR2005	5	0.065	0.042	0.012	0.033	0.084	0.084	0.114	0	0	0.00%
S178	TOT. CD	ug/L	103	07JUL2004 - 03JAN2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S178	TOT. CU	ug/L	104	07JUL2004 - 03JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S178	TOT. ZN	ug/L	105	07JUL2004 - 03JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S178	CAROTENOID	mg/m3	63	05MAY2004 - 06OCT2004	6	17.167	22.930	<1	4.000	9.000	18.000	62.000	1	0	0.00%
S178	CHLA	mg/m3	61	05MAY2004 - 06OCT2004	6	62.833	90.329	2.000	12.000	24.000	76.000	239.000	0	0	0.00%
S178	CHLA2	mg/m3	112	05MAY2004 - 06OCT2004	6	54.000	79.747	2.000	9.000	19.000	65.000	210.000	0	0	0.00%
S178	CHLB	mg/m3	62	05MAY2004 - 06OCT2004	6	16.500	26.304	<1	1.000	3.000	24.000	67.000	1	0	0.00%
S178	CHLC	mg/m3	113	05MAY2004 - 06OCT2004	6	1.167	0.408	<1	<1	<1	<1	2.000	5	0	0.00%
S178	PHEOPHYTIN A	mg/m3	64	05MAY2004 - 06OCT2004	6	13.500	15.745	<1	3.000	8.500	17.000	43.000	1	0	0.00%
S178Auto	TP	mg P/L	25	20OCT2004 - 27OCT2004	2	0.066	0.018	0.053	0.053	0.066	0.079	0.079	0	0	0.00%
S331-173	DO	mg/L	8	18MAY2004 - 20APR2005	23	2.827	1.608	0.340	1.510	2.800	4.600	5.190	0	21	91.30%
S331-173	FLDCOND.	UMHOS/CM	9	18MAY2004 - 20APR2005	22	629.191	69.547	486.000	590.200	618.000	679.000	760.000	0	0	0.00%
S331-173	LABCOND.	UMHOS/CM	14	18MAY2004 - 18MAY2004	1	516.000		516.000	516.000	516.000	516.000	516.000	0	0	0.00%
S331-173	PH	UNITS	10	18MAY2004 - 20APR2005	22	7.295	0.208	7.000	7.140	7.225	7.470	7.630	0	0	0.00%
S331-173	TURBIDITY	NTU	12	18MAY2004 - 20APR2005	21	1.857	0.606	1.000	1.400	1.800	2.300	3.100	0	0	0.00%
S331-173	TSS	mg/L	16	18MAY2004 - 20APR2005	22	2.977	0.107	<3	<3	<3	<3	3.000	20	0	0.00%
S331-173	COLOR	UNITS	13	18MAY2004 - 20APR2005	20	43.300	11.725	24.000	33.000	42.500	52.000	66.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCUR-SIONS	% EXCUR-SIONS
S331-173	HARDNESS	mg/L CACO3	35	13JUL2004 - 06APR2005	5	231.400	20.477	210.000	215.000	231.000	240.000	261.000	0	0	0.00%
S331-173	TEMP	CENT	7	18MAY2004 - 20APR2005	23	24.247	2.964	19.200	21.900	24.200	26.600	29.000	0	0	0.00%
S331-173	ALKALINITY	mg/L	67	18MAY2004 - 06APR2005	14	219.214	18.954	195.000	205.000	218.500	225.000	258.000	0	0	0.00%
S331-173	TOTAL DEPTH	METERS	99	18MAY2004 - 18MAY2004	1	0.6		0.6	0.6	0.6	0.6	0.6	0	0	0.00%
S331-173	TN	mg N/L	80	18MAY2004 - 20APR2005	21	1.259	0.218	0.853	1.141	1.270	1.447	1.626	0	0	0.00%
S331-173	NOX	mg N/L	18;180	18MAY2004 - 20APR2005	18	0.029	0.020	<0.004	0.015	0.024	0.041	0.074	1	0	0.00%
S331-173	NO2	mg N/L	19	18MAY2004 - 20APR2005	19	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	16	0	0.00%
S331-173	NO3	mg N/L	78	18MAY2004 - 20APR2005	18	0.028278	0.01919	<0.004	0.015	0.0235	0.041	0.074	1	0	0.00%
S331-173	NH4	mg N/L	20	18MAY2004 - 20APR2005	22	0.209	0.114	<0.004	0.118	0.189	0.286	0.449	1	0	0.00%
S331-173	UN-IONIZED AMMONIA	mg/L	NONE	18MAY2004 - 20APR2005	21	0.003	0.001	0.000	0.002	0.002	0.003	0.007	0	0	0.00%
S331-173	NNH4	mg N/L	92	18MAY2004 - 20APR2005	18	0.244	0.099	0.102	0.171	0.219	0.313	0.449	0	0	0.00%
S331-173	ORGN	mg N/L	79	18MAY2004 - 20APR2005	21	1.016	0.270	0.522	0.828	1.008	1.202	1.524	0	0	0.00%
S331-173	TKN	mg N/L	21	18MAY2004 - 20APR2005	21	1.235	0.209	0.830	1.130	1.270	1.410	1.570	0	0	0.00%
S331-173	OPO4	mg P/L	23	18MAY2004 - 20APR2005	21	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	13	0	0.00%
S331-173	TP	mg P/L	25	18MAY2004 - 20APR2005	21	0.008	0.004	0.005	0.006	0.007	0.009	0.020	0	0	0.00%
S331-173	DIS. CA	mg/L	30	13JUL2004 - 06APR2005	5	76.060	2.751	74.400	74.400	75.000	75.600	80.900	0	0	0.00%
S331-173	DIS. K	mg/L	29	13JUL2004 - 06APR2005	5	3.060	1.414	1.800	2.100	2.200	4.600	4.600	0	0	0.00%
S331-173	DIS. MG	mg/L	31	13JUL2004 - 06APR2005	5	10.020	4.643	5.800	6.700	9.200	10.900	17.500	0	0	0.00%
S331-173	DIS. NA	mg/L	28	13JUL2004 - 06APR2005	5	35.640	14.585	21.400	23.400	34.400	42.000	57.000	0	0	0.00%
S331-173	TOT. CL	mg/L	32	18MAY2004 - 20APR2005	21	58.971	16.414	32.200	51.500	58.300	70.700	87.300	0	0	0.00%
S331-173	TOT. SO4	mg/L	33	13JUL2004 - 06APR2005	5	9.420	10.981	1.300	1.500	1.500	20.000	22.800	0	0	0.00%
S331-173	DIS. SILICA	mg/L	27	13JUL2004 - 06APR2005	5	7.906	0.858	6.890	7.080	8.280	8.560	8.720	0	0	0.00%
S331-173	TOT. FE	mg/L	177	18MAY2004 - 18MAY2004	1	0.510		0.510	0.510	0.510	0.510	0.510	0	0	0.00%
S331-173	TOT. AS	ug/L	106	18MAY2004 - 18MAY2004	1	2.000		<2	<2	<2	<2	<2	1	0	0.00%
S331-173	TOT. CD	ug/L	103	18MAY2004 - 18MAY2004	1	0.240		<0.24	<0.24	<0.24	<0.24	<0.24	1	0	0.00%
S331-173	TOT. CU	ug/L	104	18MAY2004 - 18MAY2004	1	0.310		<0.31	<0.31	<0.31	<0.31	<0.31	1	0	0.00%
S331-173	TOT. MTHY HG	ng/L	203	07JUL2004 - 13APR2005	4	0.084	0.054	0.028	0.037	0.088	0.130	0.130	0	0	0.00%
S331-173	TOT. PB	ug/L	107	18MAY2004 - 18MAY2004	1	1.800		<1.8	<1.8	<1.8	<1.8	<1.8	1	0	0.00%
S331-173	BOD	mg/L		18MAY2004 - 18MAY2004	1	2.000		<2	<2	<2	<2	<2	1	0	0.00%
S331-173	CR3	ug/L	196	18MAY2004 - 18MAY2004	1	2.000		<2	<2	<2	<2	<2	1	0	0.00%
S331-173	CR6	ug/L	195	18MAY2004 - 18MAY2004	1	6.700		6.700	6.700	6.700	6.700	6.700	0	0	0.00%
S331-173	FCOLI-MF	CFU100ML	134	18MAY2004 - 18MAY2004	1	8.000		8.000	8.000	8.000	8.000	8.000	0	0	0.00%
S331-173	TCOLI-MF	CFU100ML	132	18MAY2004 - 18MAY2004	1	30.000		30.000	30.000	30.000	30.000	30.000	0	0	0.00%
S331-173	TOT. AG	ug/L	96	18MAY2004 - 18MAY2004	1	0.017		<0.017	<0.017	<0.017	<0.017	<0.017	1	0	0.00%
S331-173	TOT. ANTIMONY	ug/L	169	18MAY2004 - 18MAY2004	1	2.800		<2.8	<2.8	<2.8	<2.8	<2.8	1	0	0.00%
S331-173	TOT. BE	ug/L	170	18MAY2004 - 18MAY2004	1	0.017		<0.017	<0.017	<0.017	<0.017	<0.017	1	0	0.00%
S331-173	TOT. FL	mg/L	55	18MAY2004 - 18MAY2004	1	0.170		0.170	0.170	0.170	0.170	0.170	0	0	0.00%
S331-173	TOT. NI	ug/L	116	18MAY2004 - 18MAY2004	1	0.880		<0.88	<0.88	<0.88	<0.88	<0.88	1	0	0.00%
S331-173	TOT. SE	ug/L	84	18MAY2004 - 18MAY2004	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
S331-173	TOT. THALLIUM	ug/L	171	18MAY2004 - 18MAY2004	1	0.250		<0.25	<0.25	<0.25	<0.25	<0.25	1	0	0.00%
S332B	DO	mg/L	8	04MAY2004 - 20APR2005	39	2.437	1.444	0.360	1.130	2.430	3.300	5.380	0	37	94.87%
S332B	FLDCOND.	UMHOS/CM	9	04MAY2004 - 20APR2005	38	581.253	110.403	7.510	546.000	599.500	623.000	747.000	0	0	0.00%
S332B	PH	UNITS	10	04MAY2004 - 20APR2005	38	7.273	0.176	6.880	7.190	7.280	7.370	7.640	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCUR-SIONS	% EXCUR-SIONS
S332B	TURBIDITY	NTU	12	04MAY2004 - 20APR2005	23	2.000	0.616	1.000	1.600	2.100	2.300	3.200	0	0	0.00%
S332B	TSS	mg/L	16	04MAY2004 - 20APR2005	25	3.040	0.200	<3	<3	<3	<3	4.000	23	0	0.00%
S332B	HARDNESS	mg/L CACO3	35	15JUN2004 - 06APR2005	6	252.333	24.427	222.000	236.000	251.000	265.000	289.000	0	0	0.00%
S332B	TEMP	CENT	7	04MAY2004 - 20APR2005	39	25.022	2.889	19.900	22.900	25.200	26.900	30.200	0	0	0.00%
S332B	ALKALINITY	mg/L	67	15JUN2004 - 06APR2005	4	226.250	25.329	196.000	210.500	225.500	242.000	258.000	0	0	0.00%
S332B	TN	mg N/L	80	04MAY2004 - 20APR2005	25	1.157	0.237	0.650	1.030	1.169	1.273	1.599	0	0	0.00%
S332B	NOX	mg N/L	18;180	04MAY2004 - 20APR2005	22	0.038	0.029	<0.006	0.017	0.031	0.049	0.119	1	0	0.00%
S332B	NH4	mg N/L	20	04MAY2004 - 20APR2005	25	0.179	0.095	<0.009	0.107	0.173	0.227	0.380	1	0	0.00%
S332B	UN-IONIZED AMMONIA	mg/L	NONE	04MAY2004 - 20APR2005	23	0.002	0.001	0.000	0.001	0.002	0.003	0.006	0	0	0.00%
S332B	NNH4	mg N/L	92	04MAY2004 - 20APR2005	22	0.207	0.087	<0.009	0.163	0.204	0.251	0.392	1	0	0.00%
S332B	ORGN	mg N/L	79	04MAY2004 - 20APR2005	25	0.945	0.266	0.423	0.795	0.964	1.133	1.516	0	0	0.00%
S332B	TKN	mg N/L	21	04MAY2004 - 20APR2005	25	1.123	0.226	0.650	1.010	1.140	1.250	1.550	0	0	0.00%
S332B	OPO4	mg P/L	23	04MAY2004 - 20APR2005	25	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	23	0	0.00%
S332B	TP	mg P/L	25	04MAY2004 - 20APR2005	37	0.008	0.003	0.005	0.006	0.007	0.008	0.018	0	0	0.00%
S332B	DIS. CA	mg/L	30	15JUN2004 - 06APR2005	6	81.233	7.033	71.500	77.200	80.050	88.000	90.600	0	0	0.00%
S332B	DIS. K	mg/L	29	15JUN2004 - 06APR2005	4	3.350	1.215	2.200	2.300	3.400	4.400	4.400	0	0	0.00%
S332B	DIS. MG	mg/L	31	15JUN2004 - 06APR2005	6	12.000	3.359	8.800	9.400	10.750	15.200	17.100	0	0	0.00%
S332B	DIS. NA	mg/L	28	15JUN2004 - 06APR2005	4	42.900	9.344	34.100	36.750	40.750	49.050	56.000	0	0	0.00%
S332B	TOT. CL	mg/L	32	04MAY2004 - 20APR2005	25	55.640	14.136	33.000	47.900	55.600	59.900	87.700	0	0	0.00%
S332B	TOT. SO4	mg/L	33	15JUN2004 - 06APR2005	4	11.425	11.1431	1.3	1.8	11.25	21.05	21.9	0	0	0.00%
S332B	DIS. SILICA	mg/L	27	15JUN2004 - 06APR2005	4	8.000	0.480	7.330	7.655	8.145	8.345	8.380	0	0	0.00%
S332B	TOT. FE	mg/L	177	15JUN2004 - 06APR2005	4	0.246	0.122	0.132	0.146	0.228	0.345	0.394	0	0	0.00%
S332B	TOT. CD	ug/L	103	07JUL2004 - 04JAN2005	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S332B	TOT. CU	ug/L	104	07JUL2004 - 04JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S332B	TOT. MTHY HG	ng/L	203	07JUL2004 - 12OCT2004	2	0.090	0.071	0.040	0.040	0.090	0.140	0.140	0	0	0.00%
S332B	TOT. ZN	ug/L	105	07JUL2004 - 04JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332B	DIS. ORGAN. C	mg/L	89;181	15JUN2004 - 06APR2005	4	17.500	3.416	14.000	15.000	17.000	20.000	22.000	0	0	0.00%
S332B	TOT. DIS. P	mg P/L	26	04MAY2004 - 20APR2005	22	0.003	0.001	<0.002	0.002	0.003	0.004	0.007	2	0	0.00%
S332B	TOT. FIL RES.	mg/L	97	15JUN2004 - 06APR2005	5	388.000	35.826	348.000	362.000	383.000	411.000	436.000	0	0	0.00%
S332BAuto	DO	mg/L	8	10FEB2005 - 09MAR2005	2	5.050	2.135	3.540	3.540	5.050	6.560	6.560	0	1	50.00%
S332BAuto	FLDCOND.	UMHOS/CM	9	10FEB2005 - 09MAR2005	2	642.000	49.497	607.000	607.000	642.000	677.000	677.000	0	0	0.00%
S332BAuto	PH	UNITS	10	10FEB2005 - 09MAR2005	2	7.445	0.106	7.370	7.370	7.445	7.520	7.520	0	0	0.00%
S332BAuto	TEMP	CENT	7	10FEB2005 - 09MAR2005	2	20.580	0.396	20.300	20.300	20.580	20.860	20.860	0	0	0.00%
S332BAuto	TN	mg N/L	80	04MAY2004 - 23FEB2005	34	1.069	0.272	<0.5	0.837	1.093	1.282	1.573	2	0	0.00%
S332BAuto	NOX	mg N/L	18;180	26MAY2004 - 23FEB2005	26	0.032	0.015	0.007	0.020	0.029	0.043	0.065	0	0	0.00%
S332BAuto	TKN	mg N/L	21	04MAY2004 - 15FEB2005	32	1.082	0.234	0.680	0.860	1.090	1.265	1.560	0	0	0.00%
S332BAuto	TP	mg P/L	25	04MAY2004 - 15FEB2005	34	0.009	0.004	0.005	0.006	0.008	0.010	0.019	0	0	0.00%
S332C	DO	mg/L	8	04MAY2004 - 26APR2005	45	2.786	1.660	0.190	1.290	2.930	3.920	5.540	0	39	86.67%
S332C	FLDCOND.	UMHOS/CM	9	04MAY2004 - 26APR2005	44	599.039	65.179	512.000	558.000	585.200	637.000	780.000	0	0	0.00%
S332C	PH	UNITS	10	04MAY2004 - 26APR2005	44	7.265	0.236	6.660	7.130	7.260	7.440	7.720	0	0	0.00%
S332C	TURBIDITY	NTU	12	04MAY2004 - 20APR2005	23	1.870	0.701	1.000	1.200	1.800	2.600	3.000	0	0	0.00%
S332C	TSS	mg/L	16	04MAY2004 - 20APR2005	25	3.000	0.000	<3	<3	<3	<3	<3	25	0	0.00%
S332C	HARDNESS	mg/L CACO3	35	15JUN2004 - 06APR2005	6	250.333	26.303	226.000	227.000	244.000	274.000	287.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCUR-SIONS	% EXCUR-SIONS
S332C	TEMP	CENT	7	04MAY2004 - 26APR2005	45	24.927	2.622	20.000	23.400	25.400	26.200	29.700	0	0	0.00%
S332C	ALKALINITY	mg/L	67	15JUN2004 - 06APR2005	4	225.750	24.744	199.000	206.500	224.000	245.000	256.000	0	0	0.00%
S332C	TN	mg N/L	80	04MAY2004 - 20APR2005	25	1.092	0.272	0.580	0.960	1.059	1.265	1.608	0	0	0.00%
S332C	NOX	mg N/L	18;180	04MAY2004 - 20APR2005	22	0.042	0.033	<0.006	0.017	0.039	0.055	0.136	1	0	0.00%
S332C	NH4	mg N/L	20	04MAY2004 - 20APR2005	25	0.180	0.082	0.030	0.147	0.171	0.212	0.388	0	0	0.00%
S332C	UN-IONIZED AMMONIA	mg/L	NONE	04MAY2004 - 26APR2005	24	0.002	0.001	0.001	0.001	0.002	0.003	0.006	0	0	0.00%
S332C	NNH4	mg N/L	92	04MAY2004 - 20APR2005	22	0.214	0.069	0.088	0.175	0.194	0.258	0.384	0	0	0.00%
S332C	ORGN	mg N/L	79	04MAY2004 - 20APR2005	25	0.875	0.288	0.405	0.672	0.820	1.113	1.520	0	0	0.00%
S332C	TKN	mg N/L	21	04MAY2004 - 20APR2005	25	1.056	0.250	0.580	0.920	1.020	1.210	1.550	0	0	0.00%
S332C	OPO4	mg P/L	23	04MAY2004 - 20APR2005	25	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.008	18	0	0.00%
S332C	TP	mg P/L	25	04MAY2004 - 26APR2005	42	0.008	0.003	0.004	0.006	0.007	0.009	0.018	0	0	0.00%
S332C	DIS. CA	mg/L	30	15JUN2004 - 06APR2005	6	80.900	5.714	73.400	77.800	79.650	85.400	89.500	0	0	0.00%
S332C	DIS. K	mg/L	29	15JUN2004 - 06APR2005	4	3.425	1.307	2.200	2.300	3.400	4.550	4.700	0	0	0.00%
S332C	DIS. MG	mg/L	31	15JUN2004 - 06APR2005	6	11.733	4.166	7.700	8.000	10.600	15.400	18.100	0	0	0.00%
S332C	DIS. NA	mg/L	28	15JUN2004 - 06APR2005	4	42.975	11.020	33.000	35.250	40.300	50.700	58.300	0	0	0.00%
S332C	TOT. CL	mg/L	32	04MAY2004 - 20APR2005	25	55.340	14.274	34.600	44.000	52.400	63.600	89.200	0	0	0.00%
S332C	TOT. SO4	mg/L	33	15JUN2004 - 06APR2005	4	12.225	11.414	1.600	2.450	11.700	22.000	23.900	0	0	0.00%
S332C	DIS. SILICA	mg/L	27	15JUN2004 - 06APR2005	4	7.973	0.494	7.380	7.660	7.960	8.285	8.590	0	0	0.00%
S332C	TOT. FE	mg/L	177	15JUN2004 - 06APR2005	4	0.242	0.128	0.115	0.136	0.232	0.348	0.389	0	0	0.00%
S332C	TOT. CD	ug/L	103	07JUL2004 - 04JAN2005	2	0.3	0	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S332C	TOT. CU	ug/L	104	04JAN2005 - 04JAN2005	1	1.200		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S332C	TOT. MTHY HG	ng/L	203	07JUL2004 - 12OCT2004	2	0.083	0.067	0.035	0.035	0.083	0.130	0.130	0	0	0.00%
S332C	TOT. ZN	ug/L	105	07JUL2004 - 04JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332C	DIS. ORGAN. C	mg/L	89;181	15JUN2004 - 06APR2005	4	17.000	4.163	12.000	14.000	17.000	20.000	22.000	0	0	0.00%
S332C	TOT. DIS. P	mg P/L	26	04MAY2004 - 20APR2005	22	0.003	0.001	<0.002	0.002	0.003	0.004	0.007	2	0	0.00%
S332C	TOT. FIL RES.	mg/L	97	15JUN2004 - 06APR2005	5	397.200	40.905	337.000	395.000	397.000	405.000	452.000	0	0	0.00%
S332CAuto	DO	mg/L	8	10FEB2005 - 10FEB2005	1	3.560		3.560	3.560	3.560	3.560	3.560	0	1	100.00%
S332CAuto	FLDCOND.	UMHOS/CM	9	10FEB2005 - 10FEB2005	1	661.000		661.000	661.000	661.000	661.000	661.000	0	0	0.00%
S332CAuto	PH	UNITS	10	10FEB2005 - 10FEB2005	1	7.500		7.500	7.500	7.500	7.500	7.500	0	0	0.00%
S332CAuto	TEMP	CENT	7	10FEB2005 - 10FEB2005	1	21.000		21.000	21.000	21.000	21.000	21.000	0	0	0.00%
S332CAuto	TN	mg N/L	80	04MAY2004 - 26APR2005	44	1.105	0.276	0.662	0.900	1.085	1.308	1.631	0	0	0.00%
S332CAuto	NOX	mg N/L	18;180	26MAY2004 - 26APR2005	36	0.044	0.033	0.009	0.020	0.031	0.059	0.141	0	0	0.00%
S332CAuto	TKN	mg N/L	21	04MAY2004 - 26APR2005	44	1.069	0.255	0.640	0.890	1.070	1.250	1.560	0	0	0.00%
S332CAuto	TP	mg P/L	25	04MAY2004 - 26APR2005	45	0.010	0.006	0.005	0.006	0.008	0.011	0.034	0	0	0.00%
S332D	DO	mg/L	8	05MAY2004 - 26APR2005	37	3.645	1.693	0.230	1.960	4.060	5.020	6.080	0	27	72.97%
S332D	FLDCOND.	UMHOS/CM	9	05MAY2004 - 26APR2005	36	606.322	66.285	508.000	566.000	594.500	638.500	774.000	0	0	0.00%
S332D	PH	UNITS	10	05MAY2004 - 26APR2005	37	7.389	0.212	6.900	7.310	7.420	7.530	7.780	0	0	0.00%
S332D	TURBIDITY	NTU	12	05MAY2004 - 19APR2005	26	1.938	1.067	1.000	1.200	1.700	2.200	5.100	0	0	0.00%
S332D	TSS	mg/L	16	05MAY2004 - 19APR2005	26	3.000	0.000	<3	<3	<3	<3	3.000	25	0	0.00%
S332D	HARDNESS	mg/L CACO3	35	16JUN2004 - 05APR2005	8	243.000	29.150	213.000	221.500	229.500	269.000	291.000	0	0	0.00%
S332D	TEMP	CENT	7	05MAY2004 - 26APR2005	37	24.900	3.046	19.900	22.300	24.600	26.900	30.800	0	0	0.00%
S332D	ALKALINITY	mg/L	67	16JUN2004 - 05APR2005	6	218.833	22.746	198.000	203.000	211.500	231.000	258.000	0	0	0.00%
S332D	TN	mg N/L	80	05MAY2004 - 19APR2005	26	1.075	0.281	0.655	0.870	1.074	1.299	1.562	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCUR-SIONS	% EXCUR-SIONS
S332D	NOX	mg N/L	18;180	05MAY2004 - 19APR2005	21	0.054	0.042	0.012	0.020	0.053	0.073	0.152	0	0	0.00%
S332D	NH4	mg N/L	20	05MAY2004 - 19APR2005	26	0.161	0.079	0.021	0.105	0.147	0.190	0.382	0	0	0.00%
S332D	UN-IONIZED AMMONIA	mg/L	NONE	05MAY2004 - 26APR2005	26	0.003	0.002	0.001	0.002	0.002	0.003	0.008	0	0	0.00%
S332D	NNH4	mg N/L	92	05MAY2004 - 19APR2005	21	0.217	0.079	0.083	0.162	0.205	0.252	0.397	0	0	0.00%
S332D	ORGN	mg N/L	79	05MAY2004 - 19APR2005	26	0.870	0.278	0.472	0.648	0.823	1.085	1.479	0	0	0.00%
S332D	TKN	mg N/L	21	05MAY2004 - 19APR2005	26	1.031	0.255	0.640	0.870	1.015	1.240	1.500	0	0	0.00%
S332D	OPO4	mg P/L	23	05MAY2004 - 19APR2005	27	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.009	22	0	0.00%
S332D	TP	mg P/L	25	05MAY2004 - 26APR2005	36	0.008	0.004	0.004	0.006	0.007	0.009	0.029	0	0	0.00%
S332D	DIS. CA	mg/L	30	16JUN2004 - 05APR2005	8	80.263	6.157	73.600	76.050	78.900	83.900	90.800	0	0	0.00%
S332D	DIS. K	mg/L	29	16JUN2004 - 05APR2005	6	3.000	1.285	2.000	2.100	2.300	4.600	4.700	0	0	0.00%
S332D	DIS. MG	mg/L	31	16JUN2004 - 05APR2005	8	10.313	4.489	5.600	6.950	9.250	13.250	18.000	0	0	0.00%
S332D	DIS. NA	mg/L	28	16JUN2004 - 05APR2005	6	36.800	12.756	24.000	24.300	35.850	42.900	57.900	0	0	0.00%
S332D	TOT. CL	mg/L	32	05MAY2004 - 19APR2005	26	54.254	13.922	34.600	44.600	51.100	62.800	85.800	0	0	0.00%
S332D	TOT. SO4	mg/L	33	16JUN2004 - 05APR2005	6	9.133	11.041	1.400	1.700	2.650	20.600	25.800	0	0	0.00%
S332D	DIS. SILICA	mg/L	27	16JUN2004 - 05APR2005	6	7.410	0.930	6.160	6.520	7.595	7.990	8.600	0	0	0.00%
S332D	TOT. FE	mg/L	177	16JUN2004 - 05APR2005	5	0.257	0.140	0.098	0.133	0.272	0.367	0.416	0	0	0.00%
S332D	TOT. CD	ug/L	103	07JUL2004 - 04JAN2005	2	0.3	0	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S332D	TOT. CU	ug/L	104	07JUL2004 - 04JAN2005	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S332D	TOT. MTHY HG	ng/L	203	07JUL2004 - 13APR2005	4	0.070	0.057	<0.022	0.002	0.060	0.117	0.140	1	0	0.00%
S332D	TOT. ZN	ug/L	105	07JUL2004 - 04JAN2005	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332D	DIS. ORGAN. C	mg/L	89;181	16JUN2004 - 05APR2005	5	14.600	5.983	8.000	9.000	16.000	18.000	22.000	0	0	0.00%
S332D	TOT. DIS. P	mg P/L	26	05MAY2004 - 19APR2005	23	0.004	0.003	<0.002	0.002	0.003	0.004	0.014	4	0	0.00%
S332D	TOT. FIL RES.	mg/L	97	16JUN2004 - 19APR2005	7	370.571	65.449	267.000	315.000	387.000	409.000	464.000	0	0	0.00%
S332DAS	DO	mg/L	8	04AUG2004 - 24NOV2004	9	2.234	1.235	0.830	1.380	1.730	2.790	4.790	0	9	100.00%
S332DAS	FLDCOND.	UMHOS/CM	9	04AUG2004 - 24NOV2004	9	537.778	27.408	510.000	516.000	530.000	552.000	582.000	0	0	0.00%
S332DAS	PH	UNITS	10	04AUG2004 - 24NOV2004	9	7.206	0.170	6.950	7.130	7.190	7.240	7.590	0	0	0.00%
S332DAS	TEMP	CENT	7	04AUG2004 - 24NOV2004	9	26.572	1.534	24.750	25.600	26.100	27.400	29.600	0	0	0.00%
S332DAS	TP	mg P/L	25	04AUG2004 - 12NOV2004	7	0.006	0.001	0.005	0.005	0.006	0.008	0.008	0	0	0.00%
S332DASA	TN	mg N/L	80	11AUG2004 - 15MAR2005	26	0.904	0.285	<0.5	0.715	0.857	0.960	1.552	1	0	0.00%
S332DASA	NOX	mg N/L	18;180	25AUG2004 - 01MAR2005	21	0.077	0.030	0.009	0.066	0.079	0.088	0.139	0	0	0.00%
S332DASA	NH4	mg N/L	20	12NOV2004 - 15MAR2005	5	0.124	0.039	0.071	0.112	0.121	0.135	0.179	0	0	0.00%
S332DASA	NNH4	mg N/L	92	15FEB2005 - 01MAR2005	3	0.209	0.040	0.172	0.172	0.205	0.251	0.251	0	0	0.00%
S332DASA	ORGN	mg N/L	79	12NOV2004 - 15MAR2005	5	1.150	0.164	0.889	1.135	1.149	1.278	1.301	0	0	0.00%
S332DASA	TKN	mg N/L	21	11AUG2004 - 15MAR2005	25	0.859	0.277	0.580	0.640	0.770	0.930	1.480	0	0	0.00%
S332DASA	TP	mg P/L	25	11AUG2004 - 15MAR2005	26	0.011	0.008	0.005	0.007	0.008	0.011	0.048	0	0	0.00%