

Appendix 3A-4b: Summary Statistics of Non-ECP Water Quality Monitoring Data for Water Year 2006

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APPENDIX NOTES:

Summary statistics are tabulated in **Table 3** for all parameters collected during Water Year 2006 (WY2006) (May 1, 2005 through April 30, 2006) 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 3A-4, 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 Test 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.**

AREA	Non-ECP PERMIT STRUCTURE	WATER QUALITY SAMPLING SITE	WATER QUALITY MONITORING SCHEDULE						WATER QUALITY COMMENTS
			Physical	Nutrients	Major Ions	Trace Metals	Pesticides Water	Pesticides Sediment	
INTO	ACME1DS	ACME1DS	BWF/M	BWF/M	QTR	SA	QTR	SA	
	ACME1 + (Upstream of ACME1DS)	VOW1		Weekly Flowing (autosampler)					Sampling conducted by Village of Wellington. TP collected by autosampler.
	G-94D	G94D	BWF/M	BWF/M	QTR	SA	QTR	SA	
	ACME2 + (Upstream of G94D)	VOW2		Weekly Flowing (autosampler)					Sampling conducted by Village of Wellington. TP collected by autosampler.
	G-123	G123	BWF/M	BWF/M (autosampler)	QTR	SA	QTR	SA	
	S-9	S9	BWF/M	Weekly Flowing (autosampler)	QTR	SA	QTR	SA	TP collected by autosampler.
	S-9A	S9A	BWF/M	BWF/M except TP-W/F/M Grab (autosampler)	QTR				Sampling started in WY2003
	S-174	S176	BWF/M	BWF/M	QTR	SA	QTR	SA	
	S-332D	S176 & S332DAS	BWF	BWF			QTR		
	S-18C	S18C	BWF/M	BWF/M (autosampler)	QTR	SA	QTR	SA	
	S-140	S140	BWF/M	BWF/M (autosampler)	QTR	SA	QTR	SA	TP collected by autosampler, nitrogen species collected by grab
	S-190	S190	BWF/M	BWF/M (autosampler)	QTR	SA	QTR	SA	TP collected by autosampler, nitrogen species collected by grab
	NSID1	NSIDSP01	BWF	BWF	QTRF	SAF	QTRF	SAF	TP collected by autosampler
		S38B	BWF	BWF	QTRF	SAF	QTRF	SAF	
WITHIN	G-64	G64	BWF	BWF	QTRF *				Monitoring Fe, Mg, Ca phased out *
	G-69	G69	BWF	BWF	QTRF *				Monitoring Fe, Mg, Ca phased out *
	S-346, S-347	S12D	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *
	S-141	S34	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *
	S-142	S142	BWF/M	BWF/M	QTR *		QTRF	SAF	Monitoring Fe, Mg, Ca phased out *
	S-143	S11A	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *
	S-144	S145							Discontinued sampling in favor of surrogate location at S-145 *
	S-145	S145	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *
	S-146	S145							Discontinued sampling in favor of surrogate location at S-145 *
	S-151	S151	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *
	S-333	S333	BWF/M	BWF/M	QTR	SA			
	S-339, S-340	C123SR84	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *
	S-175	S175	BWF/M	BWF/M	QTR	SA			
	S-332	S332	BWF/M	BWF/M	QTR	SA	QTR	SA	
	Berm B3	BermB3	BWF	BWF			QTR		
	G-94A, G-94B, G-94C	G94B	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *
	S-31	S31	BWF/M	BWF/M	QTR *		QTR	SA	Monitoring Fe, Mg, Ca phased out *
S-34	S34	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *	
S-38	S38	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *	
S-39	S39	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *	
S-197	S197	BWF	BWF	QTRF *				Monitoring Fe, Mg, Ca phased out *	
S-334	S334	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *	
S-337	S31	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *	
S-343A, S-343B	US41-25	BWF/M	BWF/M	QTR *				Monitoring Fe, Mg, Ca phased out *	
S-344	S344	QTR	QTR	QTR *				Monitoring Fe, Mg, Ca phased out *	
C-111 BASIN	S-176 +	S176	BWF/M	BWF/M	QTR	SA	QTR	SA	
	S-177 +	S177	BWF/M	BWF/M	QTR	SA	QTR	SA	
	S-178 +	S178	BWF/M	BWF/M	QTR	SA	QTR	SA	
	S-331 +, S-173 +	S331-173	BWF/M	BWF/M	QTR	SA			
		S331					QTR	SA	S173 is not listed in Permit, but is adjacent to and flows in same direction as S331
	S-332B+	S332B	BWF	BWF			QTR		S-332B, and S332C are not listed in Non-ECP permit, but they are in Emergency Order # 9.
S-332C+	S332C	BWF	BWF			QTR			

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.
 3) * indicates monitoring requirement eliminated in the November 1999 Non-ECP Permit Modification.
 4) Table Legend:

BWF/M = Biweekly if Flowing/Otherwise Monthly
 BWF = Biweekly if Flowing
 QTR = Quarterly
 QTRF = Quarterly if Flowing
 SA = Semiannually
 SAF = Semiannually if Flowing
 1 WS - 1 DS = 1 Wet Season and 1 Dry Season

Table 3. Summary statistics of non-ECP water quality monitoring data (physical parameters, nutrients, major ions, and trace metals) collected during Water Year 2006 (WY2006) (May 1, 2005 through April 30, 2006).

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
ACME1DS	DO	mg/L	8	23MAY2005 - 13APR2006	14	5.002	1.128	3.270	4.280	4.925	5.660	6.950	0	7	50.00%
ACME1DS	FLDCOND.	UMHOS/CM	9	23MAY2005 - 13APR2006	15	775.400	124.835	590.000	648.000	777.000	861.000	1024.000	0	0	0.00%
ACME1DS	PH	UNITS	10	23MAY2005 - 13APR2006	15	7.471	0.249	7.170	7.230	7.480	7.700	7.920	0	0	0.00%
ACME1DS	TURBIDITY	NTU	12	23MAY2005 - 13APR2006	15	4.433	2.091	2.200	2.800	3.500	6.300	8.800	0	0	0.00%
ACME1DS	TSS	mg/L	16	23MAY2005 - 13APR2006	15	5.46667	2.19957	<3	4	5	7	10	2	0	0.00%
ACME1DS	COLOR	UNITS	13	23MAY2005 - 13APR2006	15	95.267	8.900	77.000	90.000	94.000	101.000	115.000	0	0	0.00%
ACME1DS	HARDNESS	mg/L CaCO3	35	06JUN2005 - 13MAR2006	6	239.500	23.416	208.000	221.000	238.500	261.000	270.000	0	0	0.00%
ACME1DS	TEMP	CENT	7	23MAY2005 - 13APR2006	15	26.387	4.403	16.600	23.600	28.500	29.900	31.200	0	0	0.00%
ACME1DS	ALKALINITY	mg/L	67	23MAY2005 - 13APR2006	15	205.067	23.252	171.000	183.000	197.000	229.000	240.000	0	0	0.00%
ACME1DS	TN	mg N/L	80	23MAY2005 - 13APR2006	15	1.985	0.271	1.608	1.784	1.922	2.194	2.577	0	0	0.00%
ACME1DS	NOX	mg N/L	18;180	23MAY2005 - 13APR2006	15	0.096	0.073	0.018	0.050	0.081	0.132	0.319	0	0	0.00%
ACME1DS	NO2	mg N/L	19	23MAY2005 - 13APR2006	15	0.016	0.011	0.004	0.008	0.015	0.022	0.047	0	0	0.00%
ACME1DS	NO3	mg N/L	78	23MAY2005 - 13APR2006	15	0.080	0.068	0.014	0.041	0.066	0.101	0.293	0	0	0.00%
ACME1DS	NH4	mg N/L	20	23MAY2005 - 13APR2006	15	0.104	0.101	0.023	0.033	0.059	0.191	0.335	0	0	0.00%
ACME1DS	UN-IONIZED AMMONIA	mg/L	NONE	23MAY2005 - 13APR2006	15	0.002	0.001	0.001	0.001	0.002	0.003	0.005	0	0	0.00%
ACME1DS	NNH4	mg N/L	92	23MAY2005 - 13APR2006	15	0.200	0.121	0.060	0.086	0.193	0.276	0.419	0	0	0.00%
ACME1DS	ORGN	mg N/L	79	23MAY2005 - 13APR2006	15	1.785	0.301	1.425	1.575	1.674	2.001	2.517	0	0	0.00%
ACME1DS	TKN	mg N/L	21	23MAY2005 - 13APR2006	15	1.889	0.258	1.540	1.730	1.860	2.060	2.540	0	0	0.00%
ACME1DS	OPO4	mg P/L	23	23MAY2005 - 13APR2006	15	0.015	0.013	<0.004	<0.004	0.012	0.025	0.049	4	0	0.00%
ACME1DS	TP	mg P/L	25	23MAY2005 - 13APR2006	15	0.069	0.017	0.048	0.056	0.064	0.082	0.111	0	0	0.00%
ACME1DS	DIS. CA	mg/L	30	06JUN2005 - 13MAR2006	6	77.017	5.380	70.800	71.900	76.400	83.100	83.500	0	0	0.00%
ACME1DS	DIS. K	mg/L	29	06JUN2005 - 13MAR2006	4	6.125	1.132	5.100	5.200	5.950	7.050	7.500	0	0	0.00%
ACME1DS	DIS. MG	mg/L	31	06JUN2005 - 13MAR2006	6	11.433	4.919	6.800	7.000	11.000	15.600	17.200	0	0	0.00%
ACME1DS	DIS. NA	mg/L	28	06JUN2005 - 13MAR2006	4	65.575	21.144	47.400	47.900	62.450	83.250	90.000	0	0	0.00%
ACME1DS	TOT. CL	mg/L	32	23MAY2005 - 13APR2006	15	99.193	26.462	62.300	75.200	93.600	124.000	142.000	0	0	0.00%
ACME1DS	TOT. SO4	mg/L	33	06JUN2005 - 13MAR2006	4	27.725	11.873	17.500	17.650	26.350	37.800	40.700	0	0	0.00%
ACME1DS	DIS. SILICA	mg/L	27	06JUN2005 - 13MAR2006	4	7.755	1.679	6.420	6.470	7.300	9.040	10.000	0	0	0.00%
ACME1DS	TOT. FE	mg/L	177	06JUN2005 - 13MAR2006	4	0.180	0.087	0.098	0.104	0.180	0.255	0.260	0	0	0.00%
ACME1DS	TOT. CD	ug/L	103	24AUG2005 - 15FEB2006	2	0.600	0.424	<0.3	<0.3	0.300	0.900	0.900	1	0	0.00%
ACME1DS	TOT. CU	ug/L	104	24AUG2005 - 15FEB2006	2	3.150	1.061	2.400	2.400	3.150	3.900	3.900	0	0	0.00%
ACME1DS	TOT. MTHY HG	ug/L	203	15JUN2005 - 15FEB2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0	0	0.00%
ACME1DS	TOT. ZN	ug/L	105	24AUG2005 - 15FEB2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
ACME1DS	TOT. ULTRA TRACE HG	ug/L	207	15JUN2005 - 15FEB2006	2	0.001	0.000	0.001	0.001	0.001	0.002	0.002	0	0	0.00%
VOW1	TP	mg P/L	25	31MAY2005 - 08FEB2006	20	0.066	0.028	0.039	0.048	0.059	0.077	0.160	0	0	0.00%
VOW1Auto	TP	mg P/L	25	02JUN2005 - 01MAR2006	25	0.077	0.024	0.039	0.063	0.069	0.093	0.140	0	0	0.00%
G94D	DO	mg/L	8	23MAY2005 - 13APR2006	15	4.334	1.453	2.630	3.190	4.080	5.120	7.780	0	11	73.33%
G94D	FLDCOND.	UMHOS/CM	9	23MAY2005 - 13APR2006	16	658.813	166.064	480.000	536.500	585.500	804.500	1013.000	0	0	0.00%
G94D	PH	UNITS	10	23MAY2005 - 13APR2006	16	7.368	0.302	7.010	7.105	7.275	7.710	7.820	0	0	0.00%
G94D	TURBIDITY	NTU	12	23MAY2005 - 13APR2006	16	5.106	2.171	2.400	3.550	4.450	6.250	10.200	0	0	0.00%
G94D	TSS	mg/L	16	23MAY2005 - 13APR2006	16	8.000	5.944	<3	4.000	6.000	10.000	26.000	1	0	0.00%
G94D	COLOR	UNITS	13	23MAY2005 - 13APR2006	15	81.400	12.608	62.000	71.000	80.000	92.000	103.000	0	0	0.00%
G94D	HARDNESS	mg/L CaCO3	35	06JUN2005 - 13MAR2006	7	243.143	16.406	223.000	224.000	254.000	255.000	261.000	0	0	0.00%
G94D	TEMP	CENT	7	23MAY2005 - 13APR2006	16	25.931	4.161	15.800	22.950	28.150	29.050	31.000	0	0	0.00%
G94D	ALKALINITY	mg/L	67	23MAY2005 - 13APR2006	16	195.688	21.284	163.000	178.500	192.500	211.000	232.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
G94D	TN	mg N/L	80	23MAY2005 - 13APR2006	16	1.549	0.484	<0.5	1.278	1.496	1.934	2.329	1	0	0.00%
G94D	NOX	mg N/L	18,180	23MAY2005 - 13APR2006	16	0.094	0.092	0.023	0.046	0.072	0.115	0.409	0	0	0.00%
G94D	NO2	mg N/L	19	23MAY2005 - 13APR2006	15	0.013	0.009	0.004	0.006	0.011	0.016	0.039	0	0	0.00%
G94D	NO3	mg N/L	78	23MAY2005 - 13APR2006	15	0.080	0.087	0.013	0.037	0.059	0.111	0.370	0	0	0.00%
G94D	NH4	mg N/L	20	23MAY2005 - 13APR2006	16	0.073	0.063	<0.009	0.023	0.057	0.107	0.243	1	0	0.00%
G94D	UNIONIZED AMMONIA	mg/L	NONE	23MAY2005 - 13APR2006	16	0.001	0.001	0.000	0.001	0.001	0.001	0.003	0	0	0.00%
G94D	NNH4	mg N/L	92	23MAY2005 - 13APR2006	16	0.167	0.114	0.043	0.074	0.129	0.235	0.409	0	0	0.00%
G94D	ORGN	mg N/L	79	23MAY2005 - 13APR2006	15	1.455	0.406	0.897	1.105	1.247	1.920	2.053	0	0	0.00%
G94D	TKN	mg N/L	21	23MAY2005 - 13APR2006	15	1.525	0.378	0.940	1.200	1.480	1.920	2.110	0	0	0.00%
G94D	OPO4	mg P/L	23	23MAY2005 - 13APR2006	15	0.015	0.011	0.004	0.008	0.012	0.024	0.037	0	0	0.00%
G94D	TP	mg P/L	25	23MAY2005 - 13APR2006	15	0.083	0.052	0.047	0.053	0.071	0.090	0.257	0	0	0.00%
G94D	DIS. CA	mg/L	30	06JUN2005 - 13MAR2006	7	83.614	6.795	74.500	76.700	82.900	92.000	92.200	0	0	0.00%
G94D	DIS. K	mg/L	29	06JUN2005 - 13MAR2006	5	5.600	0.718	5.000	5.100	5.500	5.600	6.800	0	0	0.00%
G94D	DIS. MG	mg/L	31	06JUN2005 - 13MAR2006	7	8.329	5.312	3.900	4.400	5.800	15.100	16.700	0	0	0.00%
G94D	DIS. NA	mg/L	28	06JUN2005 - 13MAR2006	5	42.760	25.077	23.800	28.000	34.600	41.400	86.000	0	0	0.00%
G94D	TOT. CL	mg/L	32	23MAY2005 - 13APR2006	15	69.573	41.068	30.900	39.500	43.800	113.000	139.000	0	0	0.00%
G94D	TOT. SO4	mg/L	33	06JUN2005 - 13MAR2006	4	25.900	8.000	20.400	21.000	22.750	30.800	37.700	0	0	0.00%
G94D	DIS. SILICA	mg/L	27	06JUN2005 - 13MAR2006	4	6.658	1.063	5.450	5.765	6.790	7.550	7.600	0	0	0.00%
G94D	TOT. FE	mg/L	177	06JUN2005 - 13MAR2006	5	0.466	0.279	0.124	0.222	0.553	0.684	0.749	0	0	0.00%
G94D	TOT. CD	ug/L	103	24AUG2005 - 15FEB2006	2	0.500	0.283	<0.3	<0.3	0.200	0.700	0.700	1	0	0.00%
G94D	TOT. CU	ug/L	104	24AUG2005 - 15FEB2006	2	5.45	3.88909	2.7	2.7	5.45	8.2	8.2	0	0	0.00%
G94D	TOT. ULTRA TRACE HG	ug/L	207	15JUN2005 - 15FEB2006	2	0.001	0.000	0.001	0.001	0.001	0.002	0.002	0	0	0.00%
G94D	TOT. MTHY HG	ug/L	203	15JUN2005 - 15FEB2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
G94D	TOT. ZN	ug/L	105	24AUG2005 - 15FEB2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW2	TP	mg P/L	25	31MAY2005 - 08FEB2006	20	0.089	0.031	0.048	0.067	0.077	0.105	0.160	0	0	0.00%
VOW2Auto	TP	mg P/L	25	08DEC2005 - 08DEC2005	1	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0	0	0.00%
G123	DO	mg/L	8	03MAY2005 - 25APR2006	50	3.750	0.953	1.800	3.250	3.670	4.260	7.170	0	47	94.00%
G123	FLDCOND.	UMHOS/CM	9	03MAY2005 - 25APR2006	51	838.882	123.003	542.000	749.000	807.000	935.000	1159.000	0	0	0.00%
G123	PH	UNITS	10	03MAY2005 - 25APR2006	50	7.438	0.288	6.690	7.330	7.460	7.580	8.700	0	1	2.00%
G123	TURBIDITY	NTU	12	24MAY2005 - 11APR2006	12	1.958	0.891	0.700	1.350	1.800	2.450	4.000	0	0	0.00%
G123	TSS	mg/L	16	24MAY2005 - 11APR2006	12	3.000	0.000	<3	<3	<3	<3	3.000	11	0	0.00%
G123	COLOR	UNITS	13	24MAY2005 - 11APR2006	12	78.417	10.509	62.000	69.500	81.500	84.500	97.000	0	0	0.00%
G123	HARDNESS	mg/L CaCO3	35	19JUL2005 - 11APR2006	6	275.833	28.910	245.000	254.000	267.000	306.000	316.000	0	0	0.00%
G123	TEMP	CENT	7	03MAY2005 - 25APR2006	51	25.380	4.014	16.800	21.800	25.600	29.000	31.900	0	0	0.00%
G123	ALKALINITY	mg/L	67	24MAY2005 - 11APR2006	12	235.417	43.835	184.000	194.500	240.000	268.000	304.000	0	0	0.00%
G123	TN	mg N/L	80	24MAY2005 - 11APR2006	12	1.729	0.202	1.562	1.612	1.661	1.735	2.264	0	0	0.00%
G123	NOX	mg N/L	18,180	24MAY2005 - 28MAR2006	10	0.066	0.113	0.011	0.012	0.036	0.043	0.384	0	0	0.00%
G123	NO2	mg N/L	19	24MAY2005 - 11APR2006	12	0.008	0.013	<0.004	<0.004	0.004	0.006	0.048	4	0	0.00%
G123	NO3	mg N/L	78	24MAY2005 - 28MAR2006	10	0.058	0.099	0.007	0.012	0.034	0.038	0.336	0	0	0.00%
G123	NH4	mg N/L	20	24MAY2005 - 11APR2006	12	0.152	0.135	0.038	0.061	0.096	0.191	0.423	0	0	0.00%
G123	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 25APR2006	11	0.002	0.001	0.001	0.002	0.002	0.003	0.003	0	0	0.00%
G123	NNH4	mg N/L	92	24MAY2005 - 28MAR2006	10	0.202	0.171	0.054	0.099	0.134	0.228	0.581	0	0	0.00%
G123	ORGN	mg N/L	79	24MAY2005 - 11APR2006	12	1.522	0.163	1.232	1.455	1.552	1.632	1.755	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
G123	TKN	mg N/L	21	24MAY2005 - 11APR2006	12	1.674	0.127	1.540	1.560	1.655	1.720	1.940	0	0	0.00%
G123	OPO4	mg P/L	23	24MAY2005 - 11APR2006	12	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	11	0	0.00%
G123	TP	mg P/L	25	03MAY2005 - 25APR2006	51	0.015	0.006	0.009	0.011	0.014	0.018	0.046	0	0	0.00%
G123	DIS. CA	mg/L	30	19JUL2005 - 11APR2006	6	76.250	9.508	65.200	68.200	75.150	83.000	90.800	0	0	0.00%
G123	DIS. K	mg/L	29	19JUL2005 - 11APR2006	4	5.750	0.580	4.900	5.400	5.950	6.100	6.200	0	0	0.00%
G123	DIS. MG	mg/L	31	19JUL2005 - 11APR2006	6	20.750	1.825	18.800	19.800	20.100	21.800	23.900	0	0	0.00%
G123	DIS. NA	mg/L	28	19JUL2005 - 11APR2006	4	64.900	5.781	60.100	61.450	63.100	68.350	73.300	0	0	0.00%
G123	TOT. CL	mg/L	32	19JUL2005 - 11APR2006	8	90.850	10.546	74.100	83.400	92.800	98.150	104.000	0	0	0.00%
G123	TOT. SO4	mg/L	33	19JUL2005 - 11APR2006	4	31.050	17.464	8.600	18.700	32.550	43.400	50.500	0	0	0.00%
G123	DIS. SILICA	mg/L	27	19JUL2005 - 11APR2006	4	15.125	2.935	11.100	12.950	15.950	17.300	17.500	0	0	0.00%
G123	TOT. FE	mg/L	177	19JUL2005 - 25APR2006	4	0.06275	0.03179	0.029	0.038	0.06	0.0875	0.102	0	0	0.00%
G123	TOT. CD	ug/L	103	22AUG2005 - 13FEB2006	2	1.000	0.990	<0.3	<0.3	0.700	1.700	1.700	1	0	0.00%
G123	TOT. CU	ug/L	104	22AUG2005 - 13FEB2006	2	1.600	0.566	<1.2	<1.2	0.400	2.000	2.000	1	0	0.00%
G123	TOT. ULTRA TRACE HG	ug/L	207	13JUN2005 - 13FEB2006	3	0.001	0.000	0.001	0.001	0.001	0.002	0.002	0	0	0.00%
G123	TOT. MTHY HG	ug/L	203	13JUN2005 - 13FEB2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
G123	TOT. ZN	ug/L	105	22AUG2005 - 13FEB2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S9	DO	mg/L	8	03MAY2005 - 25APR2006	51	2.129	1.224	0.280	0.950	2.270	2.890	5.260	0	49	96.08%
S9	FLDCOND.	UMHOS/CM	9	03MAY2005 - 25APR2006	51	755.843	49.072	656.000	713.000	771.000	794.000	863.000	0	0	0.00%
S9	PH	UNITS	10	03MAY2005 - 25APR2006	51	7.277	0.234	6.430	7.190	7.320	7.430	7.640	0	0	0.00%
S9	TURBIDITY	NTU	12	24MAY2005 - 11APR2006	13	3.108	1.359	1.500	1.800	3.000	3.900	5.200	0	0	0.00%
S9	TSS	mg/L	16	24MAY2005 - 11APR2006	13	3.308	1.109	<3	<3	<3	<3	7.000	12	0	0.00%
S9	COLOR	UNITS	13	24MAY2005 - 11APR2006	13	48.538	8.130	35.000	44.000	50.000	55.000	57.000	0	0	0.00%
S9	HARDNESS	mg/L CaCO3	35	05JUL2005 - 11APR2006	6	263.833	12.057	243.000	261.000	265.500	268.000	280.000	0	0	0.00%
S9	TEMP	CENT	7	03MAY2005 - 25APR2006	51	25.735	2.263	20.500	23.800	26.000	27.700	29.600	0	0	0.00%
S9	ALKALINITY	mg/L	67	24MAY2005 - 11APR2006	13	251.615	15.883	215.000	242.000	257.000	263.000	268.000	0	0	0.00%
S9	TN	mg N/L	80	24MAY2005 - 11APR2006	14	1.548	0.109	1.353	1.465	1.546	1.629	1.756	0	0	0.00%
S9	NOX	mg N/L	18;180	24MAY2005 - 11APR2006	14	0.041	0.047	0.006	0.011	0.019	0.060	0.160	0	0	0.00%
S9	NO2	mg N/L	19	24MAY2005 - 11APR2006	13	0.006	0.004	<0.004	<0.004	<0.004	0.004	0.015	7	0	0.00%
S9	NO3	mg N/L	78	24MAY2005 - 11APR2006	13	0.028	0.029	0.006	0.011	0.015	0.024	0.098	0	0	0.00%
S9	NH4	mg N/L	20	24MAY2005 - 11APR2006	13	0.448	0.116	0.253	0.372	0.396	0.548	0.631	0	0	0.00%
S9	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 25APR2006	13	0.007	0.003	0.003	0.005	0.006	0.007	0.017	0	0	0.00%
S9	NNH4	mg N/L	92	24MAY2005 - 11APR2006	13	0.480	0.098	0.366	0.395	0.462	0.576	0.641	0	0	0.00%
S9	ORGN	mg N/L	79	24MAY2005 - 11APR2006	13	1.069	0.061	0.944	1.035	1.070	1.102	1.172	0	0	0.00%
S9	TKN	mg N/L	21	24MAY2005 - 11APR2006	14	1.507	0.130	1.340	1.390	1.495	1.620	1.750	0	0	0.00%
S9	OPO4	mg P/L	23	24MAY2005 - 11APR2006	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	11	0	0.00%
S9	TP	mg P/L	25	03MAY2005 - 25APR2006	52	0.013	0.003	0.008	0.011	0.012	0.015	0.021	0	0	0.00%
S9	DIS. CA	mg/L	30	05JUL2005 - 11APR2006	6	81.167	3.004	78.000	79.400	80.850	81.100	86.800	0	0	0.00%
S9	DIS. K	mg/L	29	05JUL2005 - 11APR2006	4	3.5	0.40825	2.9	3.25	3.65	3.75	3.8	0	0	0.00%
S9	DIS. MG	mg/L	31	05JUL2005 - 11APR2006	6	14.833	1.562	11.700	15.200	15.300	15.500	16.000	0	0	0.00%
S9	DIS. NA	mg/L	28	05JUL2005 - 11APR2006	4	51.500	5.156	43.900	48.450	53.400	54.550	55.300	0	0	0.00%
S9	TOT. CL	mg/L	32	24MAY2005 - 11APR2006	13	77.169	7.892	60.100	75.400	80.000	81.700	86.600	0	0	0.00%
S9	TOT. SO4	mg/L	33	05JUL2005 - 11APR2006	4	3.400	0.906	2.100	2.850	3.650	3.950	4.200	0	0	0.00%
S9	DIS. SILICA	mg/L	27	05JUL2005 - 11APR2006	4	12.715	2.110	9.860	11.130	13.250	14.300	14.500	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S9	TOT. FE	mg/L	177	05JUL2005 - 11APR2006	4	0.402	0.180	0.268	0.277	0.341	0.527	0.657	0	0	0.00%
S9	TOT. CD	ug/L	103	22AUG2005 - 13FEB2006	2	0.850	0.778	0.300	0.300	0.850	1.400	1.400	0	0	0.00%
S9	TOT. CU	ug/L	104	22AUG2005 - 13FEB2006	2	1.750	0.636	1.300	1.300	1.750	2.200	2.200	0	0	0.00%
S9	TOT. MTHY HG	ug/L	203	13JUN2005 - 13FEB2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S9	TOT. ZN	ug/L	105	22AUG2005 - 13FEB2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S9	TOT. ULTRA TRACE HG	ug/L	207	13JUN2005 - 13FEB2006	3	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0	0	0.00%
S9Auto	TN	mg N/L	80	10MAY2005 - 11OCT2005	18	1.441	0.136	1.307	1.380	1.412	1.450	1.918	0	0	0.00%
S9Auto	NOX	mg N/L	18,180	10MAY2005 - 11OCT2005	17	0.071	0.035	0.018	0.045	0.069	0.090	0.140	0	0	0.00%
S9Auto	TKN	mg N/L	21	10MAY2005 - 11OCT2005	18	1.373	0.149	1.250	1.280	1.355	1.380	1.900	0	0	0.00%
S9Auto	TP	mg P/L	25	10MAY2005 - 11OCT2005	18	0.019	0.005	0.011	0.017	0.018	0.021	0.031	0	0	0.00%
S9A	DO	mg/L	8	03MAY2005 - 25APR2006	50	2.270	1.357	0.510	0.870	2.430	3.120	5.940	0	48	96.00%
S9A	FLDCOND.	UMHOS/CM	9	03MAY2005 - 25APR2006	50	762.020	44.558	674.000	729.000	774.500	795.000	861.000	0	0	0.00%
S9A	PH	UNITS	10	03MAY2005 - 25APR2006	50	7.313	0.165	6.770	7.240	7.330	7.390	7.620	0	0	0.00%
S9A	TURBIDITY	NTU	12	10MAY2005 - 25APR2006	15	2.860	1.095	0.900	2.300	2.600	3.400	5.400	0	0	0.00%
S9A	TEMP	CENT	7	03MAY2005 - 25APR2006	50	25.708	2.135	21.400	23.800	25.500	27.600	29.300	0	0	0.00%
S9A	ALKALINITY	mg/L	67	19JUL2005 - 11APR2006	5	254.000	8.155	246.000	247.000	252.000	261.000	264.000	0	0	0.00%
S9A	TN	mg N/L	80	10MAY2005 - 25APR2006	15	1.524	0.138	1.369	1.417	1.468	1.650	1.799	0	0	0.00%
S9A	NOX	mg N/L	18,180	10MAY2005 - 25APR2006	15	0.020	0.020	0.009	0.010	0.016	0.020	0.087	0	0	0.00%
S9A	NO2	mg N/L	19	10MAY2005 - 25APR2006	15	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.012	10	0	0.00%
S9A	NO3	mg N/L	78	10MAY2005 - 25APR2006	15	0.018	0.016	0.009	0.010	0.013	0.018	0.075	0	0	0.00%
S9A	NH4	mg N/L	20	10MAY2005 - 25APR2006	15	0.430	0.120	0.298	0.358	0.367	0.553	0.653	0	0	0.00%
S9A	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 25APR2006	15	0.006	0.003	0.002	0.005	0.005	0.008	0.014	0	0	0.00%
S9A	NNH4	mg N/L	92	10MAY2005 - 25APR2006	15	0.450	0.115	0.308	0.376	0.383	0.562	0.662	0	0	0.00%
S9A	ORGN	mg N/L	79	10MAY2005 - 25APR2006	15	1.074	0.065	0.951	1.049	1.072	1.123	1.177	0	0	0.00%
S9A	TKN	mg N/L	21	10MAY2005 - 25APR2006	15	1.504	0.146	1.330	1.370	1.450	1.640	1.790	0	0	0.00%
S9A	OPO4	mg P/L	23	10MAY2005 - 25APR2006	15	0.00427	0.0007	<0.004	<0.004	<0.004	<0.004	0.006	13	0	0.00%
S9A	TP	mg P/L	25	03MAY2005 - 25APR2006	51	0.012	0.003	0.008	0.011	0.012	0.014	0.020	0	0	0.00%
S9A	TOT. CL	mg/L	32	19JUL2005 - 11APR2006	5	79.180	3.749	74.900	76.300	78.700	82.700	83.300	0	0	0.00%
S9AAuto	TP	mg P/L	25	10MAY2005 - 25APR2006	29	0.017	0.008	0.009	0.012	0.015	0.020	0.046	0	0	0.00%
S14	HARDNESS	mg/L CaCO3	35	12JUL2005 - 12JUL2005	1	99.600		99.600	99.600	99.600	99.600	99.600	0	0	0.00%
S14	DIS. CA	mg/L	30	12JUL2005 - 12JUL2005	1	37.500		37.500	37.500	37.500	37.500	37.500	0	0	0.00%
S14	DIS. MG	mg/L	31	12JUL2005 - 12JUL2005	1	1.500		1.500	1.500	1.500	1.500	1.500	0	0	0.00%
S14	TOT. CD	ug/L	103	12JUL2005 - 12JUL2005	1	0.300		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S14	TOT. CU	ug/L	104	12JUL2005 - 12JUL2005	1	1.200		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S14	TOT. MTHY HG	ug/L	203	12JUL2005 - 11OCT2005	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S14	TOT. ZN	ug/L	105	12JUL2005 - 12JUL2005	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
S14	TOT. ULTRA TRACE HG	ug/L	207	12JUL2005 - 11OCT2005	2	0.001	0.000	0.001	0.001	0.001	0.002	0.002	0	0	0.00%
S18C	DO	mg/L	8	03MAY2005 - 24APR2006	51	4.759	2.598	0.200	2.410	3.950	7.190	9.150	0	31	60.78%
S18C	FLDCOND.	UMHOS/CM	9	03MAY2005 - 24APR2006	49	526.037	34.973	434.000	504.000	512.000	542.000	604.000	0	0	0.00%
S18C	PH	UNITS	10	03MAY2005 - 24APR2006	51	7.433	0.420	6.570	7.120	7.320	7.870	8.190	0	0	0.00%
S18C	TURBIDITY	NTU	12	31MAY2005 - 03APR2006	20	1.655	1.791	0.500	0.750	1.150	1.850	8.700	0	0	0.00%
S18C	TSS	mg/L	16	31MAY2005 - 03APR2006	20	3.150	0.671	<3	<3	<3	<3	6.000	19	0	0.00%
S18C	COLOR	UNITS	13	31MAY2005 - 03APR2006	20	13.350	4.440	8.000	10.500	13.000	14.000	28.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S18C	HARDNESS	mg/L CaCO3	35	31MAY2005 - 03APR2006	22	209.591	7.082	192.000	206.000	209.500	214.000	226.000	0	0	0.00%
S18C	TEMP	CENT	7	03MAY2005 - 24APR2006	51	25.161	2.254	18.800	23.800	25.900	26.800	28.900	0	0	0.00%
S18C	ALKALINITY	mg/L	67	31MAY2005 - 03APR2006	19	194.632	6.898	178.000	190.000	194.000	200.000	208.000	0	0	0.00%
S18C	TN	mg N/L	80	31MAY2005 - 03APR2006	20	0.643	0.090	0.460	0.589	0.626	0.683	0.853	0	0	0.00%
S18C	NOX	mg N/L	18,180	31MAY2005 - 03APR2006	18	0.128	0.054	0.033	0.090	0.122	0.150	0.271	0	0	0.00%
S18C	NO2	mg N/L	19	31MAY2005 - 03APR2006	20	0.007	0.004	<0.004	0.004	0.006	0.010	0.018	4	0	0.00%
S18C	NO3	mg N/L	78	31MAY2005 - 03APR2006	18	0.121	0.051	0.029	0.082	0.116	0.147	0.253	0	0	0.00%
S18C	NH4	mg N/L	20	31MAY2005 - 03APR2006	20	0.059	0.027	<0.009	0.042	0.059	0.075	0.107	1	0	0.00%
S18C	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 24APR2006	20	0.001	0.001	0.000	0.001	0.001	0.001	0.004	0	0	0.00%
S18C	NNH4	mg N/L	92	31MAY2005 - 03APR2006	18	0.188	0.053	0.088	0.154	0.185	0.215	0.328	0	0	0.00%
S18C	ORGN	mg N/L	79	31MAY2005 - 03APR2006	20	0.469	0.093	0.382	0.410	0.443	0.482	0.765	0	0	0.00%
S18C	TKN	mg N/L	21	31MAY2005 - 03APR2006	20	0.528	0.096	0.400	0.480	0.505	0.545	0.820	0	0	0.00%
S18C	OPO4	mg P/L	23	31MAY2005 - 03APR2006	20	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	20	0	0.00%
S18C	ALKALINE PHOS	nM/minml	168	31MAY2005 - 03APR2006	7	6.000	4.472	<1	2.000	5.000	11.000	13.000	1	0	0.00%
S18C	TP	mg P/L	25	03MAY2005 - 24APR2006	51	0.005	0.002	0.003	0.004	0.005	0.006	0.015	0	0	0.00%
S18C	DIS. CA	mg/L	30	31MAY2005 - 03APR2006	22	74.345	2.435	67.200	73.000	74.600	76.100	77.900	0	0	0.00%
S18C	DIS. K	mg/L	29	31MAY2005 - 03APR2006	20	4.265	0.900	2.700	3.800	4.300	4.650	6.900	0	0	0.00%
S18C	DIS. MG	mg/L	31	31MAY2005 - 03APR2006	22	5.827	0.804	5.100	5.400	5.500	5.900	8.200	0	0	0.00%
S18C	DIS. NA	mg/L	28	31MAY2005 - 03APR2006	20	26.000	3.185	22.800	23.900	25.400	26.500	36.100	0	0	0.00%
S18C	TOT. CL	mg/L	32	31MAY2005 - 03APR2006	20	41.275	4.876	36.700	37.850	39.900	42.300	56.400	0	0	0.00%
S18C	TOT. FE	mg/L	177	12JUL2005 - 03APR2006	4	0.134	0.129	0.017	0.027	0.118	0.241	0.283	0	0	0.00%
S18C	TOT. CD	ug/L	103	11JUL2005 - 04JAN2006	2	0.550	0.354	<0.3	<0.3	0.250	0.800	0.800	1	0	0.00%
S18C	TOT. CU	ug/L	104	11JUL2005 - 04JAN2006	2	1.400	0.000	1.400	1.400	1.400	1.400	1.400	0	0	0.00%
S18C	TOT. ULTRA TRACE HG	ug/L	207	11OCT2005 - 11APR2006	3	0.00075	0.00022	0.00061	0.00061	0.00063	0.001	0.001	0	0	0.00%
S18C	TOT. MTHY HG	ug/L	203	11OCT2005 - 11APR2006	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S18C	TOT. ZN	ug/L	105	11JUL2005 - 04JAN2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S18C	CAROTENOID	mg/m3	63	31MAY2005 - 03APR2006	19	1.158	0.375	<1	<1	<1	<1	2.000	15	0	0.00%
S18C	CHLA	mg/m3	61	31MAY2005 - 03APR2006	19	1.474	0.772	<1	<1	1.000	2.000	4.000	9	0	0.00%
S18C	CHLA2	mg/m3	112	31MAY2005 - 03APR2006	19	1.211	0.535	<1	<1	1.000	1.000	3.000	9	0	0.00%
S18C	CHLB	mg/m3	62	31MAY2005 - 03APR2006	19	1.000	0.000	<1	<1	<1	<1	1.000	18	0	0.00%
S18C	CHLC	mg/m3	113	31MAY2005 - 03APR2006	19	1.053	0.229	<1	<1	<1	<1	2.000	16	0	0.00%
S18C	PHEOPHYTIN A	mg/m3	64	31MAY2005 - 03APR2006	19	1.105	0.315	<1	<1	<1	<1	2.000	16	0	0.00%
S18CAuto	TN	mg N/L	80	31MAY2005 - 03APR2006	27	0.767	0.148	0.510	0.668	0.738	0.850	1.056	0	0	0.00%
S18CAuto	NOX	mg N/L	18,180	31MAY2005 - 10JAN2006	24	0.134	0.078	0.032	0.090	0.115	0.163	0.422	0	0	0.00%
S18CAuto	TKN	mg N/L	21	31MAY2005 - 03APR2006	27	0.648	0.146	0.490	0.540	0.590	0.740	0.960	0	0	0.00%
S18CAuto	TP	mg P/L	25	31MAY2005 - 03APR2006	29	0.012	0.011	0.003	0.006	0.007	0.012	0.050	0	0	0.00%
S140	DO	mg/L	8	03MAY2005 - 25APR2006	50	4.077	2.601	0.770	1.920	3.380	6.200	11.600	0	33	66.00%
S140	FLDCOND.	UMHOS/CM	9	03MAY2005 - 25APR2006	51	563.118	179.216	294.000	396.000	581.000	730.000	858.000	0	0	0.00%
S140	PH	UNITS	10	03MAY2005 - 25APR2006	50	7.402	0.370	6.410	7.130	7.405	7.610	8.280	0	0	0.00%
S140	TURBIDITY	NTU	12	24MAY2005 - 11APR2006	20	2.180	0.964	1.100	1.750	2.000	2.250	5.400	0	0	0.00%
S140	TSS	mg/L	16	24MAY2005 - 11APR2006	20	3.400	0.995	<3	<3	<3	<3	6.000	17	0	0.00%
S140	COLOR	UNITS	13	24MAY2005 - 11APR2006	20	73.350	15.108	37.000	62.000	77.000	84.000	102.000	0	0	0.00%
S140	HARDNESS	mg/L CaCO3	35	05JUL2005 - 11APR2006	6	218.000	60.309	160.000	163.000	218.000	273.000	276.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S140	TEMP	CENT	7	03MAY2005 - 25APR2006	51	24.802	3.669	17.000	21.200	25.100	28.200	29.700	0	0	0.00%
S140	ALKALINITY	mg/L	67	24MAY2005 - 11APR2006	20	175.700	41.151	118.000	141.500	161.500	209.000	248.000	0	0	0.00%
S140	TN	mg N/L	80	24MAY2005 - 11APR2006	20	1.451	1.100	1.020	1.169	1.217	1.272	6.109	0	0	0.00%
S140	NOX	mg N/L	18;180	24MAY2005 - 28MAR2006	18	0.049	0.033	<0.004	0.029	0.039	0.068	0.115	1	0	0.00%
S140	NO2	mg N/L	19	24MAY2005 - 11APR2006	20	0.006	0.001	<0.004	0.005	0.005	0.007	0.008	3	0	0.00%
S140	NO3	mg N/L	78	24MAY2005 - 28MAR2006	18	0.044	0.032	<0.004	0.024	0.033	0.061	0.107	1	0	0.00%
S140	NH4	mg N/L	20	24MAY2005 - 11APR2006	20	0.071	0.031	<0.009	0.056	0.075	0.094	0.115	2	0	0.00%
S140	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 25APR2006	20	0.001	0.001	0.000	0.001	0.001	0.002	0.004	0	0	0.00%
S140	NNH4	mg N/L	92	24MAY2005 - 28MAR2006	18	0.119	0.047	0.008	0.108	0.115	0.145	0.210	0	0	0.00%
S140	ORGN	mg N/L	79	24MAY2005 - 11APR2006	20	1.337	1.101	0.941	1.035	1.100	1.159	6.000	0	0	0.00%
S140	TKN	mg N/L	21	24MAY2005 - 11APR2006	20	1.407	1.103	1.010	1.115	1.175	1.225	6.080	0	0	0.00%
S140	OPO4	mg P/L	23	24MAY2005 - 11APR2006	20	0.017	0.014	<0.004	0.008	0.014	0.020	0.067	1	0	0.00%
S140	TP	mg P/L	25	03MAY2005 - 25APR2006	51	0.041	0.015	0.022	0.031	0.039	0.046	0.092	0	0	0.00%
S140	DIS. CA	mg/L	30	05JUL2005 - 11APR2006	6	77.267	20.363	57.700	58.300	77.600	95.500	96.900	0	0	0.00%
S140	DIS. K	mg/L	29	05JUL2005 - 11APR2006	4	4.200	0.804	3.000	3.750	4.550	4.650	4.700	0	0	0.00%
S140	DIS. MG	mg/L	31	05JUL2005 - 11APR2006	6	6.083	2.289	3.900	3.900	6.100	8.100	8.400	0	0	0.00%
S140	DIS. NA	mg/L	28	05JUL2005 - 11APR2006	4	40.225	26.713	17.400	17.850	36.300	62.600	70.900	0	0	0.00%
S140	TOT. CL	mg/L	32	05JUL2005 - 11APR2006	12	45.117	29.803	17.000	25.850	28.900	68.300	97.400	0	0	0.00%
S140	TOT. SO4	mg/L	33	05JUL2005 - 11APR2006	6	10.95	7.72341	4.4	4.9	7.55	19.5	21.8	0	0	0.00%
S140	DIS. SILICA	mg/L	27	05JUL2005 - 11APR2006	6	6.433	1.215	4.540	5.750	6.485	7.580	7.760	0	0	0.00%
S140	TOT. FE	mg/L	177	05JUL2005 - 11APR2006	4	0.197	0.129	0.076	0.086	0.200	0.309	0.312	0	0	0.00%
S140	TOT. CD	ug/L	103	23AUG2005 - 14FEB2006	2	0.450	0.212	<0.3	<0.3	0.150	0.600	0.600	1	0	0.00%
S140	TOT. CU	ug/L	104	23AUG2005 - 14FEB2006	2	2.000	0.990	1.300	1.300	2.000	2.700	2.700	0	0	0.00%
S140	TOT. ULTRA TRACE HG	ug/L	207	14JUN2005 - 14FEB2006	3	0.002	0.001	0.001	0.001	0.001	0.003	0.003	0	0	0.00%
S140	TOT. MTHY HG	ug/L	203	14JUN2005 - 14FEB2006	4	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S140	TOT. ZN	ug/L	105	23AUG2005 - 14FEB2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S140Auto	TP	mg P/L	25	10MAY2005 - 25APR2006	45	0.049	0.021	0.028	0.037	0.043	0.053	0.142	0	0	0.00%
S175	DO	mg/L	8	03MAY2005 - 29NOV2005	16	3.353	1.743	0.180	2.000	3.615	4.620	5.980	0	13	81.25%
S175	FLDCOND.	UMHOS/CM	9	03MAY2005 - 29NOV2005	15	513.753	85.207	410.000	448.000	497.000	557.200	721.000	0	0	0.00%
S175	PH	UNITS	10	03MAY2005 - 29NOV2005	16	7.349	0.240	7.060	7.175	7.260	7.510	7.840	0	0	0.00%
S175	TURBIDITY	NTU	12	03MAY2005 - 01NOV2005	7	1.671	0.761	0.700	1.100	1.400	2.100	3.000	0	0	0.00%
S175	TSS	mg/L	16	03MAY2005 - 01NOV2005	7	3.000	0.000	<3	<3	<3	<3	<3	7	0	0.00%
S175	COLOR	UNITS	13	03MAY2005 - 01NOV2005	7	21.857	10.286	13.000	14.000	18.000	29.000	42.000	0	0	0.00%
S175	HARDNESS	mg/L CaCO3	35	03MAY2005 - 01NOV2005	8	190.250	9.618	177.000	180.500	193.500	198.500	200.000	0	0	0.00%
S175	TEMP	CENT	7	03MAY2005 - 29NOV2005	16	27.200	1.459	24.700	26.500	27.150	28.450	29.400	0	0	0.00%
S175	ALKALINITY	mg/L	67	03MAY2005 - 01NOV2005	6	179.833	10.008	168.000	171.000	179.000	187.000	195.000	0	0	0.00%
S175	TN	mg N/L	80	03MAY2005 - 01NOV2005	7	0.734	0.304	0.580	0.580	0.621	0.673	1.419	0	0	0.00%
S175	NOX	mg N/L	18;180	03MAY2005 - 01NOV2005	4	0.025	0.009	0.018	0.020	0.022	0.031	0.039	0	0	0.00%
S175	NO2	mg N/L	19	03MAY2005 - 01NOV2005	7	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	6	0	0.00%
S175	NO3	mg N/L	78	03MAY2005 - 01NOV2005	4	0.024	0.010	0.018	0.019	0.020	0.030	0.039	0	0	0.00%
S175	NH4	mg N/L	20	03MAY2005 - 01NOV2005	7	0.051	0.022	0.023	0.025	0.056	0.060	0.087	0	0	0.00%
S175	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 29NOV2005	7	0.001	0.001	0.000	0.001	0.001	0.001	0.002	0	0	0.00%
S175	NNH4	mg N/L	92	03MAY2005 - 01NOV2005	4	0.082	0.019	0.062	0.069	0.080	0.096	0.108	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S175	ORGN	mg N/L	79	03MAY2005 - 01NOV2005	7	0.669	0.304	0.513	0.535	0.555	0.590	1.357	0	0	0.00%
S175	TKN	mg N/L	21	03MAY2005 - 01NOV2005	7	0.720	0.292	0.580	0.580	0.610	0.650	1.380	0	0	0.00%
S175	OPO4	mg P/L	23	03MAY2005 - 01NOV2005	7	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	7	0	0.00%
S175	ALKALINE PHOS	nM/minml	168	03MAY2005 - 21SEP2005	3	9.000	2.000	7.000	7.000	9.000	11.000	11.000	0	0	0.00%
S175	TP	mg P/L	25	03MAY2005 - 29NOV2005	16	0.008	0.003	0.005	0.006	0.007	0.008	0.015	0	0	0.00%
S175	DIS. CA	mg/L	30	03MAY2005 - 01NOV2005	8	65.775	3.280	60.800	63.300	65.750	68.900	69.500	0	0	0.00%
S175	DIS. K	mg/L	29	03MAY2005 - 01NOV2005	7	2.043	0.535	1.600	1.800	1.800	2.100	3.200	0	0	0.00%
S175	DIS. MG	mg/L	31	03MAY2005 - 01NOV2005	8	6.313	2.027	4.900	5.150	5.700	6.400	11.100	0	0	0.00%
S175	DIS. NA	mg/L	28	03MAY2005 - 01NOV2005	7	27.186	7.985	21.900	22.800	23.200	27.900	44.500	0	0	0.00%
S175	TOT. CL	mg/L	32	03MAY2005 - 01NOV2005	7	42.514	13.537	33.300	34.800	36.200	43.300	72.000	0	0	0.00%
S175	TOT. FE	mg/L	177	26JUL2005 - 18OCT2005	2	0.307	0.12304	2.20E-01	0.22	0.307	0.394	0.394	0	0	0.00%
S175	TOT. CD	ug/L	103	11JUL2005 - 11JUL2005	1	0.300		0.300	0.300	0.300	0.300	0.300	0	0	0.00%
S175	TOT. CU	ug/L	104	11JUL2005 - 11JUL2005	1	1.200		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S175	TOT. ULTRA TRACE HG	ug/L	207	11OCT2005 - 11OCT2005	1	0.002		0.002	0.002	0.002	0.002	0.002	0	0	0.00%
S175	TOT. MTHY HG	ug/L	203	11OCT2005 - 11OCT2005	1	0.000		0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S175	TOT. ZN	ug/L	105	11JUL2005 - 11JUL2005	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
S175	CAROTENOID	mg/m3	63	03MAY2005 - 01NOV2005	7	1.143	0.378	<1	<1	<1	<1	2.000	6	0	0.00%
S175	CHLA	mg/m3	61	03MAY2005 - 01NOV2005	7	1.857	1.464	<1	<1	<1	2.000	5.000	4	0	0.00%
S175	CHLA2	mg/m3	112	03MAY2005 - 01NOV2005	7	1.714	1.113	<1	<1	1.000	2.000	4.000	3	0	0.00%
S175	CHLB	mg/m3	62	03MAY2005 - 01NOV2005	7	1.000	0.000	<1	<1	<1	<1	<1	7	0	0.00%
S175	CHLC	mg/m3	113	03MAY2005 - 01NOV2005	7	1	0	<1	<1	<1	<1	<1	7	0	0.00%
S175	PHEOPHYTIN A	mg/m3	64	03MAY2005 - 01NOV2005	7	1.000	0.000	<1	<1	<1	1.000	1.000	5	0	0.00%
S190	DO	mg/L	8	24MAY2005 - 20APR2006	20	5.247	1.997	1.870	3.750	4.895	6.425	8.770	0	10	50.00%
S190	FLDCOND.	UMHOS/CM	9	24MAY2005 - 20APR2006	20	486.610	100.763	285.000	393.000	503.000	574.000	625.000	0	0	0.00%
S190	PH	UNITS	10	24MAY2005 - 20APR2006	20	7.498	0.476	6.830	7.060	7.355	7.995	8.190	0	0	0.00%
S190	TURBIDITY	NTU	12	24MAY2005 - 13APR2006	18	2.21667	0.9709	1.1	1.6	2.05	2.3	4.8	0	0	0.00%
S190	TSS	mg/L	16	24MAY2005 - 13APR2006	18	3.333	0.840	<3	<3	<3	3.000	6.000	10	0	0.00%
S190	COLOR	UNITS	13	24MAY2005 - 13APR2006	18	76.389	31.721	34.000	43.000	86.000	99.000	146.000	0	0	0.00%
S190	HARDNESS	mg/L CaCO3	35	07JUN2005 - 16MAR2006	6	224.833	47.692	180.000	180.000	222.000	257.000	288.000	0	0	0.00%
S190	TEMP	CENT	7	24MAY2005 - 20APR2006	20	26.705	3.470	17.900	24.800	28.300	28.950	30.500	0	0	0.00%
S190	ALKALINITY	mg/L	67	24MAY2005 - 13APR2006	18	194.167	42.375	117.000	157.000	193.000	234.000	267.000	0	0	0.00%
S190	TN	mg N/L	80	24MAY2005 - 13APR2006	18	1.140	0.111	0.960	1.075	1.128	1.214	1.344	0	0	0.00%
S190	NOX	mg N/L	18;180	24MAY2005 - 13APR2006	18	0.024	0.020	<0.004	0.006	0.016	0.040	0.070	3	0	0.00%
S190	NO2	mg N/L	19	24MAY2005 - 13APR2006	18	0.005	0.002	<0.004	<0.004	0.005	0.006	0.010	7	0	0.00%
S190	NO3	mg N/L	78	24MAY2005 - 13APR2006	18	0.020	0.018	<0.004	0.006	0.014	0.035	0.064	3	0	0.00%
S190	NH4	mg N/L	20	24MAY2005 - 13APR2006	18	0.042	0.036	<0.009	0.009	0.026	0.071	0.108	4	0	0.00%
S190	UN-IONIZED AMMONIA	mg/L	NONE	24MAY2005 - 20APR2006	18	0.001	0.001	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
S190	NNH4	mg N/L	92	24MAY2005 - 13APR2006	18	0.065	0.049	<0.009	0.009	0.063	0.104	0.136	2	0	0.00%
S190	ORGN	mg N/L	79	24MAY2005 - 13APR2006	18	1.077	0.085	0.947	1.009	1.080	1.149	1.222	0	0	0.00%
S190	TKN	mg N/L	21	24MAY2005 - 13APR2006	18	1.117	0.106	0.960	1.060	1.110	1.200	1.330	0	0	0.00%
S190	OPO4	mg P/L	23	24MAY2005 - 13APR2006	18	0.033	0.029	<0.004	<0.004	0.029	0.052	0.085	6	0	0.00%
S190	TP	mg P/L	25	24MAY2005 - 20APR2006	20	0.068	0.038	0.025	0.034	0.061	0.104	0.137	0	0	0.00%
S190	DIS. CA	mg/L	30	07JUN2005 - 16MAR2006	6	79.217	17.307	60.500	64.600	78.550	90.100	103.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S190	DIS. K	mg/L	29	07JUN2005 - 16MAR2006	4	2.575	0.299	2.200	2.350	2.600	2.800	2.900	0	0	0.00%
S190	DIS. MG	mg/L	31	07JUN2005 - 16MAR2006	6	6.600	1.554	4.600	4.700	7.250	7.900	7.900	0	0	0.00%
S190	DIS. NA	mg/L	28	07JUN2005 - 16MAR2006	4	25.025	7.227	14.600	20.150	27.750	29.900	30.000	0	0	0.00%
S190	TOT. CL	mg/L	32	24MAY2005 - 13APR2006	18	29.389	11.594	13.300	18.400	27.200	40.800	48.200	0	0	0.00%
S190	TOT. SO4	mg/L	33	07JUN2005 - 16MAR2006	4	6.150	1.533	4.000	5.150	6.500	7.150	7.600	0	0	0.00%
S190	DIS. SILICA	mg/L	27	07JUN2005 - 16MAR2006	4	6.450	2.123	3.750	4.965	6.590	7.935	8.870	0	0	0.00%
S190	TOT. FE	mg/L	177	07JUN2005 - 16MAR2006	4	0.160	0.148	0.070	0.070	0.096	0.251	0.380	0	0	0.00%
S190	TOT. CD	ug/L	103	23AUG2005 - 14FEB2006	2	0.650	0.495	<0.3	<0.3	0.350	1.000	1.000	1	0	0.00%
S190	TOT. CU	ug/L	104	23AUG2005 - 14FEB2006	2	2.350	0.495	2.000	2.000	2.350	2.700	2.700	0	0	0.00%
S190	TOT. ZN	ug/L	105	23AUG2005 - 14FEB2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S190Auto	TP	mg P/L	25	08JUN2005 - 15FEB2006	26	0.130	0.051	0.033	0.088	0.125	0.160	0.236	0	0	0.00%
S332	DO	mg/L	8	03MAY2005 - 29NOV2005	16	2.786	1.523	0.700	1.560	2.485	3.670	6.030	0	14	87.50%
S332	FLDCOND.	UMHOS/CM	9	03MAY2005 - 29NOV2005	15	510.340	87.389	394.000	444.000	489.700	569.100	665.000	0	0	0.00%
S332	PH	UNITS	10	03MAY2005 - 29NOV2005	16	7.302	0.245	7.010	7.145	7.200	7.390	7.810	0	0	0.00%
S332	TURBIDITY	NTU	12	03MAY2005 - 01NOV2005	6	1.417	0.527	1.000	1.100	1.200	1.600	2.400	0	0	0.00%
S332	TSS	mg/L	16	03MAY2005 - 01NOV2005	6	3.000	0.000	<3	<3	<3	<3	<3	6	0	0.00%
S332	COLOR	UNITS	13	03MAY2005 - 01NOV2005	6	23.333	7.174	14.000	19.000	22.000	29.000	34.000	0	0	0.00%
S332	HARDNESS	mg/L CaCO3	35	03MAY2005 - 01NOV2005	7	196.143	25.648	161.000	179.000	192.000	214.000	241.000	0	0	0.00%
S332	TEMP	CENT	7	03MAY2005 - 29NOV2005	16	27.538	1.174	25.300	26.800	28.000	28.250	29.600	0	0	0.00%
S332	ALKALINITY	mg/L	67	03MAY2005 - 01NOV2005	5	187.200	29.304	150.000	178.000	181.000	197.000	230.000	0	0	0.00%
S332	TN	mg N/L	80	03MAY2005 - 01NOV2005	6	0.784	0.273	0.600	0.609	0.667	0.853	1.307	0	0	0.00%
S332	NOX	mg N/L	18:180	03MAY2005 - 01NOV2005	4	0.046	0.054	0.013	0.016	0.021	0.075	0.127	0	0	0.00%
S332	NO2	mg N/L	19	03MAY2005 - 01NOV2005	6	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	5	0	0.00%
S332	NO3	mg N/L	78	03MAY2005 - 01NOV2005	4	0.045	0.052	0.013	0.016	0.021	0.073	0.123	0	0	0.00%
S332	NH4	mg N/L	20	03MAY2005 - 01NOV2005	6	0.069	0.025	0.049	0.052	0.059	0.081	0.116	0	0	0.00%
S332	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 29NOV2005	6	0.002	0.002	0.001	0.001	0.001	0.001	0.006	0	0	0.00%
S332	NNH4	mg N/L	92	03MAY2005 - 01NOV2005	4	0.121	0.083	0.062	0.071	0.090	0.172	0.243	0	0	0.00%
S332	ORGN	mg N/L	79	03MAY2005 - 01NOV2005	6	0.684	0.209	0.509	0.539	0.610	0.773	1.064	0	0	0.00%
S332	TKN	mg N/L	21	03MAY2005 - 01NOV2005	6	0.753	0.227	0.590	0.600	0.660	0.830	1.180	0	0	0.00%
S332	OPO4	mg P/L	23	03MAY2005 - 01NOV2005	6	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	6	0	0.00%
S332	ALKALINE PHOS	nM/minml	168	03MAY2005 - 21SEP2005	3	8.000	4.583	3.000	3.000	9.000	12.000	12.000	0	0	0.00%
S332	TP	mg P/L	25	03MAY2005 - 29NOV2005	16	0.008	0.004	0.004	0.006	0.006	0.010	0.021	0	0	0.00%
S332	DIS. CA	mg/L	30	03MAY2005 - 01NOV2005	7	67.686	6.510	57.400	63.400	68.200	71.800	78.000	0	0	0.00%
S332	DIS. K	mg/L	29	03MAY2005 - 01NOV2005	6	2.083	0.412	1.700	1.800	1.900	2.500	2.700	0	0	0.00%
S332	DIS. MG	mg/L	31	03MAY2005 - 01NOV2005	7	6.614	2.467	4.400	4.900	5.800	8.600	11.300	0	0	0.00%
S332	DIS. NA	mg/L	28	03MAY2005 - 01NOV2005	6	28.150	8.316	20.500	22.200	24.800	35.100	41.500	0	0	0.00%
S332	TOT. CL	mg/L	32	03MAY2005 - 01NOV2005	6	44.000	14.324	30.400	33.600	38.750	55.400	67.100	0	0	0.00%
S332	TOT. FE	mg/L	177	12JUL2005 - 18OCT2005	2	0.277	0.048	0.243	0.243	0.277	0.311	0.311	0	0	0.00%
S332	TOT. CD	ug/L	103	11JUL2005 - 11JUL2005	1	0.3		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S332	TOT. CU	ug/L	104	11JUL2005 - 11JUL2005	1	1.200		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S332	TOT. ULTRA TRACE HG	ug/L	207	11OCT2005 - 11OCT2005	1	0.002		0.002	0.002	0.002	0.002	0.002	0	0	0.00%
S332	TOT. MTHY HG	ug/L	203	11OCT2005 - 11OCT2005	1	0.000		0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S332	TOT. ZN	ug/L	105	11JUL2005 - 11JUL2005	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S332	CAROTENOID	mg/m3	63	03MAY2005 - 01NOV2005	6	1.167	0.408	<1	<1	<1	1.000	2.000	4	0	0.00%
S332	CHLA	mg/m3	61	03MAY2005 - 01NOV2005	6	1.16667	0.40825	<1	<1	0	1	2	3	0	0.00%
S332	CHLA2	mg/m3	112	03MAY2005 - 01NOV2005	6	1.167	0.408	<1	<1	0.000	1.000	2.000	3	0	0.00%
S332	CHLB	mg/m3	62	03MAY2005 - 01NOV2005	6	1.000	0.000	<1	<1	<1	<1	<1	6	0	0.00%
S332	CHLC	mg/m3	113	03MAY2005 - 01NOV2005	6	1.000	0.000	<1	<1	<1	<1	1.000	5	0	0.00%
S332	PHEOPHYTIN A	mg/m3	64	03MAY2005 - 01NOV2005	6	1.000	0.000	<1	<1	<1	<1	<1	6	0	0.00%
S38B	TOT. ULTRA TRACE HG	ug/L	207	14JUN2005 - 14FEB2006	3	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0	0	0.00%
S38B	TOT. MTHY HG	ug/L	203	14JUN2005 - 14FEB2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
NSIDSP01	DO	mg/L	8	09MAY2005 - 24APR2006	31	6.969	2.799	<0.05	6.680	7.660	8.730	10.200	2	4	12.90%
NSIDSP01	FLDCOND.	UMHOS/CM	9	09MAY2005 - 24APR2006	26	567.885	55.033	480.000	523.000	573.500	607.000	717.000	0	0	0.00%
NSIDSP01	LABCOND.	UMHOS/CM	14	02JUN2005 - 07OCT2005	6	255.530	145.408	2.980	181.200	300.000	329.000	420.000	0	0	0.00%
NSIDSP01	PH	UNITS	10	23MAY2005 - 24APR2006	31	7.984	0.261	7.200	7.860	8.040	8.160	8.310	0	0	0.00%
NSIDSP01	TEMP	CENT	7	09MAY2005 - 24APR2006	32	26.769	4.079	18.300	23.450	27.500	30.050	32.200	0	0	0.00%
NSIDSP01	TP	mg P/L	25	09MAY2005 - 24APR2006	33	0.019	0.005	0.014	0.016	0.017	0.020	0.035	0	0	0.00%
NSIDSP01Aut	TP	mg P/L	25	06JUN2005 - 27FEB2006	11	0.020	0.007	0.011	0.016	0.018	0.023	0.033	0	0	0.00%
S12D	DO	mg/L	8	16MAY2005 - 04APR2006	22	3.180	1.136	1.500	2.500	2.635	4.270	5.480	0	20	90.91%
S12D	FLDCOND.	UMHOS/CM	9	16MAY2005 - 04APR2006	22	529.950	113.686	338.000	452.000	553.500	575.000	795.000	0	0	0.00%
S12D	PH	UNITS	10	16MAY2005 - 04APR2006	23	7.307	0.142	7.000	7.230	7.310	7.410	7.610	0	0	0.00%
S12D	TURBIDITY	NTU	12	16MAY2005 - 04APR2006	21	1.633	1.115	0.800	0.900	1.200	2.100	5.300	0	0	0.00%
S12D	TSS	mg/L	16	16MAY2005 - 04APR2006	21	3.57143	1.80476	<3	<3	<3	<3	11	18	0	0.00%
S12D	COLOR	UNITS	13	16MAY2005 - 04APR2006	21	49.143	14.214	23.000	40.000	56.000	58.000	68.000	0	0	0.00%
S12D	HARDNESS	mg/L CaCO3	35	16MAY2005 - 04APR2006	21	195.143	32.852	138.000	187.000	200.000	207.000	276.000	0	0	0.00%
S12D	TEMP	CENT	7	16MAY2005 - 04APR2006	23	25.860	4.201	17.900	22.000	27.300	28.980	32.300	0	0	0.00%
S12D	ALKALINITY	mg/L	67	16MAY2005 - 04APR2006	21	173.476	26.372	136.000	164.000	170.000	183.000	243.000	0	0	0.00%
S12D	TN	mg N/L	80	16MAY2005 - 04APR2006	21	1.287	0.207	0.880	1.238	1.291	1.401	1.740	0	0	0.00%
S12D	NOX	mg N/L	18;180	16MAY2005 - 07MAR2006	14	0.053	0.026	0.017	0.039	0.051	0.061	0.111	0	0	0.00%
S12D	NO2	mg N/L	19	16MAY2005 - 04APR2006	21	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.006	16	0	0.00%
S12D	NO3	mg N/L	78	16MAY2005 - 07MAR2006	14	0.052	0.024	0.017	0.037	0.050	0.061	0.105	0	0	0.00%
S12D	NH4	mg N/L	20	16MAY2005 - 04APR2006	21	0.065	0.046	0.014	0.031	0.054	0.088	0.162	0	0	0.00%
S12D	UN-IONIZED AMMONIA	mg/L	NONE	16MAY2005 - 04APR2006	21	0.001	0.001	0.000	0.000	0.001	0.001	0.003	0	0	0.00%
S12D	NNH4	mg N/L	92	16MAY2005 - 07MAR2006	14	0.119	0.051	0.044	0.085	0.113	0.145	0.235	0	0	0.00%
S12D	ORGN	mg N/L	79	16MAY2005 - 04APR2006	21	1.187	0.183	0.856	1.127	1.216	1.286	1.606	0	0	0.00%
S12D	TKN	mg N/L	21	16MAY2005 - 04APR2006	21	1.252	0.203	0.880	1.210	1.250	1.390	1.740	0	0	0.00%
S12D	OPO4	mg P/L	23	16MAY2005 - 04APR2006	21	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	21	0	0.00%
S12D	ALKALINE PHOS	nM/minml	168	16MAY2005 - 04APR2006	18	8.611	4.730	<1	6.000	7.000	11.000	19.000	1	0	0.00%
S12D	TP	mg P/L	25	16MAY2005 - 04APR2006	21	0.012	0.005	0.008	0.009	0.009	0.013	0.025	0	0	0.00%
S12D	DIS. CA	mg/L	30	16MAY2005 - 04APR2006	21	59.419	6.452	48.300	57.200	59.600	62.900	74.700	0	0	0.00%
S12D	DIS. K	mg/L	29	16MAY2005 - 04APR2006	21	3.59048	1.14538	1.4	2.7	4	4.2	5.9	0	0	0.00%
S12D	DIS. MG	mg/L	31	16MAY2005 - 04APR2006	21	11.400	4.475	4.000	8.600	13.000	13.500	21.800	0	0	0.00%
S12D	DIS. NA	mg/L	28	16MAY2005 - 04APR2006	21	36.448	11.468	17.600	32.500	37.600	41.400	66.600	0	0	0.00%
S12D	TOT. CL	mg/L	32	16MAY2005 - 04APR2006	21	55.567	16.685	26.700	50.200	58.300	61.200	96.100	0	0	0.00%
S12D	TOT. SO4	mg/L	33	11JUL2005 - 04APR2006	4	11.550	7.830	0.200	6.400	14.300	16.700	17.400	0	0	0.00%
S12D	DIS. SILICA	mg/L	27	11JUL2005 - 04APR2006	4	10.298	4.371	4.090	7.245	11.750	13.350	13.600	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S12D	TOT. FE	mg/L	177	11JUL2005 - 04APR2006	4	0.104	0.077	0.024	0.041	0.102	0.168	0.189	0	0	0.00%
S12D	TOT. ULTRA TRACE HG	ug/L	207	12JUL2005 - 11APR2006	4	0.001	0.000	0.001	0.001	0.001	0.001	0.002	0	0	0.00%
S12D	TOT. MTHY HG	ug/L	203	12JUL2005 - 11APR2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S12D	CHLA	mg/m3	61	16MAY2005 - 04APR2006	20	2.400	2.583	<1	1.000	1.500	3.000	12.000	4	0	0.00%
S12D	CHLA2	mg/m3	112	16MAY2005 - 04APR2006	20	1.950	1.932	<1	0.000	1.000	2.000	9.000	5	0	0.00%
S12D	CHLB	mg/m3	62	16MAY2005 - 04APR2006	20	1.000	0.000	<1	<1	<1	<1	<1	20	0	0.00%
S12D	CHLC	mg/m3	113	16MAY2005 - 04APR2006	20	1.050	0.224	<1	<1	<1	<1	2.000	17	0	0.00%
S12D	PHEOPHYTIN A	mg/m3	64	16MAY2005 - 04APR2006	20	1.200	0.523	<1	<1	<1	1.000	3.000	13	0	0.00%
S34	DO	mg/L	8	09MAY2005 - 24APR2006	21	4.335	1.272	2.530	3.180	3.880	5.530	6.500	0	14	66.67%
S34	FLDCOND.	UMHOS/CM	9	09MAY2005 - 24APR2006	21	842.095	154.379	528.000	762.000	828.000	923.000	1188.000	0	0	0.00%
S34	PH	UNITS	10	23MAY2005 - 24APR2006	20	7.531	0.352	6.230	7.485	7.600	7.705	7.900	0	0	0.00%
S34	TURBIDITY	NTU	12	09MAY2005 - 24APR2006	21	1.914	0.875	0.800	1.100	1.600	2.600	3.600	0	0	0.00%
S34	TSS	mg/L	16	09MAY2005 - 24APR2006	21	3.000	0.000	<3	<3	<3	<3	<3	21	0	0.00%
S34	COLOR	UNITS	13	09MAY2005 - 24APR2006	21	81.905	12.202	58.000	72.000	81.000	93.000	101.000	0	0	0.00%
S34	TEMP	CENT	7	09MAY2005 - 24APR2006	21	24.981	4.742	16.700	21.000	25.300	29.800	32.200	0	0	0.00%
S34	ALKALINITY	mg/L	67	09MAY2005 - 24APR2006	21	226.571	34.894	158.000	200.000	229.000	260.000	283.000	0	0	0.00%
S34	TN	mg N/L	80	09MAY2005 - 24APR2006	21	1.789	0.324	1.112	1.586	1.771	1.928	2.593	0	0	0.00%
S34	NOX	mg N/L	18:180	09MAY2005 - 24APR2006	21	0.045	0.042	0.010	0.019	0.026	0.049	0.168	0	0	0.00%
S34	NO2	mg N/L	19	09MAY2005 - 24APR2006	21	0.006	0.004	<0.004	<0.004	0.005	0.006	0.019	6	0	0.00%
S34	NO3	mg N/L	78	09MAY2005 - 24APR2006	21	0.040	0.037	0.006	0.018	0.022	0.044	0.149	0	0	0.00%
S34	NH4	mg N/L	20	09MAY2005 - 24APR2006	20	0.061	0.031	0.024	0.038	0.048	0.081	0.135	0	0	0.00%
S34	UNIONIZED AMMONIA	mg/L	NONE	09MAY2005 - 24APR2006	19	0.002	0.001	0.000	0.001	0.001	0.002	0.003	0	0	0.00%
S34	NNH4	mg N/L	92	09MAY2005 - 24APR2006	20	0.107	0.059	0.037	0.062	0.097	0.147	0.252	0	0	0.00%
S34	ORGN	mg N/L	79	09MAY2005 - 24APR2006	20	1.688	0.324	1.044	1.487	1.674	1.851	2.496	0	0	0.00%
S34	TKN	mg N/L	21	09MAY2005 - 24APR2006	21	1.744	0.328	1.090	1.540	1.730	1.880	2.570	0	0	0.00%
S34	OPO4	mg P/L	23	09MAY2005 - 24APR2006	21	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	19	0	0.00%
S34	TP	mg P/L	25	09MAY2005 - 24APR2006	21	0.016	0.006	0.008	0.011	0.014	0.020	0.031	0	0	0.00%
S34	DIS. K	mg/L	29	06JUL2005 - 10APR2006	4	6.650	1.489	4.700	5.500	6.950	7.800	8.000	0	0	0.00%
S34	DIS. NA	mg/L	28	06JUL2005 - 10APR2006	4	72.875	16.706	55.200	59.400	71.900	86.350	92.500	0	0	0.00%
S34	TOT. CL	mg/L	32	09MAY2005 - 24APR2006	21	99.276	26.885	51.300	82.000	93.200	107.000	168.000	0	0	0.00%
S34	TOT. SO4	mg/L	33	06JUL2005 - 10APR2006	7	37.357	11.011	16.100	33.000	39.400	45.700	50.600	0	0	0.00%
S34	DIS. SILICA	mg/L	27	06JUL2005 - 10APR2006	7	14.977	4.349	9.620	9.920	17.700	18.300	19.800	0	0	0.00%
S142	DO	mg/L	8	09MAY2005 - 10APR2006	22	4.255	1.173	2.370	3.280	4.080	4.700	6.470	0	17	77.27%
S142	FLDCOND.	UMHOS/CM	9	09MAY2005 - 10APR2006	22	844.318	142.854	517.000	778.000	825.500	919.000	1159.000	0	0	0.00%
S142	PH	UNITS	10	23MAY2005 - 10APR2006	21	7.555	0.223	6.880	7.510	7.580	7.690	7.810	0	0	0.00%
S142	TURBIDITY	NTU	12	09MAY2005 - 10APR2006	22	2.209	0.864	1.100	1.600	2.250	2.800	4.100	0	0	0.00%
S142	TSS	mg/L	16	09MAY2005 - 10APR2006	22	3.091	0.294	<3	<3	<3	<3	4.000	20	0	0.00%
S142	COLOR	UNITS	13	09MAY2005 - 10APR2006	22	81.545	9.226	57.000	76.000	81.500	87.000	98.000	0	0	0.00%
S142	HARDNESS	mg/L CaCO3	35	06JUL2005 - 10APR2006	4	297.250	41.015	246.000	270.000	298.500	324.500	346.000	0	0	0.00%
S142	TEMP	CENT	7	09MAY2005 - 10APR2006	22	24.818	4.731	16.600	20.600	24.900	29.500	32.000	0	0	0.00%
S142	ALKALINITY	mg/L	67	09MAY2005 - 10APR2006	22	224.909	34.901	154.000	193.000	227.500	251.000	283.000	0	0	0.00%
S142	TN	mg N/L	80	09MAY2005 - 10APR2006	22	1.859	0.338	1.071	1.648	1.803	2.119	2.576	0	0	0.00%
S142	NOX	mg N/L	18:180	09MAY2005 - 10APR2006	22	0.067	0.116	0.010	0.018	0.033	0.065	0.556	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S142	NO2	mg N/L	19	09MAY2005 - 10APR2006	22	0.009	0.014	<0.004	0.004	0.004	0.006	0.066	5	0	0.00%
S142	NO3	mg N/L	78	09MAY2005 - 10APR2006	22	0.059	0.102	0.006	0.015	0.028	0.055	0.490	0	0	0.00%
S142	NH4	mg N/L	20	09MAY2005 - 10APR2006	21	0.077	0.058	0.013	0.032	0.058	0.128	0.204	0	0	0.00%
S142	UNIONIZED AMMONIA	mg/L	NONE	09MAY2005 - 10APR2006	20	0.002	0.002	0.000	0.001	0.001	0.002	0.008	0	0	0.00%
S142	NNH4	mg N/L	92	09MAY2005 - 10APR2006	21	0.147	0.162	0.027	0.050	0.085	0.185	0.760	0	0	0.00%
S142	ORGN	mg N/L	79	09MAY2005 - 10APR2006	21	1.722	0.258	1.020	1.597	1.716	1.837	2.162	0	0	0.00%
S142	TKN	mg N/L	21	09MAY2005 - 10APR2006	22	1.791	0.285	1.050	1.630	1.770	2.020	2.250	0	0	0.00%
S142	OPO4	mg P/L	23	09MAY2005 - 10APR2006	22	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.007	18	0	0.00%
S142	TP	mg P/L	25	09MAY2005 - 10APR2006	22	0.016	0.007	0.009	0.011	0.014	0.018	0.037	0	0	0.00%
S142	DIS. CA	mg/L	30	06JUL2005 - 10APR2006	4	79.450	11.849	65.000	71.350	79.500	87.550	93.800	0	0	0.00%
S142	DIS. K	mg/L	29	06JUL2005 - 10APR2006	4	6.625	0.359	6.300	6.350	6.550	6.900	7.100	0	0	0.00%
S142	DIS. MG	mg/L	31	06JUL2005 - 10APR2006	4	24.000	2.751	20.400	22.300	24.250	25.700	27.100	0	0	0.00%
S142	DIS. NA	mg/L	28	06JUL2005 - 10APR2006	4	69.450	8.351	61.400	62.650	68.450	76.250	79.500	0	0	0.00%
S142	TOT. CL	mg/L	32	09MAY2005 - 10APR2006	22	97.341	22.534	49.100	88.200	92.650	103.000	148.000	0	0	0.00%
S142	TOT. SO4	mg/L	33	06JUL2005 - 10APR2006	7	41.829	7.682	34.400	37.900	40.100	42.800	58.200	0	0	0.00%
S142	DIS. SILICA	mg/L	27	06JUL2005 - 10APR2006	7	14.814	3.929	9.800	11.200	16.300	17.900	19.800	0	0	0.00%
S11A	DO	mg/L	8	09MAY2005 - 10APR2006	24	5.042	1.746	2.220	3.410	5.170	6.150	8.360	0	12	50.00%
S11A	FLDCOND.	UMHOS/CM	9	09MAY2005 - 10APR2006	24	870.208	166.914	499.000	746.500	908.500	1003.000	1164.000	0	0	0.00%
S11A	PH	UNITS	10	23MAY2005 - 10APR2006	23	7.646	0.190	7.230	7.540	7.640	7.750	7.970	0	0	0.00%
S11A	TURBIDITY	NTU	12	09MAY2005 - 10APR2006	24	2.283	1.414	0.700	1.050	1.750	3.150	5.100	0	0	0.00%
S11A	TSS	mg/L	16	09MAY2005 - 10APR2006	24	3.292	0.859	<3	<3	<3	0.000	7.000	18	0	0.00%
S11A	COLOR	UNITS	13	09MAY2005 - 10APR2006	24	84.792	14.386	48.000	75.500	87.500	97.000	106.000	0	0	0.00%
S11A	TEMP	CENT	7	09MAY2005 - 10APR2006	24	25.717	4.164	18.500	21.950	25.550	29.000	33.000	0	0	0.00%
S11A	ALKALINITY	mg/L	67	09MAY2005 - 10APR2006	24	227.042	40.843	148.000	189.000	237.500	260.500	286.000	0	0	0.00%
S11A	TN	mg N/L	80	09MAY2005 - 10APR2006	24	1.892	0.425	0.940	1.638	1.927	2.094	2.753	0	0	0.00%
S11A	NOX	mg N/L	18;180	09MAY2005 - 10APR2006	24	0.075	0.136	0.006	0.012	0.021	0.070	0.603	0	0	0.00%
S11A	NO2	mg N/L	19	09MAY2005 - 10APR2006	24	0.009	0.015	<0.004	<0.004	0.004	0.005	0.068	7	0	0.00%
S11A	NO3	mg N/L	78	09MAY2005 - 10APR2006	24	0.067	0.121	0.004	0.011	0.019	0.066	0.535	0	0	0.00%
S11A	NH4	mg N/L	20	09MAY2005 - 10APR2006	23	0.054	0.070	<0.009	0.022	0.035	0.048	0.344	1	0	0.00%
S11A	UNIONIZED AMMONIA	mg/L	NONE	09MAY2005 - 10APR2006	22	0.001	0.001	0.000	0.001	0.001	0.002	0.004	0	0	0.00%
S11A	NNH4	mg N/L	92	09MAY2005 - 10APR2006	23	0.131	0.172	0.010	0.037	0.065	0.129	0.738	0	0	0.00%
S11A	ORGN	mg N/L	79	09MAY2005 - 10APR2006	23	1.771	0.330	0.930	1.573	1.833	2.015	2.336	0	0	0.00%
S11A	TKN	mg N/L	21	09MAY2005 - 10APR2006	24	1.818	0.362	0.930	1.610	1.875	2.070	2.680	0	0	0.00%
S11A	OPO4	mg P/L	23	09MAY2005 - 10APR2006	24	0.005	0.003	<0.004	<0.004	<0.004	0.004	0.016	16	0	0.00%
S11A	TP	mg P/L	25	09MAY2005 - 10APR2006	24	0.016	0.008	0.007	0.011	0.014	0.021	0.038	0	0	0.00%
S11A	DIS. K	mg/L	29	06JUL2005 - 10APR2006	4	7.525	1.087	6.400	6.600	7.550	8.450	8.600	0	0	0.00%
S11A	DIS. NA	mg/L	28	06JUL2005 - 10APR2006	4	81.825	25.041	59.400	60.750	78.950	102.900	110.000	0	0	0.00%
S11A	TOT. CL	mg/L	32	09MAY2005 - 10APR2006	24	100.313	26.719	46.100	83.300	98.550	108.000	160.000	0	0	0.00%
S11A	TOT. SO4	mg/L	33	06JUL2005 - 10APR2006	7	49.086	15.392	29.100	36.700	51.400	57.600	74.700	0	0	0.00%
S11A	DIS. SILICA	mg/L	27	06JUL2005 - 10APR2006	7	17.4557	4.49248	9.59	15	17.8	19.9	24.3	0	0	0.00%
S145	DO	mg/L	8	09MAY2005 - 10APR2006	15	4.987	1.452	1.510	4.420	4.970	5.600	8.000	0	8	53.33%
S145	FLDCOND.	UMHOS/CM	9	09MAY2005 - 10APR2006	15	781.000	160.473	551.000	610.000	789.000	907.000	1042.000	0	0	0.00%
S145	PH	UNITS	10	23MAY2005 - 10APR2006	14	7.689	0.175	7.330	7.620	7.730	7.740	8.030	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S145	TURBIDITY	NTU	12	09MAY2005 - 10APR2006	15	1.287	0.633	0.500	0.800	1.200	1.500	2.800	0	0	0.00%
S145	TSS	mg/L	16	09MAY2005 - 10APR2006	15	3.200	0.775	<3	<3	<3	<3	6.000	14	0	0.00%
S145	COLOR	UNITS	13	09MAY2005 - 10APR2006	15	75.000	14.243	58.000	63.000	72.000	84.000	109.000	0	0	0.00%
S145	TEMP	CENT	7	09MAY2005 - 10APR2006	15	24.693	4.504	16.000	20.600	25.300	28.900	30.800	0	0	0.00%
S145	ALKALINITY	mg/L	67	09MAY2005 - 10APR2006	15	186.600	37.023	126.000	160.000	181.000	214.000	250.000	0	0	0.00%
S145	TN	mg N/L	80	09MAY2005 - 10APR2006	15	1.759	0.298	1.284	1.570	1.735	1.933	2.266	0	0	0.00%
S145	NOX	mg N/L	18,180	09MAY2005 - 10APR2006	15	0.039	0.066	0.004	0.010	0.015	0.036	0.270	0	0	0.00%
S145	NO2	mg N/L	19	09MAY2005 - 10APR2006	15	0.006	0.005	<0.004	<0.004	0.004	0.006	0.025	7	0	0.00%
S145	NO3	mg N/L	78	09MAY2005 - 10APR2006	15	0.035	0.060	<0.004	0.008	0.015	0.030	0.245	1	0	0.00%
S145	NH4	mg N/L	20	09MAY2005 - 10APR2006	14	0.05421	0.04997	<0.009	0.019	0.0355	0.097	0.176	1	0	0.00%
S145	UNIONIZED AMMONIA	mg/L	NONE	09MAY2005 - 10APR2006	13	0.002	0.002	0.000	0.001	0.001	0.002	0.008	0	0	0.00%
S145	NNH4	mg N/L	92	09MAY2005 - 10APR2006	14	0.094	0.090	0.008	0.034	0.052	0.136	0.313	0	0	0.00%
S145	ORGN	mg N/L	79	09MAY2005 - 10APR2006	14	1.642	0.263	1.249	1.483	1.581	1.797	2.184	0	0	0.00%
S145	TKN	mg N/L	21	09MAY2005 - 10APR2006	15	1.721	0.288	1.270	1.560	1.720	1.900	2.230	0	0	0.00%
S145	OPO4	mg P/L	23	09MAY2005 - 10APR2006	15	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	15	0	0.00%
S145	TP	mg P/L	25	09MAY2005 - 10APR2006	15	0.012	0.007	0.006	0.008	0.010	0.017	0.031	0	0	0.00%
S145	DIS. K	mg/L	29	18JUL2005 - 10APR2006	4	6.225	1.788	4.400	4.850	6.000	7.600	8.500	0	0	0.00%
S145	DIS. NA	mg/L	28	18JUL2005 - 10APR2006	4	65.525	21.081	46.300	53.000	60.100	78.050	95.600	0	0	0.00%
S145	TOT. CL	mg/L	32	09MAY2005 - 10APR2006	15	102.380	24.828	68.000	74.200	106.000	120.000	138.000	0	0	0.00%
S145	TOT. SO4	mg/L	33	18JUL2005 - 10APR2006	4	34.675	11.465	21.300	25.200	35.850	44.150	45.700	0	0	0.00%
S145	DIS. SILICA	mg/L	27	18JUL2005 - 10APR2006	4	11.895	3.989	8.120	8.640	11.380	15.150	16.700	0	0	0.00%
S151	DO	mg/L	8	09MAY2005 - 24APR2006	16	3.753	1.373	1.520	2.655	4.040	4.840	6.200	0	14	87.50%
S151	FLDCOND.	UMHOS/CM	9	09MAY2005 - 24APR2006	16	710.188	92.635	525.000	673.000	704.500	748.000	943.000	0	0	0.00%
S151	PH	UNITS	10	09MAY2005 - 24APR2006	16	7.343	0.248	6.980	7.060	7.485	7.515	7.660	0	0	0.00%
S151	TURBIDITY	NTU	12	09MAY2005 - 24APR2006	16	2.306	1.350	0.600	1.150	2.100	3.550	4.900	0	0	0.00%
S151	TSS	mg/L	16	09MAY2005 - 24APR2006	16	3.500	1.317	<3	<3	<3	0.000	8.000	12	0	0.00%
S151	COLOR	UNITS	13	09MAY2005 - 24APR2006	16	62.750	12.541	40.000	55.000	62.500	68.000	90.000	0	0	0.00%
S151	TEMP	CENT	7	09MAY2005 - 24APR2006	16	24.706	4.058	17.500	21.600	25.100	28.150	31.700	0	0	0.00%
S151	ALKALINITY	mg/L	67	09MAY2005 - 24APR2006	16	211.938	21.950	179.000	195.000	214.000	223.500	253.000	0	0	0.00%
S151	TN	mg N/L	80	09MAY2005 - 24APR2006	16	1.570	0.184	1.242	1.488	1.525	1.662	1.935	0	0	0.00%
S151	NOX	mg N/L	18,180	09MAY2005 - 24APR2006	16	0.054	0.022	0.026	0.042	0.049	0.065	0.111	0	0	0.00%
S151	NO2	mg N/L	19	09MAY2005 - 24APR2006	16	0.005	0.002	<0.004	0.004	0.004	0.006	0.012	3	0	0.00%
S151	NO3	mg N/L	78	09MAY2005 - 24APR2006	16	0.049	0.020	0.025	0.036	0.046	0.061	0.099	0	0	0.00%
S151	NH4	mg N/L	20	09MAY2005 - 24APR2006	15	0.095	0.057	0.028	0.052	0.083	0.128	0.261	0	0	0.00%
S151	UNIONIZED AMMONIA	mg/L	NONE	09MAY2005 - 24APR2006	15	0.001	0.001	0.000	0.000	0.002	0.003	0.003	0	0	0.00%
S151	NNH4	mg N/L	92	09MAY2005 - 24APR2006	15	0.151	0.066	0.054	0.108	0.128	0.202	0.303	0	0	0.00%
S151	ORGN	mg N/L	79	09MAY2005 - 24APR2006	15	1.40813	0.16835	1.143	1.323	1.388	1.448	1.807	0	0	0.00%
S151	TKN	mg N/L	21	09MAY2005 - 24APR2006	16	1.516	0.182	1.190	1.435	1.485	1.585	1.890	0	0	0.00%
S151	OPO4	mg P/L	23	09MAY2005 - 24APR2006	16	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	15	0	0.00%
S151	TP	mg P/L	25	09MAY2005 - 24APR2006	16	0.015	0.007	0.009	0.010	0.012	0.018	0.034	0	0	0.00%
S151	DIS. K	mg/L	29	06JUL2005 - 10APR2006	4	4.975	0.574	4.300	4.500	5.050	5.450	5.500	0	0	0.00%
S151	DIS. NA	mg/L	28	06JUL2005 - 10APR2006	4	52.050	4.970	46.800	47.950	51.900	56.150	57.600	0	0	0.00%
S151	TOT. CL	mg/L	32	09MAY2005 - 24APR2006	16	76.669	14.197	52.800	70.650	76.350	81.550	118.000	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S151	TOT. SO4	mg/L	33	06JUL2005 - 10APR2006	4	23.450	8.731	13.600	16.100	24.600	30.800	31.000	0	0	0.00%
S151	DIS. SILICA	mg/L	27	06JUL2005 - 10APR2006	4	10.820	5.387	4.370	6.390	11.605	15.250	15.700	0	0	0.00%
S151	TOT. ULTRA TRACE HG	ug/L	207	13JUN2005 - 13FEB2006	3	0.002	0.000	0.001	0.001	0.002	0.002	0.002	0	0	0.00%
S151	TOT. MTHY HG	ug/L	203	13JUN2005 - 13FEB2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S333	DO	mg/L	8	02MAY2005 - 25APR2006	26	3.516	1.094	1.500	2.680	3.285	4.400	6.170	0	23	88.46%
S333	FLDCOND.	UMHOS/CM	9	02MAY2005 - 25APR2006	27	516.752	134.946	338.600	382.000	547.800	593.000	823.000	0	0	0.00%
S333	PH	UNITS	10	02MAY2005 - 25APR2006	28	7.328	0.118	7.030	7.285	7.340	7.385	7.530	0	0	0.00%
S333	TURBIDITY	NTU	12	02MAY2005 - 18APR2006	20	1.795	1.256	0.500	1.000	1.250	2.350	4.900	0	0	0.00%
S333	TSS	mg/L	16	02MAY2005 - 18APR2006	20	4.500	3.706	<3	<3	1.500	19.000	19.000	15	0	0.00%
S333	COLOR	UNITS	13	02MAY2005 - 18APR2006	20	49.200	14.526	24.000	40.500	56.000	60.000	66.000	0	0	0.00%
S333	HARDNESS	mg/L CaCO3	35	02MAY2005 - 18APR2006	23	199.478	33.381	142.000	180.000	203.000	224.000	276.000	0	0	0.00%
S333	TEMP	CENT	7	02MAY2005 - 25APR2006	28	24.453	4.010	16.800	21.500	24.750	27.650	32.500	0	0	0.00%
S333	ALKALINITY	mg/L	67	02MAY2005 - 18APR2006	20	179.500	25.810	136.000	166.000	176.000	194.500	246.000	0	0	0.00%
S333	TN	mg N/L	80	02MAY2005 - 25APR2006	26	1.240	0.294	<0.5	1.030	1.262	1.388	1.740	1	0	0.00%
S333	NOX	mg N/L	18;180	02MAY2005 - 25APR2006	12	0.041	0.028	0.012	0.019	0.040	0.051	0.115	0	0	0.00%
S333	NO2	mg N/L	19	02MAY2005 - 18APR2006	20	0.00455	0.00182	<0.004	<0.004	<0.004	0	0.012	15	0	0.00%
S333	NO3	mg N/L	78	02MAY2005 - 07MAR2006	10	0.043	0.026	0.014	0.026	0.041	0.049	0.103	0	0	0.00%
S333	NH4	mg N/L	20	02MAY2005 - 25APR2006	26	0.059	0.047	0.014	0.024	0.035	0.077	0.166	0	0	0.00%
S333	UNIONIZED AMMONIA	mg/L	NONE	02MAY2005 - 25APR2006	26	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0	0	0.00%
S333	NNH4	mg N/L	92	02MAY2005 - 25APR2006	12	0.111	0.060	0.032	0.049	0.117	0.167	0.192	0	0	0.00%
S333	ORGN	mg N/L	79	16MAY2005 - 25APR2006	24	1.203	0.229	0.810	1.077	1.212	1.361	1.664	0	0	0.00%
S333	TKN	mg N/L	21	16MAY2005 - 25APR2006	25	1.251	0.252	0.830	1.070	1.250	1.380	1.740	0	0	0.00%
S333	OPO4	mg P/L	23	02MAY2005 - 18APR2006	20	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	18	0	0.00%
S333	ALKALINE PHOS	nM/minml	168	02MAY2005 - 04APR2006	16	9.250	3.958	4.000	6.000	9.000	12.000	16.000	0	0	0.00%
S333	TP	mg P/L	25	02MAY2005 - 25APR2006	26	0.012	0.006	0.007	0.008	0.010	0.015	0.030	0	0	0.00%
S333	DIS. CA	mg/L	30	02MAY2005 - 18APR2006	23	61.065	7.039	49.700	55.900	60.500	67.800	74.100	0	0	0.00%
S333	DIS. K	mg/L	29	02MAY2005 - 18APR2006	21	3.590	1.055	1.800	2.900	4.000	4.100	6.000	0	0	0.00%
S333	DIS. MG	mg/L	31	02MAY2005 - 18APR2006	23	11.435	4.375	4.300	10.100	12.800	13.800	22.100	0	0	0.00%
S333	DIS. NA	mg/L	28	02MAY2005 - 18APR2006	21	36.290	11.868	18.700	32.400	38.200	41.100	67.500	0	0	0.00%
S333	TOT. CL	mg/L	32	02MAY2005 - 18APR2006	20	56.880	16.959	28.000	50.300	59.350	64.600	97.900	0	0	0.00%
S333	TOT. SO4	mg/L	33	25JUL2005 - 04APR2006	3	11.467	9.762	0.200	0.200	16.800	17.400	17.400	0	0	0.00%
S333	DIS. SILICA	mg/L	27	25JUL2005 - 04APR2006	3	9.970	5.162	4.010	4.010	12.900	13.000	13.000	0	0	0.00%
S333	TOT. FE	mg/L	177	25JUL2005 - 04APR2006	4	0.072	0.050	0.020	0.041	0.063	0.102	0.141	0	0	0.00%
S333	TOT. CD	ug/L	103	12JUL2005 - 05JAN2006	2	0.900	0.849	<0.3	<0.3	0.600	1.500	1.500	1	0	0.00%
S333	TOT. CU	ug/L	104	12JUL2005 - 05JAN2006	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	12JUL2005 - 05JAN2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S333	CHLA	mg/m3	61	02MAY2005 - 18APR2006	19	3.684	4.679	<1	1.000	2.000	3.000	20.000	2	0	0.00%
S333	CHLA2	mg/m3	112	02MAY2005 - 18APR2006	19	2.895	3.588	<1	1.000	2.000	3.000	16.000	3	0	0.00%
S333	CHLB	mg/m3	62	02MAY2005 - 18APR2006	20	1.050	0.224	<1	<1	<1	<1	2.000	19	0	0.00%
S333	CHLC	mg/m3	113	02MAY2005 - 18APR2006	21	1.286	0.644	<1	<1	<1	<1	3.000	17	0	0.00%
S333	PHEOPHYTIN A	mg/m3	64	02MAY2005 - 18APR2006	19	1.684	1.600	<1	<1	<1	1.000	6.000	13	0	0.00%
S333Auto	TN	mg N/L	80	31JAN2006 - 25APR2006	87	1.088	0.314	<0.5	0.930	1.020	1.180	1.790	6	0	0.00%
S333Auto	NOX	mg N/L	18;180	07FEB2006 - 25APR2006	65	0.021	0.022	0.007	0.011	0.013	0.017	0.096	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S333Auto	NH4	mg N/L	20	31JAN2006 - 07FEB2006	14	0.080	0.020	0.050	0.064	0.081	0.091	0.121	0	0	0.00%
S333Auto	NNH4	mg N/L	92	07FEB2006 - 07FEB2006	5	0.153	0.019	0.128	0.141	0.161	0.162	0.175	0	0	0.00%
S333Auto	ORGN	mg N/L	79	31JAN2006 - 07FEB2006	14	1.547	0.163	1.200	1.513	1.625	1.664	1.699	0	0	0.00%
S333Auto	TKN	mg N/L	21	31JAN2006 - 25APR2006	81	1.116	0.273	0.830	0.930	1.020	1.180	1.790	0	0	0.00%
S333Auto	TP	mg P/L	25	31JAN2006 - 25APR2006	75	0.011	0.003	0.007	0.009	0.010	0.014	0.018	0	0	0.00%
C123SR84	DO	mg/L	8	10MAY2005 - 11APR2006	17	3.652	0.211	0.760	2.120	3.010	5.110	7.470	0	12	70.59%
C123SR84	FLDCOND.	UMHOS/CM	9	10MAY2005 - 11APR2006	17	565.706	86.949	449.000	497.000	553.000	637.000	706.000	0	0	0.00%
C123SR84	PH	UNITS	10	10MAY2005 - 11APR2006	16	7.352	0.203	6.800	7.255	7.380	7.490	7.640	0	0	0.00%
C123SR84	TURBIDITY	NTU	12	10MAY2005 - 11APR2006	17	3.876	2.357	1.300	2.600	3.400	5.000	10.900	0	0	0.00%
C123SR84	TSS	mg/L	16	10MAY2005 - 11APR2006	17	4.412	3.203	<3	<3	3.000	4.000	16.000	8	0	0.00%
C123SR84	COLOR	UNITS	13	10MAY2005 - 11APR2006	17	73.824	26.077	43.000	52.000	68.000	91.000	134.000	0	0	0.00%
C123SR84	TEMP	CENT	7	10MAY2005 - 11APR2006	17	24.982	4.530	15.300	21.900	25.400	28.700	30.900	0	0	0.00%
C123SR84	ALKALINITY	mg/L	67	10MAY2005 - 11APR2006	17	187.412	32.554	156.000	159.000	174.000	226.000	241.000	0	0	0.00%
C123SR84	TN	mg N/L	80	10MAY2005 - 11APR2006	17	1.399	0.251	1.038	1.215	1.360	1.573	1.990	0	0	0.00%
C123SR84	NOX	mg N/L	18;180	10MAY2005 - 11APR2006	17	0.082	0.128	0.007	0.027	0.048	0.086	0.560	0	0	0.00%
C123SR84	NO2	mg N/L	19	10MAY2005 - 11APR2006	17	0.008	0.008	<0.004	0.004	0.004	0.008	0.035	4	0	0.00%
C123SR84	NO3	mg N/L	78	10MAY2005 - 11APR2006	17	0.075	0.120	<0.004	0.027	0.044	0.078	0.525	1	0	0.00%
C123SR84	NH4	mg N/L	20	10MAY2005 - 11APR2006	17	0.051	0.036	0.017	0.026	0.038	0.052	0.132	0	0	0.00%
C123SR84	UNIONIZED AMMONIA	mg/L	NONE	10MAY2005 - 11APR2006	16	0.001	0.001	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
C123SR84	NNH4	mg N/L	92	10MAY2005 - 11APR2006	17	0.133	0.133	0.026	0.073	0.104	0.135	0.605	0	0	0.00%
C123SR84	ORGN	mg N/L	79	10MAY2005 - 11APR2006	17	1.266	0.179	1.008	1.101	1.245	1.385	1.684	0	0	0.00%
C123SR84	TKN	mg N/L	21	10MAY2005 - 11APR2006	17	1.318	0.185	1.030	1.190	1.270	1.430	1.720	0	0	0.00%
C123SR84	OPO4	mg P/L	23	10MAY2005 - 11APR2006	17	0.013	0.012	<0.004	0.006	0.007	0.016	0.053	2	0	0.00%
C123SR84	TP	mg P/L	25	10MAY2005 - 11APR2006	17	0.03235	0.01624	0.015	0.021	0.029	0.037	0.078	0	0	0.00%
C123SR84	DIS. K	mg/L	29	05JUL2005 - 11APR2006	4	4.600	0.852	3.400	4.050	4.800	5.150	5.400	0	0	0.00%
C123SR84	DIS. NA	mg/L	28	05JUL2005 - 11APR2006	4	38.350	7.703	27.700	32.700	40.650	44.000	44.400	0	0	0.00%
C123SR84	TOT. CL	mg/L	32	10MAY2005 - 11APR2006	17	50.235	10.633	34.900	43.000	47.100	55.800	69.600	0	0	0.00%
C123SR84	TOT. SO4	mg/L	33	05JUL2005 - 11APR2006	6	20.000	10.835	5.700	13.000	18.450	29.200	35.200	0	0	0.00%
C123SR84	DIS. SILICA	mg/L	27	05JUL2005 - 11APR2006	6	6.933	3.561	0.870	4.330	8.675	9.130	9.920	0	0	0.00%
G94B	DO	mg/L	8	23MAY2005 - 24APR2006	12	4.154	1.716	1.900	3.135	3.735	5.530	6.840	0	9	75.00%
G94B	FLDCOND.	UMHOS/CM	9	23MAY2005 - 24APR2006	13	673.385	167.978	438.000	586.000	641.000	778.000	1001.000	0	0	0.00%
G94B	PH	UNITS	10	23MAY2005 - 24APR2006	13	7.347	0.226	7.070	7.200	7.250	7.440	7.800	0	0	0.00%
G94B	TURBIDITY	NTU	12	23MAY2005 - 24APR2006	13	4.738	3.781	1.300	2.800	3.800	4.800	13.600	0	0	0.00%
G94B	TSS	mg/L	16	23MAY2005 - 24APR2006	12	6.917	6.842	<3	<3	4.000	7.500	26.000	4	0	0.00%
G94B	COLOR	UNITS	13	23MAY2005 - 24APR2006	13	104.000	32.133	76.000	84.000	90.000	109.000	172.000	0	0	0.00%
G94B	HARDNESS	mg/L CaCO3	35	06JUN2005 - 13MAR2006	4	233.500	72.436	178.000	181.500	210.500	285.500	335.000	0	0	0.00%
G94B	TEMP	CENT	7	23MAY2005 - 24APR2006	13	24.638	4.266	15.800	21.300	24.700	27.800	30.800	0	0	0.00%
G94B	ALKALINITY	mg/L	67	23MAY2005 - 24APR2006	13	166.615	37.615	128.000	136.000	150.000	202.000	241.000	0	0	0.00%
G94B	TN	mg N/L	80	23MAY2005 - 24APR2006	13	2.220	1.299	1.300	1.457	1.650	2.407	5.520	0	0	0.00%
G94B	NOX	mg N/L	18;180	23MAY2005 - 24APR2006	13	0.365	0.726	<0.004	<0.004	0.007	0.058	2.240	4	0	0.00%
G94B	NO2	mg N/L	19	23MAY2005 - 24APR2006	13	0.051	0.094	<0.004	<0.004	0.005	0.006	0.274	6	0	0.00%
G94B	NO3	mg N/L	78	23MAY2005 - 24APR2006	13	0.317	0.636	<0.004	<0.004	0.007	0.052	2.008	6	0	0.00%
G94B	NH4	mg N/L	20	23MAY2005 - 24APR2006	13	0.053	0.128	<0.009	<0.009	0.011	0.031	0.478	5	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
G94B	UNIONIZED AMMONIA	mg/L	NONE	23MAY2005 - 24APR2006	13	0.001	0.002	0.000	0.000	0.000	0.000	0.006	0	0	0.00%
G94B	NNH4	mg N/L	92	23MAY2005 - 24APR2006	13	0.414	0.835	<0.009	0.007	0.015	0.097	2.718	2	0	0.00%
G94B	ORGN	mg N/L	79	23MAY2005 - 24APR2006	13	1.807	0.526	1.300	1.450	1.639	1.918	2.802	0	0	0.00%
G94B	TKN	mg N/L	21	23MAY2005 - 24APR2006	13	1.85615	0.61432	1.3	1.45	1.65	1.96	3.28	0	0	0.00%
G94B	OPO4	mg P/L	23	23MAY2005 - 24APR2006	13	0.025	0.053	<0.004	<0.004	0.004	0.017	0.196	6	0	0.00%
G94B	TP	mg P/L	25	23MAY2005 - 24APR2006	13	0.067	0.063	0.018	0.036	0.042	0.076	0.256	0	0	0.00%
G94B	DIS. CA	mg/L	30	06JUN2005 - 13MAR2006	4	69.775	16.432	53.900	57.800	66.650	81.750	91.900	0	0	0.00%
G94B	DIS. K	mg/L	29	06JUN2005 - 13MAR2006	4	6.150	2.009	4.400	4.800	5.600	7.500	9.000	0	0	0.00%
G94B	DIS. MG	mg/L	31	06JUN2005 - 13MAR2006	4	14.425	8.246	5.800	9.050	13.150	19.800	25.600	0	0	0.00%
G94B	DIS. NA	mg/L	28	06JUN2005 - 13MAR2006	4	60.750	20.047	31.600	48.750	67.050	72.750	77.300	0	0	0.00%
G94B	TOT. CL	mg/L	32	23MAY2005 - 24APR2006	13	86.054	22.481	45.800	85.200	88.300	103.000	109.000	0	0	0.00%
G94B	TOT. SO4	mg/L	33	06JUN2005 - 13MAR2006	4	37.175	33.047	12.500	18.100	25.150	56.250	85.900	0	0	0.00%
G94B	DIS. SILICA	mg/L	27	06JUN2005 - 13MAR2006	4	11.288	7.804	4.470	6.450	9.090	16.125	22.500	0	0	0.00%
G94B	TOT. FE	mg/L	177	06JUN2005 - 06JUN2005	1	0.418		0.418	0.418	0.418	0.418	0.418	0	0	0.00%
S31	DO	mg/L	8	09MAY2005 - 10APR2006	14	2.976	1.833	0.510	1.620	2.560	3.660	6.570	0	12	85.71%
S31	FLDCOND.	UMHOS/CM	9	09MAY2005 - 10APR2006	14	679.214	38.891	633.000	646.000	672.000	712.000	751.000	0	0	0.00%
S31	PH	UNITS	10	09MAY2005 - 10APR2006	14	7.409	0.175	7.030	7.310	7.400	7.540	7.640	0	0	0.00%
S31	TURBIDITY	NTU	12	09MAY2005 - 10APR2006	14	1.671	0.737	0.700	1.000	1.700	2.100	3.200	0	0	0.00%
S31	TSS	mg/L	16	09MAY2005 - 10APR2006	14	3.000	0.000	<3	<3	<3	<3	<3	14	0	0.00%
S31	COLOR	UNITS	13	09MAY2005 - 10APR2006	14	59.714	10.823	45.000	53.000	57.000	63.000	83.000	0	0	0.00%
S31	TEMP	CENT	7	09MAY2005 - 10APR2006	14	25.593	4.187	18.200	22.700	26.300	28.700	31.800	0	0	0.00%
S31	ALKALINITY	mg/L	67	09MAY2005 - 10APR2006	14	211.643	13.500	196.000	204.000	207.500	217.000	245.000	0	0	0.00%
S31	TN	mg N/L	80	09MAY2005 - 10APR2006	14	1.324	0.169	1.060	1.156	1.349	1.449	1.611	0	0	0.00%
S31	NOX	mg N/L	18,180	09MAY2005 - 10APR2006	14	0.038	0.034	<0.004	0.011	0.029	0.050	0.121	1	0	0.00%
S31	NO2	mg N/L	19	09MAY2005 - 10APR2006	14	0.005	0.001	<0.004	<0.004	<0.004	0.004	0.007	9	0	0.00%
S31	NO3	mg N/L	78	09MAY2005 - 10APR2006	14	0.03636	0.03211	<0.004	0.011	0.029	0.05	0.114	1	0	0.00%
S31	NH4	mg N/L	20	09MAY2005 - 10APR2006	14	0.072	0.035	0.009	0.047	0.075	0.095	0.131	0	0	0.00%
S31	UNIONIZED AMMONIA	mg/L	NONE	09MAY2005 - 10APR2006	14	0.001	0.001	0.000	0.001	0.001	0.002	0.003	0	0	0.00%
S31	NNH4	mg N/L	92	09MAY2005 - 10APR2006	14	0.110	0.061	0.020	0.072	0.107	0.136	0.252	0	0	0.00%
S31	ORGN	mg N/L	79	09MAY2005 - 10APR2006	14	1.214	0.140	1.006	1.120	1.210	1.359	1.443	0	0	0.00%
S31	TKN	mg N/L	21	09MAY2005 - 10APR2006	14	1.286	0.143	1.060	1.150	1.305	1.420	1.490	0	0	0.00%
S31	OPO4	mg P/L	23	09MAY2005 - 10APR2006	14	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	14	0	0.00%
S31	TP	mg P/L	25	09MAY2005 - 10APR2006	14	0.013	0.003	0.008	0.010	0.013	0.015	0.019	0	0	0.00%
S31	DIS. K	mg/L	29	06JUL2005 - 10APR2006	4	4.475	0.675	3.900	3.900	4.400	5.050	5.200	0	0	0.00%
S31	DIS. NA	mg/L	28	06JUL2005 - 10APR2006	4	48.800	6.407	42.200	43.550	48.400	54.050	56.200	0	0	0.00%
S31	TOT. CL	mg/L	32	09MAY2005 - 10APR2006	14	70.493	5.793	63.800	67.500	69.000	71.800	82.400	0	0	0.00%
S31	TOT. SO4	mg/L	33	06JUL2005 - 10APR2006	6	13.383	7.585	7.400	7.600	10.150	18.600	26.400	0	0	0.00%
S31	DIS. SILICA	mg/L	27	06JUL2005 - 10APR2006	6	12.587	4.539	4.980	9.640	13.900	16.500	16.600	0	0	0.00%
S38	DO	mg/L	8	09MAY2005 - 24APR2006	22	2.956	1.327	1.110	2.120	2.925	3.410	6.640	0	20	90.91%
S38	FLDCOND.	UMHOS/CM	9	09MAY2005 - 24APR2006	22	711.227	170.239	459.000	598.000	650.000	769.000	1123.000	0	0	0.00%
S38	PH	UNITS	10	23MAY2005 - 24APR2006	21	7.471	0.138	7.240	7.360	7.470	7.550	7.820	0	0	0.00%
S38	TURBIDITY	NTU	12	09MAY2005 - 24APR2006	22	1.386	0.857	0.500	0.900	1.150	1.400	3.800	0	0	0.00%
S38	TSS	mg/L	16	09MAY2005 - 24APR2006	22	3.045	0.213	<3	<3	<3	<3	4.000	21	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S38	COLOR	UNITS	13	09MAY2005 - 24APR2006	22	80.727	14.038	60.000	71.000	78.500	91.000	113.000	0	0	0.00%
S38	TEMP	CENT	7	09MAY2005 - 24APR2006	22	25.482	3.883	19.900	21.600	25.350	29.200	31.500	0	0	0.00%
S38	ALKALINITY	mg/L	67	09MAY2005 - 24APR2006	22	172.545	41.628	120.000	143.000	160.500	191.000	270.000	0	0	0.00%
S38	TN	mg N/L	80	09MAY2005 - 24APR2006	22	1.634	0.347	1.220	1.422	1.517	1.815	2.556	0	0	0.00%
S38	NOX	mg N/L	18;180	09MAY2005 - 24APR2006	22	0.021	0.023	0.006	0.008	0.014	0.026	0.113	0	0	0.00%
S38	NO2	mg N/L	19	09MAY2005 - 24APR2006	22	0.005	0.002	<0.004	<0.004	0.004	0.004	0.012	10	0	0.00%
S38	NO3	mg N/L	78	09MAY2005 - 24APR2006	22	0.018	0.021	<0.004	0.007	0.014	0.023	0.101	2	0	0.00%
S38	NH4	mg N/L	20	09MAY2005 - 24APR2006	21	0.067	0.076	0.009	0.022	0.040	0.083	0.350	0	0	0.00%
S38	UNIONIZED AMMONIA	mg/L	NONE	09MAY2005 - 24APR2006	20	0.001	0.001	0.000	0.000	0.001	0.002	0.004	0	0	0.00%
S38	NNH4	mg N/L	92	09MAY2005 - 24APR2006	21	0.088	0.089	0.016	0.029	0.049	0.110	0.385	0	0	0.00%
S38	ORGN	mg N/L	79	09MAY2005 - 24APR2006	21	1.530	0.305	1.164	1.394	1.442	1.510	2.405	0	0	0.00%
S38	TKN	mg N/L	21	09MAY2005 - 24APR2006	22	1.613	0.335	1.210	1.410	1.510	1.780	2.530	0	0	0.00%
S38	OPO4	mg P/L	23	09MAY2005 - 24APR2006	22	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.011	20	0	0.00%
S38	TP	mg P/L	25	09MAY2005 - 24APR2006	22	0.013	0.008	0.007	0.008	0.010	0.017	0.035	0	0	0.00%
S38	DIS. K	mg/L	29	06JUL2005 - 10APR2006	4	6.025	1.497	4.800	5.100	5.550	6.950	8.200	0	0	0.00%
S38	DIS. NA	mg/L	28	06JUL2005 - 10APR2006	4	66.400	16.637	51.300	55.650	62.150	77.150	90.000	0	0	0.00%
S38	TOT. CL	mg/L	32	09MAY2005 - 24APR2006	22	95.877	24.446	56.700	78.700	93.200	98.400	161.000	0	0	0.00%
S38	TOT. SO4	mg/L	33	06JUL2005 - 10APR2006	6	24.533	12.116	9.700	14.500	25.600	27.200	44.600	0	0	0.00%
S38	DIS. SILICA	mg/L	27	06JUL2005 - 10APR2006	6	12.875	3.447	7.750	11.100	12.850	15.900	16.800	0	0	0.00%
S39	DO	mg/L	8	09MAY2005 - 13APR2006	11	5.018	2.345	1.240	3.990	4.460	6.840	9.700	0	6	54.55%
S39	FLDCOND.	UMHOS/CM	9	09MAY2005 - 13APR2006	13	673.846	252.698	255.000	408.000	778.000	808.000	1000.000	0	0	0.00%
S39	PH	UNITS	10	09MAY2005 - 13APR2006	13	7.653	0.416	7.070	7.330	7.630	7.910	8.380	0	0	0.00%
S39	TURBIDITY	NTU	12	09MAY2005 - 13APR2006	13	2.138	1.119	0.800	1.400	1.900	2.600	4.700	0	0	0.00%
S39	TSS	mg/L	16	09MAY2005 - 13APR2006	13	3.231	0.599	<3	<3	<3	<3	5.000	10	0	0.00%
S39	COLOR	UNITS	13	09MAY2005 - 13APR2006	13	88.923	17.447	68.000	78.000	80.000	101.000	128.000	0	0	0.00%
S39	HARDNESS	mg/L CaCO3	35	20JUN2005 - 13MAR2006	4	192.500	72.436	105.000	138.000	194.500	247.000	276.000	0	0	0.00%
S39	TEMP	CENT	7	09MAY2005 - 13APR2006	13	25.246	4.829	13.700	23.400	25.200	29.200	30.700	0	0	0.00%
S39	ALKALINITY	mg/L	67	09MAY2005 - 13APR2006	13	159.462	55.907	74.000	103.000	170.000	207.000	235.000	0	0	0.00%
S39	TN	mg N/L	80	09MAY2005 - 13APR2006	13	1.671	0.371	1.068	1.427	1.620	1.934	2.305	0	0	0.00%
S39	NOX	mg N/L	18;180	09MAY2005 - 13APR2006	13	0.047	0.064	0.007	0.010	0.027	0.045	0.234	0	0	0.00%
S39	NO2	mg N/L	19	09MAY2005 - 13APR2006	13	0.006	0.004	<0.004	0.004	0.004	0.006	0.017	3	0	0.00%
S39	NO3	mg N/L	78	09MAY2005 - 13APR2006	13	0.042	0.060	<0.004	0.010	0.020	0.040	0.217	2	0	0.00%
S39	NH4	mg N/L	20	09MAY2005 - 13APR2006	13	0.027	0.023	<0.009	0.011	0.017	0.030	0.074	3	0	0.00%
S39	UNIONIZED AMMONIA	mg/L	NONE	09MAY2005 - 13APR2006	13	0.001	0.001	0.000	0.000	0.001	0.002	0.002	0	0	0.00%
S39	NNH4	mg N/L	92	09MAY2005 - 13APR2006	13	0.073	0.079	0.008	0.022	0.045	0.094	0.303	0	0	0.00%
S39	ORGN	mg N/L	79	09MAY2005 - 13APR2006	13	1.598	0.339	0.990	1.382	1.610	1.766	2.203	0	0	0.00%
S39	TKN	mg N/L	21	09MAY2005 - 13APR2006	13	1.624	0.346	1.020	1.400	1.610	1.840	2.260	0	0	0.00%
S39	OPO4	mg P/L	23	09MAY2005 - 13APR2006	13	0.007	0.004	<0.004	<0.004	0.005	0.010	0.017	4	0	0.00%
S39	TP	mg P/L	25	09MAY2005 - 13APR2006	13	0.032	0.012	0.018	0.024	0.031	0.036	0.055	0	0	0.00%
S39	DIS. CA	mg/L	30	20JUN2005 - 13MAR2006	4	52.95	18.9662	30.4	38	53.8	67.9	73.8	0	0	0.00%
S39	DIS. K	mg/L	29	20JUN2005 - 13MAR2006	4	5.775	2.435	2.700	3.900	6.050	7.650	8.300	0	0	0.00%
S39	DIS. MG	mg/L	31	20JUN2005 - 13MAR2006	4	14.675	6.237	7.200	10.500	14.550	18.850	22.400	0	0	0.00%
S39	DIS. NA	mg/L	28	20JUN2005 - 13MAR2006	4	63.525	24.405	34.800	45.750	63.050	81.300	93.200	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S39	TOT. CL	mg/L	32	09MAY2005 - 13APR2006	13	89.469	35.778	27.300	52.300	102.000	107.000	140.000	0	0	0.00%
S39	TOT. SO4	mg/L	33	20JUN2005 - 13MAR2006	4	34.375	21.232	9.300	20.150	33.600	48.600	61.000	0	0	0.00%
S39	DIS. SILICA	mg/L	27	20JUN2005 - 13MAR2006	3	10.170	3.244	7.320	7.320	9.490	13.700	13.700	0	0	0.00%
S197	DO	mg/L	8	27AUG2005 - 21SEP2005	4	4.625	1.440	2.840	3.470	4.835	5.780	5.990	0	2	50.00%
S197	FLDCOND.	UMHOS/CM	9	27AUG2005 - 29SEP2005	4	769.250	828.897	197.000	293.000	440.500	#####	1999.000	0	1	25.00%
S197	PH	UNITS	10	27AUG2005 - 29SEP2005	5	7.424	0.379	7.070	7.130	7.280	7.700	7.940	0	0	0.00%
S197	TURBIDITY	NTU	12	27AUG2005 - 29SEP2005	5	4.700	7.127	1.100	1.200	2.600	17.400	17.400	0	0	0.00%
S197	TSS	mg/L	16	27AUG2005 - 29SEP2005	5	5.400	5.367	<3	<3	<3	<3	15.000	4	0	0.00%
S197	COLOR	UNITS	13	06SEP2005 - 29SEP2005	4	13.000	0.816	12.000	12.500	13.000	13.500	14.000	0	0	0.00%
S197	HARDNESS	mg/L CaCO3	35	27AUG2005 - 29SEP2005	3	229.333	100.749	155.000	155.000	189.000	344.000	344.000	0	0	0.00%
S197	TEMP	CENT	7	27AUG2005 - 29SEP2005	5	26.440	0.802	25.700	26.100	26.200	26.400	27.800	0	0	0.00%
S197	ALKALINITY	mg/L	67	27AUG2005 - 29SEP2005	3	165.000	20.664	142.000	142.000	171.000	182.000	182.000	0	0	0.00%
S197	TN	mg N/L	80	27AUG2005 - 29SEP2005	5	0.806	0.243	0.560	0.735	0.738	0.784	1.214	0	0	0.00%
S197	NOX	mg N/L	18;180	27AUG2005 - 21SEP2005	4	0.305	0.254	0.155	0.160	0.191	0.451	0.684	0	0	0.00%
S197	NO2	mg N/L	19	27AUG2005 - 29SEP2005	5	0.012	0.006	0.006	0.009	0.010	0.014	0.022	0	0	0.00%
S197	NO3	mg N/L	78	27AUG2005 - 21SEP2005	4	0.292	0.248	0.146	0.150	0.179	0.433	0.662	0	0	0.00%
S197	NH4	mg N/L	20	27AUG2005 - 21SEP2005	4	0.062	0.014	0.049	0.050	0.062	0.074	0.074	0	0	0.00%
S197	UNIONIZED AMMONIA	mg/L	NONE	27AUG2005 - 29SEP2005	4	0.002	0.002	0.000	0.001	0.002	0.004	0.005	0	0	0.00%
S197	NNH4	mg N/L	92	27AUG2005 - 21SEP2005	4	0.367	0.245	0.228	0.233	0.253	0.501	0.734	0	0	0.00%
S197	ORGN	mg N/L	79	27AUG2005 - 21SEP2005	4	0.501	0.034	0.471	0.476	0.494	0.527	0.546	0	0	0.00%
S197	TKN	mg N/L	21	27AUG2005 - 29SEP2005	5	0.562	0.040	0.520	0.530	0.560	0.580	0.620	0	0	0.00%
S197	OPO4	mg P/L	23	27AUG2005 - 29SEP2005	5	0.017	0.030	<0.004	<0.004	<0.004	<0.004	0.070	4	0	0.00%
S197	TP	mg P/L	25	27AUG2005 - 29SEP2005	5	0.028	0.049	0.005	0.006	0.006	0.007	0.116	0	0	0.00%
S197	DIS. CA	mg/L	30	27AUG2005 - 29SEP2005	3	66.733	11.851	54.800	54.800	66.900	78.500	78.500	0	0	0.00%
S197	DIS. K	mg/L	29	27AUG2005 - 29SEP2005	3	7.800	4.949	4.600	4.600	5.300	13.500	13.500	0	0	0.00%
S197	DIS. MG	mg/L	31	27AUG2005 - 29SEP2005	3	15.333	17.990	4.500	4.500	5.400	36.100	36.100	0	0	0.00%
S197	DIS. NA	mg/L	28	27AUG2005 - 29SEP2005	3	105.900	147.369	16.700	16.700	25.000	276.000	276.000	0	0	0.00%
S197	TOT. CL	mg/L	32	27AUG2005 - 29SEP2005	5	206.160	236.154	26.600	34.300	41.900	438.000	490.000	0	0	0.00%
S197	TOT. SO4	mg/L	33	27AUG2005 - 21SEP2005	2	39.700	41.861	10.100	10.100	39.700	69.300	69.300	0	0	0.00%
S197	DIS. SILICA	mg/L	27	27AUG2005 - 21SEP2005	2	4.585	0.573	4.180	4.180	4.585	4.990	4.990	0	0	0.00%
S334	DO	mg/L	8	02MAY2005 - 25APR2006	20	4.824	1.806	1.260	3.170	5.135	6.470	7.310	0	10	50.00%
S334	FLDCOND.	UMHOS/CM	9	02MAY2005 - 25APR2006	20	537.260	83.684	382.000	520.700	539.050	561.500	719.000	0	0	0.00%
S334	PH	UNITS	10	02MAY2005 - 25APR2006	22	7.442	0.229	6.980	7.270	7.515	7.580	7.860	0	0	0.00%
S334	TURBIDITY	NTU	12	02MAY2005 - 25APR2006	21	1.762	0.801	0.800	1.200	1.600	2.100	3.900	0	0	0.00%
S334	TSS	mg/L	16	02MAY2005 - 14MAR2006	15	3.067	0.258	<3	<3	<3	<3	4.000	14	0	0.00%
S334	COLOR	UNITS	13	02MAY2005 - 14MAR2006	15	49.267	9.161	26.000	46.000	51.000	58.000	60.000	0	0	0.00%
S334	HARDNESS	mg/L CaCO3	35	25JUL2005 - 23JAN2006	3	225.667	29.905	199.000	199.000	220.000	258.000	258.000	0	0	0.00%
S334	TEMP	CENT	7	02MAY2005 - 25APR2006	22	25.964	3.791	19.600	22.600	26.450	28.200	33.900	0	0	0.00%
S334	ALKALINITY	mg/L	67	25JUL2005 - 23JAN2006	3	208.000	32.000	176.000	176.000	208.000	240.000	240.000	0	0	0.00%
S334	TN	mg N/L	80	02MAY2005 - 25APR2006	21	1.176	0.219	<0.5	1.143	1.204	1.281	1.520	1	0	0.00%
S334	NOX	mg N/L	18;180	02MAY2005 - 25APR2006	11	0.046	0.024	0.021	0.038	0.044	0.048	0.113	0	0	0.00%
S334	NO2	mg N/L	19	02MAY2005 - 14MAR2006	15	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.012	10	0	0.00%
S334	NO3	mg N/L	78	02MAY2005 - 12DEC2005	7	0.047	0.026	0.017	0.038	0.042	0.048	0.101	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
US41-25	CAROTENOID	mg/m3	63	02MAY2005 - 13APR2006	18	2.556	3.666	<1	<1	1.000	2.000	15.000	7	0	0.00%
US41-25	CHLA	mg/m3	61	02MAY2005 - 13APR2006	18	5.944	9.558	1.000	1.000	2.500	4.000	38.000	0	0	0.00%
US41-25	CHLA2	mg/m3	112	02MAY2005 - 13APR2006	18	4.667	7.499	<1	1.000	2.000	4.000	30.000	2	0	0.00%
US41-25	CHLB	mg/m3	62	02MAY2005 - 13APR2006	18	1.444	1.886	<1	<1	<1	<1	9.000	17	0	0.00%
US41-25	CHLC	mg/m3	113	02MAY2005 - 13APR2006	18	1.611	2.118	<1	<1	<1	1.000	10.000	13	0	0.00%
US41-25	PHEOPHYTIN A	mg/m3	64	02MAY2005 - 13APR2006	18	2.500	3.092	<1	<1	0.000	2.000	13.000	9	0	0.00%
S344	DO	mg/L	8	27JUL2005 - 08MAR2006	4	3.465	1.547	1.940	2.185	3.335	4.745	5.250	0	3	75.00%
S344	FLDCOND.	UMHOS/CM	9	27JUL2005 - 08MAR2006	4	238.500	39.711	194.000	209.000	236.000	268.000	288.000	0	0	0.00%
S344	PH	UNITS	10	27JUL2005 - 08MAR2006	4	7.243	0.202	7.010	7.075	7.260	7.410	7.440	0	0	0.00%
S344	TURBIDITY	NTU	12	27JUL2005 - 08MAR2006	4	1.625	1.592	0.600	0.750	0.950	2.500	4.000	0	0	0.00%
S344	TSS	mg/L	16	27JUL2005 - 06SEP2005	2	3.000	0.000	<3	<3	<3	<3	<3	2	0	0.00%
S344	COLOR	UNITS	13	27JUL2005 - 06SEP2005	2	48.500	10.607	41.000	41.000	48.500	56.000	56.000	0	0	0.00%
S344	HARDNESS	mg/L CaCO3	35	27JUL2005 - 06SEP2005	2	97.400	9.334	90.800	90.800	97.400	104.000	104.000	0	0	0.00%
S344	TEMP	CENT	7	27JUL2005 - 08MAR2006	4	25.5	5.57076	19.9	20.85	25.2	30.15	31.7	0	0	0.00%
S344	ALKALINITY	mg/L	67	27JUL2005 - 06SEP2005	2	90.000	7.071	85.000	85.000	90.000	95.000	95.000	0	0	0.00%
S344	TN	mg N/L	80	27JUL2005 - 08MAR2006	4	1.003	0.334	0.830	0.835	0.840	1.172	1.504	0	0	0.00%
S344	NOX	mg N/L	18;180	27JUL2005 - 08MAR2006	4	0.008	0.004	<0.005	<0.006	0.003	0.012	0.014	2	0	0.00%
S344	NO2	mg N/L	19	27JUL2005 - 06SEP2005	2	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	2	0	0.00%
S344	NO3	mg N/L	78	27JUL2005 - 06SEP2005	2	0.007	0.004	<0.004	<0.004	0.003	0.009	0.009	1	0	0.00%
S344	NH4	mg N/L	20	27JUL2005 - 06SEP2005	2	0.018	0.002	0.016	0.016	0.018	0.019	0.019	0	0	0.00%
S344	UNIONIZED AMMONIA	mg/L	NONE	27JUL2005 - 08MAR2006	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S344	NNH4	mg N/L	92	27JUL2005 - 06SEP2005	2	0.022	0.004	0.019	0.019	0.022	0.025	0.025	0	0	0.00%
S344	ORGN	mg N/L	79	27JUL2005 - 06SEP2005	2	0.818	0.005	0.814	0.814	0.818	0.821	0.821	0	0	0.00%
S344	TKN	mg N/L	21	27JUL2005 - 08MAR2006	4	0.998	0.328	0.830	0.830	0.835	1.165	1.490	0	0	0.00%
S344	OPO4	mg P/L	23	27JUL2005 - 06SEP2005	2	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	2	0	0.00%
S344	TP	mg P/L	25	27JUL2005 - 08MAR2006	4	0.026	0.030	0.009	0.011	0.012	0.041	0.070	0	0	0.00%
S344	DIS. CA	mg/L	30	27JUL2005 - 06SEP2005	2	35.650	2.899	33.600	33.600	35.650	37.700	37.700	0	0	0.00%
S344	DIS. K	mg/L	29	27JUL2005 - 06SEP2005	2	0.650	0.071	0.600	0.600	0.650	0.700	0.700	0	0	0.00%
S344	DIS. MG	mg/L	31	27JUL2005 - 06SEP2005	2	2.000	0.424	1.700	1.700	2.000	2.300	2.300	0	0	0.00%
S344	DIS. NA	mg/L	28	27JUL2005 - 08MAR2006	4	7.900	2.459	5.300	6.250	7.550	9.550	11.200	0	0	0.00%
S344	TOT. CL	mg/L	32	27JUL2005 - 06SEP2005	2	8.850	1.768	7.600	7.600	8.850	10.100	10.100	0	0	0.00%
S344	TOT. SO4	mg/L	33	27JUL2005 - 08MAR2006	4	0.125	0.050	<0.1	<0.1	0.000	0.150	0.200	2	0	0.00%
S344	DIS. SILICA	mg/L	27	27JUL2005 - 06SEP2005	2	6.095	0.403	5.810	5.810	6.095	6.380	6.380	0	0	0.00%
S344	TOT. FE	mg/L	177	27JUL2005 - 06SEP2005	2	0.216	0.085	0.156	0.156	0.216	0.276	0.276	0	0	0.00%
S174	DO	mg/L	8	03MAY2005 - 26APR2006	12	3.382	1.342	0.060	2.785	3.600	4.310	4.880	0	12	100.00%
S174	FLDCOND.	UMHOS/CM	9	03MAY2005 - 26APR2006	12	594.117	77.717	491.700	520.850	605.500	658.500	705.000	0	0	0.00%
S174	PH	UNITS	10	03MAY2005 - 26APR2006	12	7.418	0.151	7.130	7.370	7.420	7.495	7.710	0	0	0.00%
S174	TEMP	CENT	7	03MAY2005 - 26APR2006	12	26.429	2.246	22.600	24.920	26.750	27.905	30.000	0	0	0.00%
S174	TP	mg P/L	25	03MAY2005 - 08MAR2006	10	0.011	0.002	0.005	0.010	0.011	0.012	0.013	0	0	0.00%
S174Auto	TP	mg P/L	25	03MAY2005 - 08MAR2006	9	0.012	0.004	0.007	0.009	0.014	0.015	0.016	0	0	0.00%
S176	DO	mg/L	8	03MAY2005 - 26APR2006	22	3.058	1.462	1.180	1.590	3.080	4.210	6.530	0	20	90.91%
S176	FLDCOND.	UMHOS/CM	9	03MAY2005 - 26APR2006	23	564.952	54.924	486.600	518.000	552.000	607.000	701.000	0	0	0.00%
S176	PH	UNITS	10	03MAY2005 - 26APR2006	23	7.347	0.202	6.900	7.210	7.380	7.500	7.680	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S176	TURBIDITY	NTU	12	03MAY2005 - 19APR2006	14	1.343	0.407	0.800	1.000	1.300	1.600	2.000	0	0	0.00%
S176	TSS	mg/L	16	03MAY2005 - 19APR2006	14	3.000	0.000	<3	<3	<3	<3	<3	14	0	0.00%
S176	COLOR	UNITS	13	03MAY2005 - 19APR2006	13	29.769	9.293	20.000	24.000	27.000	30.000	50.000	0	0	0.00%
S176	HARDNESS	mg/L CaCO3	35	03MAY2005 - 19APR2006	14	216.929	14.605	193.000	207.000	218.000	224.000	239.000	0	0	0.00%
S176	TEMP	CENT	7	03MAY2005 - 26APR2006	23	25.103	2.067	20.400	23.200	25.300	26.800	28.500	0	0	0.00%
S176	ALKALINITY	mg/L	67	03MAY2005 - 19APR2006	11	206.636	13.381	191.000	194.000	202.000	220.000	228.000	0	0	0.00%
S176	TN	mg N/L	80	03MAY2005 - 26APR2006	21	0.954	0.255	<0.5	0.786	0.870	1.154	1.552	1	0	0.00%
S176	NOX	mg N/L	18,180	03MAY2005 - 12APR2006	13	0.055	0.024	0.022	0.035	0.060	0.072	0.102	0	0	0.00%
S176	NO2	mg N/L	19	03MAY2005 - 19APR2006	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	11	0	0.00%
S176	NO3	mg N/L	78	03MAY2005 - 22MAR2006	8	0.046	0.026	0.022	0.026	0.039	0.059	0.097	0	0	0.00%
S176	NH4	mg N/L	20	03MAY2005 - 26APR2006	19	0.180	0.070	0.045	0.164	0.177	0.235	0.332	0	0	0.00%
S176	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 26APR2006	19	0.003	0.002	0.001	0.001	0.002	0.005	0.006	0	0	0.00%
S176	NNH4	mg N/L	92	03MAY2005 - 12APR2006	12	0.225	0.082	0.107	0.164	0.215	0.289	0.360	0	0	0.00%
S176	ORGN	mg N/L	79	03MAY2005 - 26APR2006	18	0.794	0.244	0.512	0.624	0.703	1.002	1.414	0	0	0.00%
S176	TKN	mg N/L	21	03MAY2005 - 26APR2006	20	0.942	0.228	0.680	0.735	0.870	1.120	1.480	0	0	0.00%
S176	OPO4	mg P/L	23	03MAY2005 - 19APR2006	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	13	0	0.00%
S176	ALKALINE PHOS	nM/minml	168	03MAY2005 - 19APR2006	11	9.455	5.317	2.000	7.000	9.000	11.000	23.000	0	0	0.00%
S176	TP	mg P/L	25	03MAY2005 - 26APR2006	21	0.008	0.003	0.005	0.006	0.007	0.007	0.020	0	0	0.00%
S176	DIS. CA	mg/L	30	03MAY2005 - 19APR2006	14	72.850	4.007	66.800	70.800	72.050	76.100	80.400	0	0	0.00%
S176	DIS. K	mg/L	29	03MAY2005 - 19APR2006	12	2.767	0.617	2.200	2.400	2.450	2.900	4.100	0	0	0.00%
S176	DIS. MG	mg/L	31	03MAY2005 - 19APR2006	14	8.529	2.203	6.400	7.100	7.350	9.300	13.500	0	0	0.00%
S176	DIS. NA	mg/L	28	03MAY2005 - 19APR2006	12	33.400	8.073	25.400	28.200	30.000	38.800	52.300	0	0	0.00%
S176	TOT. CL	mg/L	32	03MAY2005 - 19APR2006	13	50.877	13.701	37.400	41.600	44.900	56.500	84.600	0	0	0.00%
S176	TOT. FE	mg/L	177	26JUL2005 - 19APR2006	5	0.295	0.12011	0.157	0.204	0.322	0.328	0.464	0	0	0.00%
S176	TOT. CD	ug/L	103	11JUL2005 - 04JAN2006	2	0.400	0.141	<0.3	<0.3	0.100	0.500	0.500	1	0	0.00%
S176	TOT. CU	ug/L	104	11JUL2005 - 04JAN2006	2	1.500	0.424	<1.2	<1.2	0.300	1.800	1.800	1	0	0.00%
S176	TOT. ZN	ug/L	105	11JUL2005 - 04JAN2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S176	CAROTENOID	mg/m3	63	03MAY2005 - 19APR2006	14	1.286	0.726	<1	<1	0.000	1.000	3.000	7	0	0.00%
S176	CHLA	mg/m3	61	03MAY2005 - 19APR2006	14	2.143	1.748	<1	<1	1.500	2.000	6.000	4	0	0.00%
S176	CHLA2	mg/m3	112	03MAY2005 - 19APR2006	14	2.000	1.468	<1	1.000	1.000	3.000	5.000	3	0	0.00%
S176	CHLB	mg/m3	62	03MAY2005 - 19APR2006	14	1	0	<1	<1	<1	<1	<1	14	0	0.00%
S176	CHLC	mg/m3	113	03MAY2005 - 19APR2006	14	1.000	0.000	<1	<1	<1	<1	1.000	13	0	0.00%
S176	PHEOPHYTIN A	mg/m3	64	03MAY2005 - 19APR2006	14	1.071	0.267	<1	<1	<1	<1	2.000	12	0	0.00%
S176Auto	TN	mg N/L	80	01FEB2006 - 26APR2006	86	1.058	0.194	<0.5	0.893	1.077	1.220	1.356	1	0	0.00%
S176Auto	NOX	mg N/L	18,180	01FEB2006 - 26APR2006	78	0.053	0.017	0.020	0.040	0.052	0.062	0.101	0	0	0.00%
S176Auto	NH4	mg N/L	20	08FEB2006 - 08FEB2006	7	0.292	0.040	0.227	0.252	0.296	0.328	0.337	0	0	0.00%
S176Auto	NNH4	mg N/L	92	08FEB2006 - 08FEB2006	7	0.336	0.043	0.270	0.289	0.338	0.375	0.380	0	0	0.00%
S176Auto	ORGN	mg N/L	79	08FEB2006 - 08FEB2006	7	0.680	0.042	0.623	0.644	0.693	0.724	0.732	0	0	0.00%
S176Auto	TKN	mg N/L	21	01FEB2006 - 26APR2006	85	1.017	0.174	0.700	0.850	1.030	1.180	1.310	0	0	0.00%
S176Auto	TP	mg P/L	25	01FEB2006 - 26APR2006	86	0.008	0.002	0.006	0.007	0.008	0.010	0.016	0	0	0.00%
S177	DO	mg/L	8	03MAY2005 - 24APR2006	32	3.759	2.320	0.260	1.595	3.320	6.050	7.880	0	21	65.63%
S177	FLDCOND.	UMHOS/CM	9	03MAY2005 - 24APR2006	30	529.857	67.780	301.000	498.100	519.500	575.000	685.000	0	0	0.00%
S177	PH	UNITS	10	03MAY2005 - 24APR2006	32	7.383	0.341	6.710	7.125	7.410	7.675	7.970	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S177	TURBIDITY	NTU	12	03MAY2005 - 03APR2006	22	1.855	0.835	0.800	1.200	1.550	2.200	4.100	0	0	0.00%
S177	TSS	mg/L	16	03MAY2005 - 03APR2006	22	3.000	0.000	<3	<3	<3	<3	<3	22	0	0.00%
S177	COLOR	UNITS	13	03MAY2005 - 03APR2006	22	17.364	7.774	12.000	13.000	14.000	18.000	39.000	0	0	0.00%
S177	HARDNESS	mg/L CaCO3	35	03MAY2005 - 03APR2006	24	206.750	8.979	193.000	201.000	206.000	212.500	230.000	0	0	0.00%
S177	TEMP	CENT	7	03MAY2005 - 24APR2006	32	24.894	1.663	19.900	23.700	25.600	26.200	26.800	0	0	0.00%
S177	ALKALINITY	mg/L	67	03MAY2005 - 03APR2006	21	196.333	6.792	187.000	192.000	196.000	197.000	214.000	0	0	0.00%
S177	TN	mg N/L	80	03MAY2005 - 24APR2006	32	0.739	0.235	0.524	0.564	0.640	0.761	1.259	0	0	0.00%
S177	NOX	mg N/L	18;180	03MAY2005 - 17APR2006	22	0.078	0.070	0.011	0.028	0.057	0.090	0.258	0	0	0.00%
S177	NO2	mg N/L	19	03MAY2005 - 03APR2006	22	0.008	0.007	<0.004	<0.004	0.000	0.011	0.023	11	0	0.00%
S177	NO3	mg N/L	78	03MAY2005 - 03APR2006	16	0.085	0.068	0.014	0.033	0.062	0.145	0.237	0	0	0.00%
S177	NH4	mg N/L	20	03MAY2005 - 24APR2006	25	0.081	0.047	0.015	0.060	0.071	0.087	0.197	0	0	0.00%
S177	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 24APR2006	25	0.001	0.002	0.000	0.000	0.001	0.001	0.006	0	0	0.00%
S177	NNH4	mg N/L	92	03MAY2005 - 10APR2006	17	0.174	0.081	0.080	0.111	0.152	0.254	0.323	0	0	0.00%
S177	ORGN	mg N/L	79	03MAY2005 - 24APR2006	25	0.599	0.210	0.414	0.470	0.519	0.616	1.061	0	0	0.00%
S177	TKN	mg N/L	21	03MAY2005 - 24APR2006	32	0.685	0.230	0.490	0.550	0.565	0.740	1.190	0	0	0.00%
S177	OPO4	mg P/L	23	03MAY2005 - 03APR2006	22	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	22	0	0.00%
S177	ALKALINE PHOS	nM/minml	168	31MAY2005 - 24JAN2006	4	6.000	5.354	1.000	1.500	5.500	10.500	12.000	0	0	0.00%
S177	TP	mg P/L	25	03MAY2005 - 24APR2006	32	0.006	0.002	0.004	0.005	0.006	0.007	0.013	0	0	0.00%
S177	DIS. CA	mg/L	30	03MAY2005 - 03APR2006	24	71.992	2.368	68.100	69.850	72.200	74.350	76.100	0	0	0.00%
S177	DIS. K	mg/L	29	03MAY2005 - 03APR2006	22	3.305	0.701	2.500	2.800	3.100	3.700	4.800	0	0	0.00%
S177	DIS. MG	mg/L	31	03MAY2005 - 03APR2006	24	6.575	1.539	5.500	5.700	6.100	6.550	11.400	0	0	0.00%
S177	DIS. NA	mg/L	28	03MAY2005 - 03APR2006	22	28.377	5.502	23.500	25.200	26.500	28.300	43.300	0	0	0.00%
S177	TOT. CL	mg/L	32	03MAY2005 - 03APR2006	22	45.018	8.666	37.800	39.300	42.200	45.800	68.500	0	0	0.00%
S177	TOT. FE	mg/L	177	12JUL2005 - 03APR2006	4	0.215	0.071	0.111	0.171	0.242	0.260	0.267	0	0	0.00%
S177	TOT. CD	ug/L	103	11JUL2005 - 04JAN2006	2	0.35	0.07071	<0.3	<0.3	0.05	0.4	0.4	1	0	0.00%
S177	TOT. CU	ug/L	104	11JUL2005 - 04JAN2006	2	1.400	0.283	<1.2	<1.2	0.200	1.600	1.600	1	0	0.00%
S177	TOT. ZN	ug/L	105	11JUL2005 - 04JAN2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S177	CAROTENOID	mg/m3	63	03MAY2005 - 03APR2006	21	1.238	0.436	<1	<1	<1	1.000	2.000	15	0	0.00%
S177	CHLA	mg/m3	61	03MAY2005 - 03APR2006	21	1.476	0.873	<1	<1	1.000	2.000	4.000	10	0	0.00%
S177	CHLA2	mg/m3	112	03MAY2005 - 03APR2006	21	1.429	0.811	<1	<1	<1	2.000	4.000	11	0	0.00%
S177	CHLB	mg/m3	62	03MAY2005 - 03APR2006	21	1.000	0.000	<1	<1	<1	<1	1.000	20	0	0.00%
S177	CHLC	mg/m3	113	03MAY2005 - 03APR2006	21	1.048	0.218	<1	<1	<1	<1	2.000	17	0	0.00%
S177	PHOEOPHYTIN A	mg/m3	64	03MAY2005 - 03APR2006	21	1.000	0.000	<1	<1	<1	<1	1.000	19	0	0.00%
S177Auto	TN	mg N/L	80	30JAN2006 - 24APR2006	89	0.806	0.295	<0.5	0.580	0.647	1.089	1.468	4	0	0.00%
S177Auto	NOX	mg N/L	18;180	06FEB2006 - 24APR2006	81	0.036	0.028	<0.006	0.014	0.023	0.059	0.104	3	0	0.00%
S177Auto	NH4	mg N/L	20	06FEB2006 - 06FEB2006	7	0.037	0.008	0.028	0.029	0.037	0.043	0.048	0	0	0.00%
S177Auto	NNH4	mg N/L	92	06FEB2006 - 06FEB2006	7	0.052	0.008	0.039	0.045	0.052	0.060	0.062	0	0	0.00%
S177Auto	ORGN	mg N/L	79	06FEB2006 - 06FEB2006	7	0.527	0.013	0.501	0.522	0.528	0.538	0.542	0	0	0.00%
S177Auto	TKN	mg N/L	21	30JAN2006 - 24APR2006	85	0.787	0.269	0.530	0.570	0.640	1.020	1.380	0	0	0.00%
S177Auto	TP	mg P/L	25	30JAN2006 - 24APR2006	89	0.007	0.002	0.004	0.005	0.007	0.009	0.014	0	0	0.00%
S178	DO	mg/L	8	03MAY2005 - 03APR2006	15	4.215	2.323	0.820	2.830	3.990	5.690	9.970	0	11	73.33%
S178	FLDCOND.	UMHOS/CM	9	03MAY2005 - 03APR2006	13	474.054	60.161	336.400	452.000	476.000	510.000	562.200	0	0	0.00%
S178	PH	UNITS	10	03MAY2005 - 03APR2006	15	7.342	0.423	6.650	6.980	7.300	7.470	8.190	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S178	TURBIDITY	NTU	12	03MAY2005 - 03APR2006	13	4.946	4.610	0.700	1.100	3.300	8.600	12.600	0	0	0.00%
S178	TSS	mg/L	16	03MAY2005 - 03APR2006	13	5.615	3.927	<3	<3	<3	9.000	14.000	7	0	0.00%
S178	COLOR	UNITS	13	03MAY2005 - 03APR2006	13	15.615	4.538	6.000	14.000	16.000	17.000	26.000	0	0	0.00%
S178	HARDNESS	mg/L CaCO3	35	03MAY2005 - 03APR2006	15	166.980	40.480	88.700	138.000	167.000	197.000	239.000	0	0	0.00%
S178	TEMP	CENT	7	03MAY2005 - 03APR2006	15	24.995	3.595	18.030	22.400	25.800	28.900	29.600	0	0	0.00%
S178	ALKALINITY	mg/L	67	03MAY2005 - 03APR2006	13	143.308	39.525	51.000	125.000	149.000	170.000	194.000	0	0	0.00%
S178	TN	mg N/L	80	03MAY2005 - 03APR2006	13	0.851	0.303	0.410	0.742	0.870	0.956	1.557	0	0	0.00%
S178	NOX	mg N/L	18:180	03MAY2005 - 21FEB2006	5	0.361	0.401	0.015	0.027	0.272	0.516	0.977	0	0	0.00%
S178	NO2	mg N/L	19	03MAY2005 - 03APR2006	13	0.016	0.021	<0.004	<0.004	0.004	0.018	0.068	6	0	0.00%
S178	NO3	mg N/L	78	03MAY2005 - 21FEB2006	5	0.332	0.371	0.015	0.027	0.250	0.460	0.909	0	0	0.00%
S178	NH4	mg N/L	20	03MAY2005 - 03APR2006	13	0.033	0.016	0.011	0.018	0.029	0.042	0.063	0	0	0.00%
S178	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 03APR2006	13	0.001	0.001	0.000	0.000	0.000	0.001	0.003	0	0	0.00%
S178	NNH4	mg N/L	92	03MAY2005 - 21FEB2006	5	0.388	0.395	0.044	0.066	0.290	0.544	0.995	0	0	0.00%
S178	ORGN	mg N/L	79	03MAY2005 - 03APR2006	13	0.678	0.234	0.399	0.452	0.707	0.811	1.081	0	0	0.00%
S178	TKN	mg N/L	21	03MAY2005 - 03APR2006	13	0.712	0.242	0.410	0.470	0.770	0.870	1.110	0	0	0.00%
S178	OPO4	mg P/L	23	03MAY2005 - 03APR2006	13	0.013	0.018	<0.004	<0.004	<0.004	0.007	0.059	7	0	0.00%
S178	ALKALINE PHOS	nM/minml	168	06SEP2005 - 21FEB2006	2	4.500	4.950	1.000	1.000	4.500	8.000	8.000	0	0	0.00%
S178	TP	mg P/L	25	03MAY2005 - 03APR2006	14	0.043	0.024	0.017	0.027	0.038	0.057	0.095	0	0	0.00%
S178	DIS. CA	mg/L	30	03MAY2005 - 03APR2006	15	57.633	16.053	27.200	45.800	57.500	71.300	86.200	0	0	0.00%
S178	DIS. K	mg/L	29	03MAY2005 - 03APR2006	13	15.085	3.308	11.100	12.000	15.500	17.600	20.600	0	0	0.00%
S178	DIS. MG	mg/L	31	03MAY2005 - 03APR2006	15	5.613	0.679	4.300	5.200	5.700	6.300	6.600	0	0	0.00%
S178	DIS. NA	mg/L	28	03MAY2005 - 03APR2006	13	22.046	4.602	15.900	18.100	22.800	25.400	30.300	0	0	0.00%
S178	TOT. CL	mg/L	32	03MAY2005 - 03APR2006	13	38.338	8.697	26.800	30.500	38.900	43.900	54.600	0	0	0.00%
S178	TOT. FE	mg/L	177	12JUL2005 - 03APR2006	4	0.048	0.037	0.027	0.029	0.032	0.068	0.103	0	0	0.00%
S178	TOT. CD	ug/L	103	11JUL2005 - 04JAN2006	2	0.500	0.283	<0.3	<0.3	0.200	0.700	0.700	1	0	0.00%
S178	TOT. CU	ug/L	104	11JUL2005 - 04JAN2006	2	2.150	0.354	1.900	1.900	2.150	2.400	2.400	0	0	0.00%
S178	TOT. ZN	ug/L	105	11JUL2005 - 04JAN2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S178	CAROTENOID	mg/m3	63	03MAY2005 - 03APR2006	13	2.769	1.787	<1	2.000	2.000	3.000	8.000	1	0	0.00%
S178	CHLA	mg/m3	61	03MAY2005 - 03APR2006	13	6.692	4.516	<1	4.000	5.000	8.000	18.000	1	0	0.00%
S178	CHLA2	mg/m3	112	03MAY2005 - 03APR2006	13	5.231	3.395	<1	3.000	4.000	6.000	13.000	1	0	0.00%
S178	CHLB	mg/m3	62	03MAY2005 - 03APR2006	13	1.154	0.376	<1	<1	<1	1.000	2.000	9	0	0.00%
S178	CHLC	mg/m3	113	03MAY2005 - 03APR2006	13	1.154	0.376	<1	<1	<1	1.000	2.000	9	0	0.00%
S178	PHEOPHYTIN A	mg/m3	64	03MAY2005 - 03APR2006	13	2.46154	1.85362	<1	2	2	2	8	2	0	0.00%
S331-173	DO	mg/L	8	04MAY2005 - 25APR2006	32	1.577	0.946	0.240	0.815	1.455	2.325	3.610	0	32	100.00%
S331-173	FLDCOND.	UMHOS/CM	9	04MAY2005 - 25APR2006	32	566.303	57.565	481.100	519.950	561.500	607.950	749.000	0	0	0.00%
S331-173	PH	UNITS	10	04MAY2005 - 25APR2006	33	7.195	0.188	6.710	7.070	7.170	7.300	7.550	0	0	0.00%
S331-173	TURBIDITY	NTU	12	04MAY2005 - 18APR2006	26	1.519	0.448	0.900	1.200	1.400	1.900	2.400	0	0	0.00%
S331-173	TSS	mg/L	16	04MAY2005 - 18APR2006	26	3.000	0.000	<3	<3	<3	<3	3.000	25	0	0.00%
S331-173	COLOR	UNITS	13	04MAY2005 - 18APR2006	27	35.481	8.341	18.000	30.000	35.000	39.000	56.000	0	0	0.00%
S331-173	HARDNESS	mg/L CaCO3	35	13JUL2005 - 04APR2006	7	222.000	18.376	194.000	206.000	224.000	239.000	245.000	0	0	0.00%
S331-173	TEMP	CENT	7	04MAY2005 - 25APR2006	33	24.876	2.108	20.700	23.200	25.000	26.600	28.900	0	0	0.00%
S331-173	ALKALINITY	mg/L	67	13JUL2005 - 04APR2006	6	218.167	17.093	196.000	204.000	219.500	232.000	238.000	0	0	0.00%
S331-173	TN	mg N/L	80	04MAY2005 - 25APR2006	32	1.093	0.208	<0.5	0.972	1.078	1.215	1.593	1	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S331-173	NOX	mg N/L	18,180	04MAY2005 - 25APR2006	16	0.052	0.031	0.016	0.032	0.041	0.068	0.136	0	0	0.00%
S331-173	NO2	mg N/L	19	04MAY2005 - 18APR2006	27	0.005	0.002	<0.004	<0.004	<0.004	<0.004	0.014	21	0	0.00%
S331-173	NO3	mg N/L	78	04MAY2005 - 11JAN2006	14	0.053	0.028	0.024	0.033	0.046	0.059	0.129	0	0	0.00%
S331-173	NH4	mg N/L	20	04MAY2005 - 25APR2006	32	0.268	0.100	0.035	0.233	0.262	0.329	0.441	0	0	0.00%
S331-173	UNIONIZED AMMONIA	mg/L	NONE	04MAY2005 - 25APR2006	32	0.003	0.001	0.001	0.002	0.003	0.004	0.007	0	0	0.00%
S331-173	NNH4	mg N/L	92	04MAY2005 - 25APR2006	16	0.271	0.083	0.092	0.217	0.289	0.347	0.369	0	0	0.00%
S331-173	OPO4	mg P/L	23	04MAY2005 - 18APR2006	27	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	23	0	0.00%
S331-173	ALKALINE PHOS	nM/minml	168	28MAR2006 - 28MAR2006	1	80.000		80.000	80.000	80.000	80.000	80.000	0	0	0.00%
S331-173	TP	mg P/L	25	04MAY2005 - 25APR2006	30	0.008	0.002	0.005	0.006	0.007	0.009	0.013	0	0	0.00%
S331-173	DIS. CA	mg/L	30	13JUL2005 - 04APR2006	7	74.814	5.286	65.400	71.900	75.200	80.000	80.200	0	0	0.00%
S331-173	DIS. K	mg/L	29	13JUL2005 - 04APR2006	7	2.629	0.206	2.300	2.400	2.700	2.800	2.800	0	0	0.00%
S331-173	DIS. MG	mg/L	31	13JUL2005 - 04APR2006	7	8.614	1.808	6.400	7.200	7.800	10.700	11.000	0	0	0.00%
S331-173	DIS. NA	mg/L	28	13JUL2005 - 04APR2006	7	30.6	6.12155	23	26	27.9	37.3	38.7	0	0	0.00%
S331-173	TOT. CL	mg/L	32	04MAY2005 - 18APR2006	27	49.681	12.785	34.300	40.700	45.000	59.000	87.800	0	0	0.00%
S331-173	TOT. SO4	mg/L	33	13JUL2005 - 04APR2006	7	3.357	0.996	1.800	2.500	3.500	4.200	4.500	0	0	0.00%
S331-173	DIS. SILICA	mg/L	27	13JUL2005 - 04APR2006	7	8.126	1.324	6.090	6.640	8.320	9.200	9.670	0	0	0.00%
S331-173	TOT. ULTRA TRACE HG	ug/L	207	12JUL2005 - 11APR2006	4	0.001	0.001	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
S331-173	TOT. MTHY HG	ug/L	203	12JUL2005 - 11APR2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S331-173	CAROTENOID	mg/m3	63	28MAR2006 - 28MAR2006	1	1.000		1.000	1.000	1.000	1.000	1.000	0	0	0.00%
S331-173	CHLA	mg/m3	61	28MAR2006 - 28MAR2006	1	2.000		2.000	2.000	2.000	2.000	2.000	0	0	0.00%
S331-173	CHLA2	mg/m3	112	28MAR2006 - 28MAR2006	1	2.000		2.000	2.000	2.000	2.000	2.000	0	0	0.00%
S331-173	CHLB	mg/m3	62	28MAR2006 - 28MAR2006	1	1.000		<1	<1	<1	<1	<1	1	0	0.00%
S331-173	CHLC	mg/m3	113	28MAR2006 - 28MAR2006	1	1.000		<1	<1	<1	<1	<1	1	0	0.00%
S331-173	PHEOPHYTIN A	mg/m3	64	28MAR2006 - 28MAR2006	1	1.000		<1	<1	<1	<1	<1	1	0	0.00%
S331-173Auto	TN	mg N/L	80	31JAN2006 - 25APR2006	77	1.162	0.232	<0.5	1.150	1.220	1.306	1.440	6	0	0.00%
S331-173Auto	NOX	mg N/L	18,180	14FEB2006 - 25APR2006	49	0.016	0.007	<0.006	0.010	0.016	0.021	0.035	6	0	0.00%
S331-173Auto	NH4	mg N/L	20	31JAN2006 - 07FEB2006	15	0.453	0.027	0.401	0.437	0.455	0.476	0.491	0	0	0.00%
S331-173Auto	ORGN	mg N/L	79	31JAN2006 - 07FEB2006	15	0.751	0.026	0.716	0.732	0.744	0.775	0.805	0	0	0.00%
S331-173Auto	TKN	mg N/L	21	31JAN2006 - 25APR2006	71	1.20831	0.13168	0.83	1.16	1.22	1.3	1.44	0	0	0.00%
S331-173Auto	TP	mg P/L	25	31JAN2006 - 25APR2006	65	0.009	0.003	0.005	0.007	0.008	0.010	0.021	0	0	0.00%
S332B	DO	mg/L	8	04MAY2005 - 26APR2006	47	1.413	1.014	0.190	0.610	1.150	1.810	4.180	0	47	100.00%
S332B	FLDCOND.	UMHOS/CM	9	04MAY2005 - 26APR2006	48	553.467	53.254	437.000	518.550	545.900	580.500	734.000	0	0	0.00%
S332B	PH	UNITS	10	04MAY2005 - 26APR2006	48	7.176	0.180	6.680	7.060	7.150	7.325	7.570	0	0	0.00%
S332B	TURBIDITY	NTU	12	04MAY2005 - 05APR2006	24	1.542	0.471	0.600	1.200	1.550	1.800	2.500	0	0	0.00%
S332B	TSS	mg/L	16	04MAY2005 - 05APR2006	24	3.000	0.000	<3	<3	<3	<3	<3	24	0	0.00%
S332B	HARDNESS	mg/L CaCO3	35	12JUL2005 - 11JAN2006	6	222.333	7.607	213.000	216.000	222.500	226.000	234.000	0	0	0.00%
S332B	TEMP	CENT	7	04MAY2005 - 26APR2006	48	25.395	1.924	21.700	23.750	25.500	27.000	29.400	0	0	0.00%
S332B	ALKALINITY	mg/L	67	13JUL2005 - 05APR2006	5	213.200	11.234	199.000	207.000	211.000	223.000	226.000	0	0	0.00%
S332B	TN	mg N/L	80	04MAY2005 - 19APR2006	28	0.985	0.233	<0.5	0.823	0.936	1.144	1.506	1	0	0.00%
S332B	NOX	mg N/L	18,180	04MAY2005 - 22MAR2006	19	0.046	0.026	0.015	0.027	0.033	0.062	0.105	0	0	0.00%
S332B	NO2	mg N/L	19	08FEB2006 - 22MAR2006	4	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	4	0	0.00%
S332B	NO3	mg N/L	78	08FEB2006 - 22MAR2006	2	0.021	0.00849	0.015	0.015	0.021	0.027	0.027	0	0	0.00%
S332B	NH4	mg N/L	20	04MAY2005 - 22MAR2006	24	0.202	0.095	0.019	0.138	0.207	0.242	0.379	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S332B	UNIONIZED AMMONIA	mg/L	NONE	04MAY2005 - 26APR2006	24	0.002	0.001	0.001	0.001	0.002	0.003	0.005	0	0	0.00%
S332B	NNH4	mg N/L	92	04MAY2005 - 22MAR2006	17	0.225	0.075	0.075	0.212	0.231	0.255	0.390	0	0	0.00%
S332B	ORGN	mg N/L	79	04MAY2005 - 22MAR2006	22	0.762	0.242	0.499	0.604	0.735	0.835	1.372	0	0	0.00%
S332B	TKN	mg N/L	21	04MAY2005 - 19APR2006	27	0.971	0.220	0.620	0.790	0.960	1.150	1.430	0	0	0.00%
S332B	OPO4	mg P/L	23	04MAY2005 - 22MAR2006	23	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	23	0	0.00%
S332B	TP	mg P/L	25	04MAY2005 - 19APR2006	43	0.007	0.002	0.004	0.006	0.006	0.008	0.014	0	0	0.00%
S332B	DIS. CA	mg/L	30	12JUL2005 - 11JAN2006	6	76.350	1.986	73.600	74.800	76.300	78.400	78.700	0	0	0.00%
S332B	DIS. K	mg/L	29	13JUL2005 - 11JAN2006	4	2.925	0.340	2.500	2.650	3.000	3.200	3.200	0	0	0.00%
S332B	DIS. MG	mg/L	31	12JUL2005 - 11JAN2006	6	7.767	1.037	6.400	7.300	7.550	8.400	9.400	0	0	0.00%
S332B	DIS. NA	mg/L	28	13JUL2005 - 11JAN2006	4	28.575	4.344	23.000	25.800	28.850	31.350	33.600	0	0	0.00%
S332B	TOT. CL	mg/L	32	04MAY2005 - 22MAR2006	23	48.674	13.327	35.900	40.800	44.000	50.700	87.600	0	0	0.00%
S332B	TOT. SO4	mg/L	33	13JUL2005 - 25JAN2006	5	3.720	1.417	2.200	2.700	3.600	4.300	5.800	0	0	0.00%
S332B	DIS. SILICA	mg/L	27	13JUL2005 - 25JAN2006	5	7.812	1.251	6.010	7.260	7.870	8.780	9.140	0	0	0.00%
S332B	TOT. FE	mg/L	177	13JUL2005 - 05APR2006	4	0.385	0.057	0.322	0.340	0.382	0.429	0.453	0	0	0.00%
S332B	TOT. CD	ug/L	103	12JUL2005 - 05JAN2006	2	0.700	0.566	<0.3	<0.3	0.400	1.100	1.100	1	0	0.00%
S332B	TOT. CU	ug/L	104	12JUL2005 - 05JAN2006	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S332B	TOT. ULTRA TRACE HG	ug/L	207	12JUL2005 - 11APR2006	4	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S332B	TOT. ZN	ug/L	105	12JUL2005 - 05JAN2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332B	DIS. ORGAN. C	mg/L	89;181	13JUL2005 - 11JAN2006	4	10.500	1.291	9.000	9.500	10.500	11.500	12.000	0	0	0.00%
S332B	TOT. DIS. P	mg P/L	26	04MAY2005 - 22MAR2006	19	0.003	0.001	0.002	0.002	0.003	0.004	0.007	0	0	0.00%
S332B	TOT. FIL. RES.	mg/L	97	13JUL2005 - 05APR2006	5	338.200	48.489	278.000	308.000	342.000	358.000	405.000	0	0	0.00%
S332BAuto	TN	mg N/L	80	07JUN2005 - 29MAR2006	34	0.955	0.119	0.749	0.875	0.955	1.052	1.289	0	0	0.00%
S332BAuto	NOX	mg N/L	18;180	07JUN2005 - 29MAR2006	29	0.042	0.023	0.021	0.030	0.035	0.045	0.142	0	0	0.00%
S332BAuto	TKN	mg N/L	21	07JUN2005 - 29MAR2006	34	0.919	0.128	0.620	0.830	0.930	1.010	1.230	0	0	0.00%
S332BAuto	TP	mg P/L	25	07JUN2005 - 29MAR2006	20	0.009	0.004	0.005	0.007	0.008	0.009	0.020	0	0	0.00%
S332C	DO	mg/L	8	04MAY2005 - 19APR2006	48	1.734	1.301	0.090	0.895	1.325	2.530	5.640	0	47	97.92%
S332C	FLDCOND.	UMHOS/CM	9	04MAY2005 - 19APR2006	49	555.071	58.242	431.000	515.000	540.600	592.500	742.000	0	0	0.00%
S332C	PH	UNITS	10	04MAY2005 - 19APR2006	49	7.184	0.199	6.710	7.060	7.150	7.330	7.590	0	0	0.00%
S332C	TURBIDITY	NTU	12	04MAY2005 - 05APR2006	25	1.452	0.515	0.300	1.000	1.400	1.800	2.400	0	0	0.00%
S332C	TSS	mg/L	16	04MAY2005 - 05APR2006	25	3.000	0.000	<3	<3	<3	<3	<3	25	0	0.00%
S332C	HARDNESS	mg/L CaCO3	35	12JUL2005 - 11JAN2006	6	217.333	6.470	207.000	214.000	217.500	223.000	225.000	0	0	0.00%
S332C	TEMP	CENT	7	04MAY2005 - 19APR2006	49	25.478	1.668	22.500	24.000	25.600	26.800	29.600	0	0	0.00%
S332C	ALKALINITY	mg/L	67	13JUL2005 - 05APR2006	5	210.400	12.300	198.000	203.000	204.000	221.000	226.000	0	0	0.00%
S332C	TN	mg N/L	80	04MAY2005 - 26APR2006	32	0.993	0.237	0.670	0.781	0.934	1.204	1.516	0	0	0.00%
S332C	NOX	mg N/L	18;180	04MAY2005 - 26APR2006	21	0.042	0.020	0.017	0.022	0.040	0.060	0.076	0	0	0.00%
S332C	NO2	mg N/L	19	08FEB2006 - 05APR2006	5	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	5	0	0.00%
S332C	NO3	mg N/L	78	08FEB2006 - 22MAR2006	3	0.032	0.024	0.017	0.017	0.019	0.060	0.060	0	0	0.00%
S332C	NH4	mg N/L	20	04MAY2005 - 22MAR2006	24	0.185	0.086	<0.009	0.149	0.188	0.210	0.369	1	0	0.00%
S332C	UNIONIZED AMMONIA	mg/L	NONE	04MAY2005 - 19APR2006	24	0.002	0.001	0.000	0.001	0.002	0.002	0.006	0	0	0.00%
S332C	NNH4	mg N/L	92	04MAY2005 - 22MAR2006	17	0.211	0.081	0.060	0.184	0.209	0.228	0.386	0	0	0.00%
S332C	ORGN	mg N/L	79	04MAY2005 - 22MAR2006	24	0.731	0.241	0.483	0.581	0.677	0.791	1.401	0	0	0.00%
S332C	TKN	mg N/L	21	04MAY2005 - 26APR2006	32	0.965	0.227	0.630	0.770	0.915	1.145	1.440	0	0	0.00%
S332C	OPO4	mg P/L	23	04MAY2005 - 05APR2006	25	0.00424	0.0012	<0.004	<0.004	<0.004	<0.004	0.01	24	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S332C	TP	mg P/L	25	04MAY2005 - 26APR2006	48	0.007	0.002	0.004	0.006	0.007	0.008	0.014	0	0	0.00%
S332C	DIS. CA	mg/L	30	12JUL2005 - 11JAN2006	6	74.967	1.840	72.500	73.600	75.000	75.900	77.800	0	0	0.00%
S332C	DIS. K	mg/L	29	13JUL2005 - 11JAN2006	4	2.700	0.216	2.400	2.550	2.750	2.850	2.900	0	0	0.00%
S332C	DIS. MG	mg/L	31	12JUL2005 - 11JAN2006	6	7.283	0.783	6.200	7.000	7.200	7.500	8.600	0	0	0.00%
S332C	DIS. NA	mg/L	28	13JUL2005 - 11JAN2006	4	28.800	3.490	23.800	26.450	29.900	31.150	31.600	0	0	0.00%
S332C	TOT. CL	mg/L	32	04MAY2005 - 05APR2006	25	46.456	13.967	8.300	40.200	43.700	50.100	83.400	0	0	0.00%
S332C	TOT. SO4	mg/L	33	13JUL2005 - 05APR2006	5	3.460	1.117	2.200	2.600	3.500	4.000	5.000	0	0	0.00%
S332C	DIS. SILICA	mg/L	27	13JUL2005 - 05APR2006	5	7.158	0.906	6.130	6.650	7.000	7.500	8.510	0	0	0.00%
S332C	TOT. FE	mg/L	177	13JUL2005 - 05APR2006	4	0.346	0.050	0.290	0.306	0.345	0.386	0.403	0	0	0.00%
S332C	TOT. CD	ug/L	103	12JUL2005 - 05JAN2006	2	0.800	0.707	<0.3	<0.3	0.500	1.300	1.300	1	0	0.00%
S332C	TOT. CU	ug/L	104	12JUL2005 - 05JAN2006	2	1.200	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S332C	TOT. ZN	ug/L	207	12JUL2005 - 11APR2006	4	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S332C	TOT. ZN	ug/L	105	12JUL2005 - 05JAN2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332C	DIS. ORGAN. C	mg/L	89,181	13JUL2005 - 05APR2006	5	11.200	3.347	9.000	9.000	10.000	11.000	17.000	0	0	0.00%
S332C	TOT. DIS. P	mg P/L	26	04MAY2005 - 05APR2006	20	0.003	0.002	<0.002	0.002	0.003	0.005	0.008	1	0	0.00%
S332C	TOT. FIL RES.	mg/L	97	13JUL2005 - 05APR2006	5	333.000	52.948	290.000	293.000	303.000	374.000	405.000	0	0	0.00%
S332CAuto	TN	mg N/L	80	04MAY2005 - 26APR2006	48	0.961	0.236	<0.5	0.802	0.891	1.025	1.561	1	0	0.00%
S332CAuto	NOX	mg N/L	18,180	04MAY2005 - 26APR2006	41	0.040	0.034	0.014	0.022	0.028	0.046	0.199	0	0	0.00%
S332CAuto	TKN	mg N/L	21	04MAY2005 - 26APR2006	47	0.937	0.217	0.620	0.770	0.870	1.010	1.450	0	0	0.00%
S332CAuto	TP	mg P/L	25	04MAY2005 - 26APR2006	34	0.009	0.003	0.005	0.007	0.008	0.011	0.018	0	0	0.00%
S332D	DO	mg/L	8	03MAY2005 - 26APR2006	49	2.221	1.596	0.330	0.870	1.500	3.500	6.440	0	46	93.88%
S332D	FLDCOND.	UMHOS/CM	9	03MAY2005 - 26APR2006	50	552.404	56.647	485.900	510.000	538.350	601.000	703.000	0	0	0.00%
S332D	PH	UNITS	10	03MAY2005 - 26APR2006	51	7.210	0.228	6.640	7.080	7.180	7.390	7.710	0	0	0.00%
S332D	TURBIDITY	NTU	12	03MAY2005 - 19APR2006	26	1.319	0.515	0.500	1.000	1.150	1.600	2.500	0	0	0.00%
S332D	TSS	mg/L	16	03MAY2005 - 19APR2006	26	3.000	0.000	<3	<3	<3	<3	<3	26	0	0.00%
S332D	HARDNESS	mg/L CaCO3	35	12JUL2005 - 19APR2006	7	216.857	11.082	201.000	207.000	216.000	223.000	235.000	0	0	0.00%
S332D	TEMP	CENT	7	03MAY2005 - 26APR2006	51	25.594	1.870	20.500	24.200	26.000	27.000	30.000	0	0	0.00%
S332D	ALKALINITY	mg/L	67	12JUL2005 - 19APR2006	5	208.800	13.442	190.000	202.000	209.000	221.000	222.000	0	0	0.00%
S332D	TN	mg N/L	80	03MAY2005 - 26APR2006	31	0.921	0.217	0.669	0.759	0.865	1.075	1.534	0	0	0.00%
S332D	NOX	mg N/L	18,180	03MAY2005 - 12APR2006	20	0.046	0.025	0.009	0.026	0.043	0.066	0.103	0	0	0.00%
S332D	NO2	mg N/L	19	08FEB2006 - 19APR2006	6	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	6	0	0.00%
S332D	NO3	mg N/L	78	08FEB2006 - 22MAR2006	2	0.041	0.006	0.036	0.036	0.041	0.045	0.045	0	0	0.00%
S332D	NH4	mg N/L	20	03MAY2005 - 19APR2006	24	0.16017	0.05769	0.049	0.128	0.166	0.18	0.32	0	0	0.00%
S332D	UNIONIZED AMMONIA	mg/L	NONE	03MAY2005 - 26APR2006	24	0.002	0.001	0.001	0.001	0.002	0.002	0.006	0	0	0.00%
S332D	NNH4	mg N/L	92	03MAY2005 - 22MAR2006	15	0.193	0.063	0.106	0.149	0.195	0.218	0.356	0	0	0.00%
S332D	ORGN	mg N/L	79	03MAY2005 - 19APR2006	24	0.697	0.209	0.494	0.582	0.644	0.730	1.395	0	0	0.00%
S332D	TKN	mg N/L	21	03MAY2005 - 26APR2006	31	0.891	0.204	0.610	0.740	0.830	1.010	1.460	0	0	0.00%
S332D	OPO4	mg P/L	23	03MAY2005 - 19APR2006	26	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	26	0	0.00%
S332D	TP	mg P/L	25	03MAY2005 - 26APR2006	48	0.007	0.002	0.004	0.006	0.007	0.008	0.014	0	0	0.00%
S332D	DIS. CA	mg/L	30	12JUL2005 - 19APR2006	7	74.414	2.531	70.600	71.100	75.400	76.200	77.000	0	0	0.00%
S332D	DIS. K	mg/L	29	12JUL2005 - 19APR2006	5	2.620	0.148	2.400	2.600	2.600	2.700	2.800	0	0	0.00%
S332D	DIS. MG	mg/L	31	12JUL2005 - 19APR2006	7	7.557	1.409	6.100	6.800	7.200	8.200	10.400	0	0	0.00%
S332D	DIS. NA	mg/L	28	12JUL2005 - 19APR2006	5	30.380	4.707	24.300	28.900	30.500	30.800	37.400	0	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S332D	TOT. CL	mg/L	32	03MAY2005 - 19APR2006	26	48.362	12.585	36.000	40.400	44.250	51.200	86.000	0	0	0.00%
S332D	TOT. SO4	mg/L	33	12JUL2005 - 19APR2006	7	3.229	0.945	2.300	2.300	3.000	4.200	4.600	0	0	0.00%
S332D	DIS. SILICA	mg/L	27	12JUL2005 - 19APR2006	7	7.241	0.841	6.050	6.580	7.210	8.230	8.300	0	0	0.00%
S332D	TOT. FE	mg/L	177	12JUL2005 - 05APR2006	4	0.324	0.070	0.241	0.278	0.322	0.371	0.412	0	0	0.00%
S332D	TOT. CD	ug/L	103	12JUL2005 - 05JAN2006	2	0.850	0.636	0.400	0.400	0.850	1.300	1.300	0	0	0.00%
S332D	TOT. CU	ug/L	104	12JUL2005 - 05JAN2006	2	1.800	0.849	<1.2	<1.2	0.600	2.400	2.400	1	0	0.00%
S332D	TOT. ULTRA TRACE HG	ug/L	207	12JUL2005 - 11APR2006	3	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0	0	0.00%
S332D	TOT. MTHY HG	ug/L	203	12JUL2005 - 11APR2006	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S332D	TOT. ZN	ug/L	105	12JUL2005 - 05JAN2006	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332D	DIS. ORGAN. C	mg/L	89;181	12JUL2005 - 19APR2006	7	11.857	3.288	9.000	9.000	11.000	16.000	17.000	0	0	0.00%
S332D	TOT. DIS. P	mg P/L	26	03MAY2005 - 19APR2006	21	0.003	0.001	0.002	0.002	0.003	0.004	0.006	0	0	0.00%
S332D	TOT. FIL RES.	mg/L	97	12JUL2005 - 19APR2006	7	300.143	72.331	196.000	227.000	304.000	363.000	400.000	0	0	0.00%
S332DASAuto	TN	mg N/L	80	28JUN2005 - 21MAR2006	35	0.812	0.101	0.666	0.737	0.792	0.851	1.131	0	0	0.00%
S332DASAuto	NOX	mg N/L	18;180	28JUN2005 - 21MAR2006	33	0.025	0.022	0.007	0.014	0.018	0.029	0.122	0	0	0.00%
S332DASAuto	TKN	mg N/L	21	28JUN2005 - 21MAR2006	35	0.788	0.093	0.650	0.720	0.770	0.830	1.080	0	0	0.00%
S332DASAuto	TP	mg P/L	25	31MAY2005 - 21MAR2006	36	0.010	0.007	0.006	0.007	0.008	0.010	0.045	0	0	0.00%
BERMB3	DO	mg/L	8	12JUL2005 - 29NOV2005	10	3.188	1.507	1.560	1.880	2.620	4.480	5.820	0	9	90.00%
BERMB3	FLDCOND.	UMHOS/CM	9	12JUL2005 - 29NOV2005	9	370.689	61.695	291.000	308.000	399.000	425.300	444.800	0	0	0.00%
BERMB3	PH	UNITS	10	12JUL2005 - 29NOV2005	10	7.331	0.208	7.120	7.140	7.290	7.530	7.660	0	0	0.00%
BERMB3	TURBIDITY	NTU	12	12JUL2005 - 29NOV2005	10	1.250	0.845	0.500	1.000	1.050	1.100	3.500	0	0	0.00%
BERMB3	TSS	mg/L	16	12JUL2005 - 29NOV2005	10	3.500	1.269	<3	<3	<3	<3	7.000	8	0	0.00%
BERMB3	HARDNESS	mg/L CaCO3	35	12JUL2005 - 04OCT2005	3	151.333	29.006	122.000	122.000	152.000	180.000	180.000	0	0	0.00%
BERMB3	TEMP	CENT	7	12JUL2005 - 29NOV2005	10	27.510	3.647	22.900	23.000	28.750	30.200	33.000	0	0	0.00%
BERMB3	ALKALINITY	mg/L	67	12JUL2005 - 04OCT2005	3	123.667	18.175	109.000	109.000	118.000	144.000	144.000	0	0	0.00%
BERMB3	TOTAL DEPTH	METERS	99	12JUL2005 - 12DEC2005	4	0.338	0.086	0.230	0.280	0.340	0.395	0.440	0	0	0.00%
BERMB3	TN	mg N/L	80	12JUL2005 - 29NOV2005	10	0.868	0.254	0.530	0.710	0.827	0.980	1.430	0	0	0.00%
BERMB3	NOX	mg N/L	18;180	09AUG2005 - 29NOV2005	6	0.017	0.021	<0.006	<0.006	0.002	0.014	0.059	3	0	0.00%
BERMB3	NH4	mg N/L	20	12JUL2005 - 29NOV2005	10	0.010	0.002	<0.009	<0.009	<0.009	<0.009	0.015	8	0	0.00%
BERMB3	UNIONIZED AMMONIA	mg/L	NONE	12JUL2005 - 29NOV2005	10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
BERMB3	NNH4	mg N/L	92	09AUG2005 - 29NOV2005	6	0.020	0.025	<0.009	<0.009	0.001	0.014	0.071	3	0	0.00%
BERMB3	ORGN	mg N/L	79	12JUL2005 - 29NOV2005	10	0.857	0.249	0.530	0.710	0.815	0.965	1.430	0	0	0.00%
BERMB3	TKN	mg N/L	21	12JUL2005 - 29NOV2005	10	0.860	0.250	0.530	0.710	0.815	0.980	1.430	0	0	0.00%
BERMB3	OPO4	mg P/L	23	12JUL2005 - 29NOV2005	10	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	9	0	0.00%
BERMB3	TP	mg P/L	25	12JUL2005 - 29NOV2005	10	0.027	0.018	0.011	0.014	0.019	0.032	0.066	0	0	0.00%
BERMB3	DIS. CA	mg/L	30	12JUL2005 - 04OCT2005	3	52.333	8.623	44.100	44.100	51.600	61.300	61.300	0	0	0.00%
BERMB3	DIS. K	mg/L	29	12JUL2005 - 04OCT2005	2	2.100	0.141	2.000	2.000	2.100	2.200	2.200	0	0	0.00%
BERMB3	DIS. MG	mg/L	31	12JUL2005 - 04OCT2005	3	5.033	1.914	2.900	2.900	5.600	6.600	6.600	0	0	0.00%
BERMB3	DIS. NA	mg/L	28	12JUL2005 - 04OCT2005	2	15.450	9.546	8.700	8.700	15.450	22.200	22.200	0	0	0.00%
BERMB3	TOT. CL	mg/L	32	12JUL2005 - 29NOV2005	10	32.950	10.809	12.600	25.100	33.300	43.000	47.000	0	0	0.00%
BERMB3	TOT. SO4	mg/L	33	12JUL2005 - 04OCT2005	3	0.600	0.300	0.300	0.300	0.600	0.900	0.900	0	0	0.00%
BERMB3	DIS. SILICA	mg/L	27	12JUL2005 - 04OCT2005	2	4.435	0.856	3.830	3.830	4.435	5.040	5.040	0	0	0.00%
BERMB3	TOT. FE	mg/L	177	12JUL2005 - 04OCT2005	2	0.023	0.008	0.017	0.017	0.023	0.029	0.029	0	0	0.00%
BERMB3	TOT. CD	ug/L	103	12JUL2005 - 12JUL2005	1	0.300		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%

Table 3. Continued.

STATION	TEST NAME	UNITS	TEST NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
BERMB3	TOT. CU	ug/L	104	12JUL2005 - 12JUL2005	1	1.2		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
BERMB3	TOT. ULTRA TRACE HG	ug/L	207	12JUL2005 - 11OCT2005	2	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0	0	0.00%
BERMB3	TOT. ZN	ug/L	105	12JUL2005 - 12JUL2005	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
BERMB3	DIS. ORGAN. C	mg/L	89;181	12JUL2005 - 04OCT2005	3	9.333	1.528	8.000	8.000	9.000	11.000	11.000	0	0	0.00%
BERMB3	TOT. DIS. P	mg P/L	26	12JUL2005 - 29NOV2005	10	0.008	0.003	0.004	0.005	0.007	0.009	0.015	0	0	0.00%
BERMB3	TOT. FIL RES.	mg/L	97	12JUL2005 - 04OCT2005	3	194.333	66.726	134.000	134.000	183.000	266.000	266.000	0	0	0.00%