

Appendix 3A-4b: Summary Statistics of Non-ECP Water Quality Monitoring Data for Water Year 2007

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APPENDIX NOTES:

Summary statistics are tabulated in **Table 3** for all parameters collected during Water Year 2007 (WY2007) (May 1, 2006 through April 30, 2007) 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**.

STRUCTURE CATEGORY	Non-ECP PERMIT STRUCTURE	WATER QUALITY SAMPLING SITE	Comments
INTO	ACME1DS	ACME1DS	
	ACME1 + (upstream of ACME1DS)	VOW1	Autosampler installed upstream of pump station during WY2001
	G-94D	G94D	
	ACME2 + (upstream of G94D)	VOW2	Autosampler installed upstream of pump station during WY2001
	G-123	G123	Autosampler installed upstream of pump station during WY2001
	S-9	S9	Autosampler installed upstream of pump station during WY2000
	S-9A	S9A	Water quality data available in WY2003
	S-14	S14	
	S-174	S174	The site is a new non-ECP structure
	S-332D	S-332D	The site is a new non-ECP structure
	S-18C	S18C	Autosampler installed upstream of pump station during WY2003
	S-140	S140	Autosampler installed upstream of pump station during WY2001
	S-190	S190	Autosampler installed upstream of pump station during WY2001
	NSID1	NSIDSP01	Autosampler installed upstream of pump station during WY2002
WITHIN		S38B	
	G-64	G64	
	G-69	G69	
	S-346, S-347	S12D	
	S-141	S34	
	S-142	S142	
	S-143	S11A	
	S-144	S144	
	S-145	S145	
	S-146	S146	
	S-151	S151	
	S-333	S333	
	S-339, S-340	C123SR84	
	S-175	S175	
FROM	S-332	S332	
	Burm-B3	BurmB3	The site is a new non-ECP structure
	G-94A, G-94B, G-94C	G94B	
	S-31, S-337	S31	
	S-34	S34	
	S-38	S38	
	S-39	S39	
	S-197	S197	
	S-334	S334	
	S-343A, S-343B	US41-25	
C111 BASIN	S-344	S344	
	S-176 +	S176	The site is not a non-ECP structure; data are presented for information only
	S-177 +	S177	
	S-178 +	S178	
	S-331 +, S-173 +	S331-173	
	S-332B+	S-332B	The site is not a non-ECP structure; data are presented for information only
	S-332C+	S-332C	The site is not a non-ECP structure; data are presented for information only, the flow data were processed from 3/27/07.

Notes:

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

Table 3. Summary statistics of non-ECP water quality monitoring data (physical parameters, nutrients, major ions, and trace metals) collected during Water Year 2007.

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	08MAY2006 - 10APR2007	14	5.806	1.954	2.300	4.300	6.575	7.320	8.400	0	5	35.71%
ACME1DS	FLDCOND.	UMHOS/CM	9	08MAY2006 - 10APR2007	15	688.727	191.730	361.000	572.000	700.000	799.000	1121.000	0	0	0.00%
ACME1DS	PH	UNITS	10	08MAY2006 - 10APR2007	15	7.423	0.249	7.000	7.210	7.400	7.600	7.910	0	0	0.00%
ACME1DS	TURBIDITY	NTU	12	08MAY2006 - 10APR2007	15	4.667	2.586	2.100	2.700	4.200	5.700	12.400	0	0	0.00%
ACME1DS	TSS	mg/L	16	08MAY2006 - 10APR2007	15	5.600	1.844	<3	4.000	6.000	7.000	9.000	1	0	0.00%
ACME1DS	COLOR	UNITS	13	08MAY2006 - 10APR2007	15	86.267	12.162	68.000	77.000	88.000	94.000	108.000	0	0	0.00%
ACME1DS	HARDNESS	mg/L CaCO3	35	05JUN2006 - 12MAR2007	7	166.086	48.266	100.300	108.000	189.000	210.500	211.000	0	0	0.00%
ACME1DS	TEMP	CENT	7	08MAY2006 - 10APR2007	15	27.233	3.671	20.400	23.900	28.600	30.400	31.700	0	0	0.00%
ACME1DS	ALKALINITY	mg/L	67	08MAY2006 - 10APR2007	15	188.800	41.404	105.000	180.000	191.000	209.000	261.000	0	0	0.00%
ACME1DS	TN	mg N/L	80	08MAY2006 - 10APR2007	15	1.800	0.373	1.040	1.548	1.812	2.056	2.552	0	0	0.00%
ACME1DS	NOX	mg N/L	18,180	08MAY2006 - 10APR2007	14	0.066	0.068	<0.004	0.019	0.044	0.080	0.202	1	0	0.00%
ACME1DS	NO2	mg N/L	19	08MAY2006 - 10APR2007	15	0.014	0.013	<0.004	0.004	0.008	0.026	0.045	2	0	0.00%
ACME1DS	NO3	mg N/L	78	08MAY2006 - 10APR2007	14	0.053	0.055	<0.004	0.014	0.033	0.068	0.165	2	0	0.00%
ACME1DS	NH4	mg N/L	20	08MAY2006 - 10APR2007	15	0.122	0.141	<0.009	0.010	0.081	0.247	0.389	1	0	0.00%
ACME1DS	UN-IONIZED AMMONIA	mg/L	NONE	08MAY2006 - 10APR2007	15	0.002	0.003	0.000	0.000	0.002	0.004	0.010	0	0	0.00%
ACME1DS	NNH4	mg N/L	92	08MAY2006 - 10APR2007	14	0.195	0.206	0.010	0.031	0.117	0.293	0.588	0	0	0.00%
ACME1DS	ORGN	mg N/L	79	08MAY2006 - 10APR2007	15	1.618	0.268	1.034	1.461	1.633	1.759	2.146	0	0	0.00%
ACME1DS	TKN	mg N/L	21	08MAY2006 - 10APR2007	15	1.739	0.333	1.040	1.470	1.770	1.970	2.350	0	0	0.00%
ACME1DS	OPO4	mg P/L	23	08MAY2006 - 10APR2007	14	0.013	0.019	<0.004	<0.004	<0.004	0.002	0.056	10	0	0.00%
ACME1DS	TP	mg P/L	25	08MAY2006 - 10APR2007	14	0.065929	0.03797	0.03	0.038	0.052	0.075	0.148	0	0	0.00%
ACME1DS	DIS. CA	mg/L	30	05JUN2006 - 12MAR2007	7	55.443	18.928	30.700	33.500	65.700	71.000	73.600	0	0	0.00%
ACME1DS	DIS. K	mg/L	29	05JUN2006 - 12MAR2007	6	3.783	1.526	1.800	2.000	4.350	5.000	5.200	0	0	0.00%
ACME1DS	DIS. MG	mg/L	31	05JUN2006 - 12MAR2007	7	6.714	1.247	5.700	5.800	6.100	8.500	8.500	0	0	0.00%
ACME1DS	DIS. NA	mg/L	28	05JUN2006 - 12MAR2007	6	43.367	14.523	28.200	29.500	43.150	50.200	66.000	0	0	0.00%
ACME1DS	TOT. CL	mg/L	32	08MAY2006 - 10APR2007	15	84.707	31.405	45.400	57.900	81.200	100.000	157.000	0	0	0.00%
ACME1DS	TOT. SO4	mg/L	33	05JUN2006 - 12MAR2007	4	12.625	5.242	4.800	9.650	15.050	15.600	15.600	0	0	0.00%
ACME1DS	DIS. SILICA	mg/L	27	05JUN2006 - 12MAR2007	4	6.310	2.390	2.910	4.830	6.915	7.790	8.500	0	0	0.00%
ACME1DS	TOT. FE	mg/L	177	05JUN2006 - 12MAR2007	4	0.193	0.094	0.086	0.119	0.192	0.267	0.301	0	0	0.00%
ACME1DS	TOT. CD	ug/L	103	23AUG2006 - 28FEB2007	3	0.167	0.115	<0.1	<0.1	<0.3	<0.1	<0.3	3	0	0.00%
ACME1DS	TOT. CU	ug/L	104	23AUG2006 - 28FEB2007	3	2.667	1.155	<2	<2	<2	4.000	4.000	2	0	0.00%
ACME1DS	TOT. ULTRA TRACE HG	ug/L	207	03MAY2006 - 14FEB2007	4	0.002	0.001	0.001	0.001	0.002	0.002	0.003	0	0	0.00%
ACME1DS	TOT. MTHY HG	ug/L	203	03MAY2006 - 14FEB2007	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
ACME1DS	TOT. ZN	ug/L	105	23AUG2006 - 28FEB2007	3	4.000	0.000	<4	<4	<4	<4	<4	3	0	0.00%
VOW1	TP	mg P/L	25	22MAY2006 - 19DEC2006	20	0.079	0.035	0.049	0.052	0.066	0.105	0.180	0	0	0.00%
VOW1Auto	TP	mg P/L	25	24MAY2006 - 02JAN2007	23	0.093	0.036	0.045	0.060	0.089	0.110	0.170	0	0	0.00%
G94D	DO	mg/L	8	08MAY2006 - 10APR2007	15	4.325	1.160	2.460	3.360	4.210	5.290	6.520	0	11	73.33%
G94D	FLDCOND.	UMHOS/CM	9	08MAY2006 - 10APR2007	16	579.088	183.601	297.000	499.500	559.500	663.000	1116.000	0	0	0.00%
G94D	PH	UNITS	10	08MAY2006 - 10APR2007	16	7.245	0.331	6.600	7.090	7.205	7.350	7.930	0	0	0.00%
G94D	TURBIDITY	NTU	12	08MAY2006 - 10APR2007	16	7.494	8.017	0.900	3.400	5.050	8.900	34.700	0	1	6.25%
G94D	TSS	mg/L	16	08MAY2006 - 10APR2007	16	11.563	11.419	<3	5.000	8.000	12.500	49.000	3	0	0.00%
G94D	COLOR	UNITS	13	08MAY2006 - 10APR2007	15	76.733	12.279	62.000	67.000	76.000	85.000	100.000	0	0	0.00%
G94D	HARDNESS	mg/L CaCO3	35	05JUN2006 - 12MAR2007	7	151.943	51.713	93.300	93.700	151.500	193.000	226.000	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	TEMP	CENT	7	08MAY2006 - 10APR2007	16	26.981	3.802	19.600	23.650	29.000	29.850	31.000	0	0	0.00%
G94D	ALKALINITY	mg/L	67	08MAY2006 - 10APR2007	16	183.313	40.667	89.000	177.500	192.500	201.000	260.000	0	0	0.00%
G94D	TN	mg N/L	80	08MAY2006 - 10APR2007	16	1.570	0.329	0.982	1.339	1.554	1.820	2.220	0	0	0.00%
G94D	NOX	mg N/L	18;180	08MAY2006 - 10APR2007	15	0.046	0.045	<0.004	0.006	0.031	0.062	0.140	3	0	0.00%
G94D	NO2	mg N/L	19	08MAY2006 - 10APR2007	16	0.011	0.010	<0.004	<0.004	0.006	0.023	0.028	5	0	0.00%
G94D	NO3	mg N/L	78	08MAY2006 - 10APR2007	15	0.036	0.036	<0.004	0.006	0.023	0.056	0.113	3	0	0.00%
G94D	NH4	mg N/L	20	08MAY2006 - 10APR2007	16	0.088	0.110	0.005	0.014	0.036	0.136	0.349	0	0	0.00%
G94D	UN-IONIZED AMMONIA	mg/L	NONE	08MAY2006 - 10APR2007	16	0.001	0.001	0.000	0.000	0.001	0.001	0.004	0	0	0.00%
G94D	NNH4	mg N/L	92	08MAY2006 - 10APR2007	15	0.135	0.152	0.009	0.017	0.076	0.290	0.489	0	0	0.00%
G94D	ORGN	mg N/L	79	08MAY2006 - 10APR2007	16	1.439	0.323	0.935	1.238	1.414	1.643	2.207	0	0	0.00%
G94D	TKN	mg N/L	21	08MAY2006 - 10APR2007	16	1.527	0.333	0.950	1.255	1.525	1.805	2.220	0	0	0.00%
G94D	OPO4	mg P/L	23	08MAY2006 - 10APR2007	15	0.023	0.026	<0.004	0.005	0.012	0.037	0.091	2	0	0.00%
G94D	TP	mg P/L	25	08MAY2006 - 10APR2007	15	0.101	0.066	0.021	0.048	0.092	0.125	0.253	0	0	0.00%
G94D	DIS. CA	mg/L	30	05JUN2006 - 12MAR2007	7	52.657	21.360	29.000	29.200	53.000	71.000	81.500	0	0	0.00%
G94D	DIS. K	mg/L	29	05JUN2006 - 12MAR2007	6	3.417	2.111	1.000	1.300	3.700	5.300	5.500	0	0	0.00%
G94D	DIS. MG	mg/L	31	05JUN2006 - 12MAR2007	7	4.957	1.001	3.900	3.900	4.900	5.400	6.800	0	0	0.00%
G94D	DIS. NA	mg/L	28	05JUN2006 - 12MAR2007	6	26.367	5.245	20.000	23.400	24.650	32.700	32.800	0	0	0.00%
G94D	TOT. CL	mg/L	32	08MAY2006 - 10APR2007	16	57.169	30.870	34.100	39.700	46.600	64.300	158.000	0	0	0.00%
G94D	TOT. SO4	mg/L	33	05JUN2006 - 12MAR2007	4	13.125	7.511	2.400	8.000	15.500	18.250	19.100	0	0	0.00%
G94D	DIS. SILICA	mg/L	27	05JUN2006 - 12MAR2007	4	5.078	1.909	2.620	3.880	5.205	6.275	7.280	0	0	0.00%
G94D	TOT. FE	mg/L	177	05JUN2006 - 12MAR2007	4	0.439	0.289	0.067	0.220	0.477	0.659	0.736	0	0	0.00%
G94D	TOT. CD	ug/L	103	23AUG2006 - 28FEB2007	2	0.200	0.141	<0.1	<0.1	<0.3	<0.2	<0.3	2	0	0.00%
G94D	TOT. CU	ug/L	104	23AUG2006 - 28FEB2007	2	2.600	0.849	<2	<2	0.600	3.200	3.200	1	0	0.00%
G94D	TOT. ULTRA TRACE HG	ug/L	207	03MAY2006 - 14FEB2007	3	0.002	0.001	0.001	0.001	0.001	0.003	0.003	0	0	0.00%
G94D	TOT. MTHY HG	ug/L	203	03MAY2006 - 14FEB2007	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	23AUG2006 - 28FEB2007	2	4	0	<4	<4	<4	<4	<4	2	0	0.00%
VOW2	TP	mg P/L	25	22MAY2006 - 19DEC2006	20	0.144	0.079	0.039	0.096	0.125	0.175	0.410	0	0	0.00%
VOW2Auto	TP	mg P/L	25	24MAY2006 - 02JAN2007	23	0.124	0.039	0.057	0.097	0.130	0.150	0.200	0	0	0.00%
G123	DO	mg/L	8	02MAY2006 - 24APR2007	50	3.050	1.928	0.290	1.350	2.215	4.950	6.710	0	38	76.00%
G123	FLDCOND.	UMHOS/CM	9	02MAY2006 - 24APR2007	52	899.288	58.771	670.000	868.500	919.500	926.000	1009.000	0	0	0.00%
G123	PH	UNITS	10	02MAY2006 - 24APR2007	52	7.331	0.233	7.000	7.135	7.295	7.535	7.800	0	0	0.00%
G123	TURBIDITY	NTU	12	09MAY2006 - 10APR2007	13	2.508	1.527	1.000	1.700	2.200	2.600	7.000	0	0	0.00%
G123	TSS	mg/L	16	09MAY2006 - 10APR2007	13	3.077	0.277	<3	<3	<3	<3	4.000	12	0	0.00%
G123	COLOR	UNITS	13	09MAY2006 - 10APR2007	13	66.69231	8.56723	50	60	70	72	77	0	0	0.00%
G123	HARDNESS	mg/L CaCO3	35	23MAY2006 - 10APR2007	6	295.817	14.224	279.000	284.000	294.250	310.800	312.600	0	0	0.00%
G123	TEMP	CENT	7	02MAY2006 - 24APR2007	52	25.398	2.738	21.400	23.400	24.550	27.450	31.200	0	0	0.00%
G123	ALKALINITY	mg/L	67	09MAY2006 - 10APR2007	13	295.462	28.477	211.000	289.000	306.000	312.000	317.000	0	0	0.00%
G123	TN	mg N/L	80	09MAY2006 - 10APR2007	15	1.775	0.165	1.456	1.630	1.820	1.926	1.980	0	0	0.00%
G123	NOX	mg N/L	18;180	09MAY2006 - 10APR2007	12	0.028	0.040	<0.001	<0.004	0.008	0.046	0.136	3	0	0.00%
G123	NO2	mg N/L	19	09MAY2006 - 10APR2007	13	0.005	0.004	<0.004	<0.004	<0.004	0.003	0.016	7	0	0.00%
G123	NO3	mg N/L	78	09MAY2006 - 10APR2007	12	0.026	0.035	<0.004	<0.004	0.008	0.042	0.120	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
G123	NH4	mg N/L	20	09MAY2006 - 10APR2007	13	0.372	0.223	0.044	0.115	0.505	0.547	0.587	0	0	0.00%
G123	UN-IONIZED AMMONIA	mg/L	NONE	02MAY2006 - 24APR2007	13	0.004	0.002	0.001	0.003	0.005	0.005	0.009	0	0	0.00%
G123	NNH4	mg N/L	92	09MAY2006 - 10APR2007	12	0.385	0.195	0.095	0.178	0.499	0.541	0.587	0	0	0.00%
G123	ORGN	mg N/L	79	09MAY2006 - 10APR2007	13	1.364	0.097	1.173	1.325	1.345	1.393	1.549	0	0	0.00%
G123	TKN	mg N/L	21	09MAY2006 - 10APR2007	15	1.753	0.197	1.320	1.610	1.800	1.920	1.980	0	0	0.00%
G123	OPO4	mg P/L	23	09MAY2006 - 10APR2007	13	0.004	0.001	<0.002	<0.004	<0.004	<0.004	0.004	11	0	0.00%
G123	TP	mg P/L	25	02MAY2006 - 24APR2007	52	0.020154	0.01188	0.01	0.012	0.016	0.021	0.065	0	0	0.00%
G123	DIS. CA	mg/L	30	23MAY2006 - 10APR2007	7	85.471	3.443	81.000	82.300	86.400	88.900	89.600	0	0	0.00%
G123	DIS. K	mg/L	29	23MAY2006 - 10APR2007	6	4.683	0.360	4.200	4.400	4.700	4.900	5.200	0	0	0.00%
G123	DIS. MG	mg/L	31	23MAY2006 - 10APR2007	7	20.314	1.163	18.700	19.200	20.600	21.100	22.000	0	0	0.00%
G123	DIS. NA	mg/L	28	23MAY2006 - 10APR2007	6	69.733	3.654	63.700	67.400	70.550	72.900	73.300	0	0	0.00%
G123	TOT. CL	mg/L	32	09MAY2006 - 10APR2007	13	99.677	8.678	80.900	97.900	104.000	105.000	108.000	0	0	0.00%
G123	TOT. SO4	mg/L	33	23MAY2006 - 10APR2007	5	3.180	1.489	1.500	2.400	3.100	3.400	5.500	0	0	0.00%
G123	DIS. SILICA	mg/L	27	23MAY2006 - 10APR2007	5	15.332	1.874	13.100	13.500	16.350	16.720	16.990	0	0	0.00%
G123	TOT. FE	mg/L	177	23MAY2006 - 10APR2007	5	0.244	0.104	0.126	0.140	0.291	0.319	0.346	0	0	0.00%
G123	TOT. CD	ug/L	103	21AUG2006 - 12FEB2007	2	0.200	0.141	<0.1	<0.1	<0.3	<0.2	<0.3	2	0	0.00%
G123	TOT. CU	ug/L	104	21AUG2006 - 12FEB2007	2	1.600	0.566	<1.2	<1.2	<2	<1.6	<2	2	0	0.00%
G123	TOT. ULTRA TRACE HG	ug/L	207	01MAY2006 - 12FEB2007	4	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0	0	0.00%
G123	TOT. MTHY HG	ug/L	203	01MAY2006 - 12FEB2007	3	0.000	0.000	<0.000022	<0.000022	0.000	0.000	0.000	1	0	0.00%
G123	TOT. ZN	ug/L	105	21AUG2006 - 12FEB2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S9	DO	mg/L	8	02MAY2006 - 24APR2007	49	1.930	1.275	0.220	0.930	1.710	2.860	5.040	0	48	97.96%
S9	FLDCOND.	UMHOS/CM	9	02MAY2006 - 24APR2007	51	788.686	44.076	646.000	776.000	806.000	815.000	836.000	0	0	0.00%
S9	PH	UNITS	10	02MAY2006 - 24APR2007	51	7.294	0.140	6.980	7.200	7.300	7.400	7.640	0	0	0.00%
S9	TURBIDITY	NTU	12	09MAY2006 - 10APR2007	12	3.750	1.694	2.200	2.450	3.350	4.400	7.800	0	0	0.00%
S9	TSS	mg/L	16	09MAY2006 - 10APR2007	12	3.000	0.000	<3	<3	<3	<3	<3	12	0	0.00%
S9	COLOR	UNITS	13	09MAY2006 - 10APR2007	12	52.417	8.775	40.000	45.000	54.000	57.500	71.000	0	0	0.00%
S9	HARDNESS	mg/L CaCO3	35	06JUL2006 - 10APR2007	5	272.740	15.067	247.000	273.200	278.700	279.000	285.800	0	0	0.00%
S9	TEMP	CENT	7	02MAY2006 - 24APR2007	51	25.416	2.278	21.500	23.700	24.800	27.400	30.100	0	0	0.00%
S9	ALKALINITY	mg/L	67	09MAY2006 - 10APR2007	12	273.667	18.233	222.000	271.000	281.000	283.500	288.000	0	0	0.00%
S9	TN	mg N/L	80	09MAY2006 - 10APR2007	13	1.597	0.202	1.252	1.474	1.606	1.736	1.922	0	0	0.00%
S9	NOX	mg N/L	18;180	09MAY2006 - 10APR2007	11	0.036	0.041	0.002	0.009	0.024	0.042	0.135	0	0	0.00%
S9	NO2	mg N/L	19	09MAY2006 - 10APR2007	12	0.005	0.003	<0.004	<0.004	0.002	0.005	0.013	5	0	0.00%
S9	NO3	mg N/L	78	09MAY2006 - 10APR2007	11	0.033	0.038	<0.004	0.009	0.021	0.037	0.130	1	0	0.00%
S9	NH4	mg N/L	20	09MAY2006 - 10APR2007	12	0.467	0.179	0.149	0.343	0.479	0.592	0.724	0	0	0.00%
S9	UN-IONIZED AMMONIA	mg/L	NONE	02MAY2006 - 24APR2007	12	0.006	0.002	0.003	0.005	0.006	0.008	0.010	0	0	0.00%
S9	NNH4	mg N/L	92	09MAY2006 - 10APR2007	11	0.482	0.158	0.191	0.345	0.532	0.599	0.726	0	0	0.00%
S9	ORGN	mg N/L	79	09MAY2006 - 10APR2007	12	1.096	0.074	0.969	1.054	1.102	1.166	1.196	0	0	0.00%
S9	TKN	mg N/L	21	09MAY2006 - 10APR2007	13	1.566	0.219	1.200	1.450	1.600	1.710	1.920	0	0	0.00%
S9	OPO4	mg P/L	23	09MAY2006 - 10APR2007	12	0.004667	0.0021	<0.004	<0.004	<0.004	0.003	0.01	8	0	0.00%
S9	TP	mg P/L	25	02MAY2006 - 24APR2007	51	0.012	0.003	0.008	0.010	0.012	0.013	0.021	0	0	0.00%
S9	DIS. CA	mg/L	30	06JUL2006 - 10APR2007	6	83.350	2.445	79.000	83.000	83.550	84.700	86.300	0	0	0.00%
S9	DIS. K	mg/L	29	06JUL2006 - 10APR2007	5	4.000	0.442	3.600	3.600	3.900	4.300	4.600	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
S9	DIS. MG	mg/L	31	06JUL2006 - 10APR2007	6	15.700	1.946	12.200	15.400	15.900	16.800	18.000	0	0	0.00%
S9	DIS. NA	mg/L	28	06JUL2006 - 10APR2007	5	55.980	2.600	52.700	54.600	55.400	58.200	59.000	0	0	0.00%
S9	TOT. CL	mg/L	32	09MAY2006 - 10APR2007	12	80.917	8.166	60.300	77.000	83.150	86.900	88.800	0	0	0.00%
S9	TOT. SO4	mg/L	33	06JUL2006 - 10APR2007	4	1.725	1.181	0.800	0.900	1.350	2.550	3.400	0	0	0.00%
S9	DIS. SILICA	mg/L	27	06JUL2006 - 10APR2007	4	13.480	1.252	11.900	12.490	13.670	14.470	14.680	0	0	0.00%
S9	TOT. FE	mg/L	177	06JUL2006 - 10APR2007	4	0.347	0.232	0.078	0.153	0.374	0.540	0.560	0	0	0.00%
S9	TOT. CD	ug/L	103	21AUG2006 - 12FEB2007	2	0.200	0.141	<0.1	<0.1	<0.3	<0.2	<0.3	2	0	0.00%
S9	TOT. CU	ug/L	104	21AUG2006 - 12FEB2007	2	1.850	0.212	<0.15	<2	<2	1.700	1.700	1	0	0.00%
S9	TOT. ULTRA TRACE HG	ug/L	207	01MAY2006 - 12FEB2007	4	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S9	TOT. MTHY HG	ug/L	203	01MAY2006 - 12FEB2007	3	0.000	0.000	<0.000022	0.000022	<0.000022	0.000	0.000	2	0	0.00%
S9	TOT. ZN	ug/L	105	21AUG2006 - 12FEB2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S9Auto	TN	mg N/L	80	06JUN2006 - 20FEB2007	15	1.520	0.199	1.292	1.359	1.435	1.680	1.866	0	0	0.00%
S9Auto	NOX	mg N/L	18;180	06JUN2006 - 19DEC2006	14	0.066	0.052	0.010	0.020	0.052	0.109	0.164	0	0	0.00%
S9Auto	TKN	mg N/L	21	06JUN2006 - 20FEB2007	15	1.459	0.231	1.250	1.270	1.290	1.680	1.850	0	0	0.00%
S9Auto	TP	mg P/L	25	06JUN2006 - 10APR2007	16	0.016	0.004	0.009	0.013	0.014	0.019	0.025	0	0	0.00%
S9A	DO	mg/L	8	02MAY2006 - 24APR2007	49	1.870	1.194	0.280	0.790	1.730	2.960	4.720	0	49	100.00%
S9A	FLDCOND.	UMHOS/CM	9	02MAY2006 - 24APR2007	51	789.980	43.769	653.000	780.000	810.000	815.000	857.000	0	0	0.00%
S9A	PH	UNITS	10	02MAY2006 - 24APR2007	51	7.283	0.123	7.000	7.200	7.300	7.390	7.530	0	0	0.00%
S9A	TURBIDITY	NTU	12	09MAY2006 - 10APR2007	16	3.606	2.125	1.400	2.700	3.300	3.700	11.000	0	0	0.00%
S9A	TEMP	CENT	7	02MAY2006 - 24APR2007	51	25.498	2.275	21.600	23.900	24.800	27.300	29.900	0	0	0.00%
S9A	ALKALINITY	mg/L	67	06JUL2006 - 10APR2007	4	275.000	4.243	272.000	272.000	273.500	278.000	281.000	0	0	0.00%
S9A	TN	mg N/L	80	09MAY2006 - 10APR2007	17	1.564	0.337	<0.5	1.482	1.611	1.764	1.938	1	0	0.00%
S9A	NOX	mg N/L	18;180	09MAY2006 - 10APR2007	17	0.028	0.032	<0.004	0.008	0.018	0.031	0.121	1	0	0.00%
S9A	NO2	mg N/L	19	09MAY2006 - 10APR2007	17	0.005	0.003	<0.004	<0.004	0.002	0.006	0.013	7	0	0.00%
S9A	NO3	mg N/L	78	09MAY2006 - 10APR2007	17	0.024647	0.0303	<0.004	0.006	0.016	0.025	0.117	2	0	0.00%
S9A	NH4	mg N/L	20	09MAY2006 - 10APR2007	17	0.481	0.173	0.121	0.362	0.501	0.625	0.744	0	0	0.00%
S9A	UN-IONIZED AMMONIA	mg/L	NONE	02MAY2006 - 24APR2007	16	0.006	0.002	0.003	0.005	0.006	0.008	0.010	0	0	0.00%
S9A	NNH4	mg N/L	92	09MAY2006 - 10APR2007	17	0.509	0.158	0.162	0.374	0.532	0.625	0.751	0	0	0.00%
S9A	ORGN	mg N/L	79	09MAY2006 - 10APR2007	16	1.131	0.081	0.968	1.099	1.121	1.172	1.345	0	0	0.00%
S9A	TKN	mg N/L	21	09MAY2006 - 10APR2007	16	1.602	0.217	1.220	1.470	1.570	1.750	1.930	0	0	0.00%
S9A	OPO4	mg P/L	23	09MAY2006 - 10APR2007	17	0.005	0.003	<0.002	<0.004	<0.004	0.014	0.014	13	0	0.00%
S9A	TP	mg P/L	25	02MAY2006 - 24APR2007	51	0.013	0.005	0.008	0.010	0.011	0.014	0.044	0	0	0.00%
S9A	TOT. CL	mg/L	32	06JUL2006 - 10APR2007	4	83.825	6.273	75.900	78.800	85.100	88.850	89.200	0	0	0.00%
S9AAuto	TP	mg P/L	25	02MAY2006 - 03APR2007	45	0.013	0.003	0.009	0.011	0.012	0.014	0.019	0	0	0.00%
S18C	DO	mg/L	8	01MAY2006 - 30APR2007	45	6.180	2.893	1.450	3.380	7.040	8.450	12.200	0	15	33.33%
S18C	FLDCOND.	UMHOS/CM	9	01MAY2006 - 30APR2007	44	534.030	59.139	460.000	513.500	531.000	539.000	880.000	0	0	0.00%
S18C	PH	UNITS	10	01MAY2006 - 30APR2007	46	7.75	0.36627	7.2	7.34	7.85	8.1	8.2	0	0	0.00%
S18C	TURBIDITY	NTU	12	01MAY2006 - 16APR2007	19	2.389	3.435	0.600	0.900	1.100	2.300	15.700	0	0	0.00%
S18C	TSS	mg/L	16	01MAY2006 - 16APR2007	19	5.368	7.911	<3	<3	<3	<3	36.000	17	0	0.00%
S18C	COLOR	UNITS	13	01MAY2006 - 16APR2007	19	13.789	4.837	10.000	10.000	12.000	15.000	26.000	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	01MAY2006 - 16APR2007	17	210.941	6.272	199.900	206.300	211.000	215.000	223.000	0	0	0.00%
S18C	TEMP	CENT	7	01MAY2006 - 30APR2007	46	25.666	2.311	20.100	24.300	26.100	27.300	29.860	0	0	0.00%
S18C	ALKALINITY	mg/L	67	01MAY2006 - 16APR2007	19	200.579	9.246	182.000	192.000	203.000	208.000	213.000	0	0	0.00%
S18C	SALINITY	UNITS	98	19MAR2007 - 19MAR2007	1	0.230		0.230	0.230	0.230	0.230	0.230	0	0	0.00%
S18C	TN	mg N/L	80	01MAY2006 - 16APR2007	19	0.706	0.150	0.568	0.598	0.633	0.873	1.011	0	0	0.00%
S18C	NOX	mg N/L	18;180	01MAY2006 - 16APR2007	18	0.095	0.039	0.028	0.068	0.106	0.117	0.161	0	0	0.00%
S18C	NO2	mg N/L	19	01MAY2006 - 16APR2007	19	0.005	0.002	<0.004	0.004	0.004	0.007	0.010	4	0	0.00%
S18C	NO3	mg N/L	78	01MAY2006 - 16APR2007	18	0.090	0.039	0.022	0.063	0.099	0.109	0.157	0	0	0.00%
S18C	NH4	mg N/L	20	01MAY2006 - 16APR2007	19	0.043	0.039	0.005	0.012	0.026	0.075	0.121	0	0	0.00%
S18C	UN-IONIZED AMMONIA	mg/L	NONE	01MAY2006 - 30APR2007	18	0.001	0.001	0.000	0.001	0.001	0.001	0.003	0	0	0.00%
S18C	NNH4	mg N/L	92	01MAY2006 - 16APR2007	18	0.140	0.057	0.042	0.094	0.153	0.179	0.253	0	0	0.00%
S18C	ORGN	mg N/L	79	01MAY2006 - 16APR2007	19	0.573	0.186	0.360	0.440	0.489	0.738	0.909	0	0	0.00%
S18C	TKN	mg N/L	21	01MAY2006 - 16APR2007	19	0.616	0.162	0.460	0.490	0.540	0.750	0.920	0	0	0.00%
S18C	OPO4	mg P/L	23	01MAY2006 - 16APR2007	19	0.004	0.001	<0.002	<0.004	<0.004	<0.004	<0.004	19	0	0.00%
S18C	ALKALINE PHOS	nM/minml	168	01MAY2006 - 16APR2007	13	10.385	6.627	<1	7.000	10.000	11.000	25.000	1	0	0.00%
S18C	TP	mg P/L	25	01MAY2006 - 30APR2007	42	0.007	0.005	0.003	0.005	0.006	0.007	0.027	0	0	0.00%
S18C	DIS. CA	mg/L	30	01MAY2006 - 16APR2007	21	73.910	2.939	69.200	71.300	74.600	76.100	81.100	0	0	0.00%
S18C	DIS. K	mg/L	29	01MAY2006 - 16APR2007	20	4.365	0.799	3.200	3.550	4.500	4.800	6.000	0	0	0.00%
S18C	DIS. MG	mg/L	31	01MAY2006 - 16APR2007	21	6.443	1.423	4.800	5.600	6.000	6.400	9.900	0	0	0.00%
S18C	DIS. NA	mg/L	28	01MAY2006 - 16APR2007	20	27.385	3.992	22.100	24.950	26.150	27.950	37.000	0	0	0.00%
S18C	TOT. CL	mg/L	32	01MAY2006 - 16APR2007	19	42.700	6.221	34.600	39.100	41.300	43.300	57.700	0	0	0.00%
S18C	TOT. FE	mg/L	177	10JUL2006 - 02APR2007	4	0.148	0.146	0.011	0.021	0.150	0.274	0.279	0	0	0.00%
S18C	TOT. CD	ug/L	103	18JUL2006 - 18JAN2007	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S18C	TOT. CU	ug/L	104	18JUL2006 - 18JAN2007	2	2.800	1.131	<2	<2	0.800	3.600	3.600	1	0	0.00%
S18C	TOT. ULTRA TRACE HG	ug/L	207	18JUL2006 - 03APR2007	4	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0	0	0.00%
S18C	TOT. MTHY HG	ug/L	203	18JUL2006 - 03APR2007	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S18C	TOT. ZN	ug/L	105	18JUL2006 - 18JAN2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S18C	CAROTENOID	mg/m3	63	01MAY2006 - 16APR2007	18	2.244	2.390	<1	<1	1.000	2.500	9.200	7	0	0.00%
S18C	CHLA	mg/m3	61	01MAY2006 - 16APR2007	18	5.333	9.524	<1	<1	2.000	4.000	35.000	5	0	0.00%
S18C	CHLA2	mg/m3	112	01MAY2006 - 16APR2007	17	5.353	8.874	<1	1.000	2.000	4.000	34.000	2	0	0.00%
S18C	CHLB	mg/m3	62	01MAY2006 - 16APR2007	18	2.056	2.437	<1	<1	<1	2.000	10.000	11	0	0.00%
S18C	CHLC	mg/m3	113	01MAY2006 - 16APR2007	17	1.412	0.795	<1	<1	<1	1.000	3.000	12	0	0.00%
S18C	PHEOPHYTIN A	mg/m3	64	01MAY2006 - 16APR2007	18	1.444	1.653	<1	<1	<1	<1	8.000	15	0	0.00%
S18CAuto	TN	mg N/L	80	15MAY2006 - 18SEP2006	7	0.822	0.186	0.685	0.691	0.710	1.060	1.116	0	0	0.00%
S18CAuto	NOX	mg N/L	18;180	10JUL2006 - 18SEP2006	5	0.101	0.019	0.073	0.096	0.100	0.111	0.125	0	0	0.00%
S18CAuto	TKN	mg N/L	21	15MAY2006 - 18SEP2006	7	0.750	0.207	0.560	0.580	0.700	1.020	1.060	0	0	0.00%
S18CAuto	TP	mg P/L	25	15MAY2006 - 16APR2007	19	0.009	0.003	0.004	0.007	0.009	0.010	0.018	0	0	0.00%
S140	DO	mg/L	8	02MAY2006 - 24APR2007	50	5.587	2.314	1.300	3.570	5.720	7.650	9.550	0	19	38.00%
S140	FLDCOND.	UMHOS/CM	9	02MAY2006 - 24APR2007	52	756.250	183.361	315.000	643.000	801.500	899.000	1007.000	0	0	0.00%
S140	PH	UNITS	10	02MAY2006 - 24APR2007	52	7.651	0.413	6.500	7.400	7.700	7.985	8.400	0	0	0.00%
S140	TURBIDITY	NTU	12	09MAY2006 - 10APR2007	17	2.518	1.158	0.800	1.600	2.800	3.600	4.200	0	0	0.00%
S140	TSS	mg/L	16	09MAY2006 - 10APR2007	17	3.647	1.272	<3	<3	<3	3.000	7.000	12	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	COLOR	UNITS	13	09MAY2006 - 10APR2007	17	76.000	22.074	45.000	62.000	73.000	95.000	114.000	0	0	0.00%
S140	HARDNESS	mg/L CaCO3	35	06JUL2006 - 10APR2007	5	241.840	35.420	183.000	236.000	254.200	267.400	268.600	0	0	0.00%
S140	TEMP	CENT	7	02MAY2006 - 24APR2007	52	25.002	3.431	18.200	22.150	24.700	28.500	29.600	0	0	0.00%
S140	ALKALINITY	mg/L	67	09MAY2006 - 10APR2007	17	212.353	41.084	121.000	183.000	230.000	244.000	249.000	0	0	0.00%
S140	TN	mg N/L	80	09MAY2006 - 10APR2007	18	1.302	0.098	1.144	1.212	1.298	1.353	1.498	0	0	0.00%
S140	NOX	mg N/L	18;180	09MAY2006 - 10APR2007	16	0.044	0.035	<0.004	0.016	0.035	0.075	0.109	2	0	0.00%
S140	NO2	mg N/L	19	09MAY2006 - 10APR2007	17	0.005	0.002	<0.004	0.002	0.005	0.006	0.007	3	0	0.00%
S140	NO3	mg N/L	78	09MAY2006 - 10APR2007	16	0.040	0.033	<0.004	0.014	0.030	0.069	0.103	2	0	0.00%
S140	NH4	mg N/L	20	09MAY2006 - 10APR2007	17	0.057	0.034	<0.009	0.026	0.054	0.093	0.114	1	0	0.00%
S140	UNIONIZED AMMONIA	mg/L	NONE	02MAY2006 - 24APR2007	17	0.002	0.002	0.000	0.001	0.001	0.002	0.007	0	0	0.00%
S140	NNH4	mg N/L	92	09MAY2006 - 10APR2007	16	0.103	0.058	<0.009	0.060	0.111	0.149	0.201	1	0	0.00%
S140	ORGN	mg N/L	79	09MAY2006 - 10APR2007	17	1.207	0.104	1.046	1.143	1.200	1.255	1.398	0	0	0.00%
S140	TKN	mg N/L	21	09MAY2006 - 10APR2007	18	1.263	0.097	1.100	1.190	1.260	1.310	1.460	0	0	0.00%
S140	OPO4	mg P/L	23	09MAY2006 - 10APR2007	17	0.011	0.008	<0.004	0.002	0.011	0.014	0.028	3	0	0.00%
S140	TP	mg P/L	25	02MAY2006 - 24APR2007	51	0.036	0.010	0.020	0.028	0.035	0.043	0.062	0	0	0.00%
S140	DIS. CA	mg/L	30	06JUL2006 - 10APR2007	6	84.017	10.180	65.700	81.000	86.050	91.200	94.100	0	0	0.00%
S140	DIS. K	mg/L	29	06JUL2006 - 10APR2007	5	5.260	0.555	4.300	5.300	5.500	5.500	5.700	0	0	0.00%
S140	DIS. MG	mg/L	31	06JUL2006 - 10APR2007	6	7.183	1.804	4.600	5.900	7.400	8.200	9.600	0	0	0.00%
S140	DIS. NA	mg/L	28	06JUL2006 - 10APR2007	5	66.760	22.551	34.700	62.600	63.100	77.200	96.200	0	0	0.00%
S140	TOT. CL	mg/L	32	09MAY2006 - 10APR2007	17	78.788	37.070	21.300	52.200	88.400	109.100	138.000	0	0	0.00%
S140	TOT. SO4	mg/L	33	06JUL2006 - 10APR2007	4	20.525	6.485	11.600	16.400	21.700	24.650	27.100	0	0	0.00%
S140	DIS. SILICA	mg/L	27	06JUL2006 - 10APR2007	4	7.115	2.357	3.870	5.375	7.815	8.855	8.960	0	0	0.00%
S140	TOT. FE	mg/L	177	06JUL2006 - 10APR2007	4	0.100	0.068	0.023	0.050	0.095	0.149	0.186	0	0	0.00%
S140	TOT. CD	ug/L	103	22AUG2006 - 13FEB2007	2	0.200	0.141	<0.1	<0.1	<0.3	<0.2	<0.3	2	0	0.00%
S140	TOT. CU	ug/L	104	22AUG2006 - 13FEB2007	2	1.600	0.566	<1.2	<1.2	<2	<1.6	<2	2	0	0.00%
S140	TOT. ULTRA TRACE HG	ug/L	207	02MAY2006 - 29NOV2006	3	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0	0	0.00%
S140	TOT. MTHY HG	ug/L	203	02MAY2006 - 29NOV2006	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S140	TOT. ZN	ug/L	105	22AUG2006 - 13FEB2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S140Auto	TP	mg P/L	25	02MAY2006 - 16JAN2007	33	0.045	0.012	0.029	0.035	0.045	0.053	0.075	0	0	0.00%
S190	DO	mg/L	8	04MAY2006 - 26APR2007	49	6.544	2.374	1.620	4.560	6.950	8.380	10.700	0	15	30.61%
S190	FLDCOND.	UMHOS/CM	9	04MAY2006 - 26APR2007	49	517.339	88.150	290.000	477.000	496.000	527.000	845.000	0	0	0.00%
S190	PH	UNITS	10	04MAY2006 - 26APR2007	50	7.635	0.352	6.760	7.400	7.615	7.840	8.330	0	0	0.00%
S190	TURBIDITY	NTU	12	11MAY2006 - 26APR2007	13	2.269	0.789	1.200	1.700	2.400	2.800	3.700	0	0	0.00%
S190	TSS	mg/L	16	11MAY2006 - 26APR2007	13	3.231	0.439	<3	<3	3.000	3.000	4.000	6	0	0.00%
S190	COLOR	UNITS	13	11MAY2006 - 26APR2007	13	61.308	35.241	36.000	40.000	44.000	65.000	154.000	0	0	0.00%
S190	HARDNESS	mg/L CaCO3	35	08JUN2006 - 01MAR2007	5	169.240	35.253	129.000	134.000	184.500	193.700	205.000	0	0	0.00%
S190	TEMP	CENT	7	04MAY2006 - 26APR2007	50	26.116	3.82859	19.2	22.8	25.45	28.9	32.9	0	0	0.00%
S190	ALKALINITY	mg/L	67	11MAY2006 - 26APR2007	13	175.846	37.135	113.000	135.000	186.000	206.000	218.000	0	0	0.00%
S190	TN	mg N/L	80	11MAY2006 - 26APR2007	14	1.142	0.084	0.990	1.082	1.141	1.216	1.240	0	0	0.00%
S190	NOX	mg N/L	18;180	11MAY2006 - 26APR2007	11	0.022	0.034	<0.004	<0.004	0.011	0.020	0.121	3	0	0.00%
S190	NO2	mg N/L	19	11MAY2006 - 26APR2007	13	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	7	0	0.00%
S190	NO3	mg N/L	78	11MAY2006 - 26APR2007	11	0.020	0.034	<0.004	<0.004	0.010	0.015	0.119	4	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	NH4	mg N/L	20	11MAY2006 - 26APR2007	12	0.026	0.028	<0.009	<0.009	0.011	0.040	0.099	5	0	0.00%
S190	UN-IONIZED AMMONIA	mg/L	NONE	04MAY2006 - 26APR2007	12	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S190	NNH4	mg N/L	92	11MAY2006 - 26APR2007	11	0.046	0.047	<0.009	<0.009	0.012	0.075	0.135	3	0	0.00%
S190	ORGN	mg N/L	79	11MAY2006 - 26APR2007	12	1.124	0.075	1.006	1.070	1.130	1.192	1.220	0	0	0.00%
S190	TKN	mg N/L	21	11MAY2006 - 26APR2007	14	1.126	0.087	0.990	1.050	1.130	1.210	1.220	0	0	0.00%
S190	OPO4	mg P/L	23	11MAY2006 - 26APR2007	13	0.019	0.042	<0.004	<0.004	<0.004	0.004	0.153	7	0	0.00%
S190	TP	mg P/L	25	04MAY2006 - 26APR2007	50	0.046	0.049	<0.002	0.024	0.030	0.041	0.282	1	0	0.00%
S190	DIS. CA	mg/L	30	08JUN2006 - 01MAR2007	6	60.233	15.441	38.400	45.600	63.250	72.500	78.400	0	0	0.00%
S190	DIS. K	mg/L	29	08JUN2006 - 01MAR2007	5	2.780	0.884	2.200	2.200	2.400	2.800	4.300	0	0	0.00%
S190	DIS. MG	mg/L	31	08JUN2006 - 01MAR2007	6	6.817	1.886	3.800	5.800	7.000	8.000	9.300	0	0	0.00%
S190	DIS. NA	mg/L	28	08JUN2006 - 01MAR2007	5	26.240	9.751	9.900	25.200	29.300	33.000	33.800	0	0	0.00%
S190	TOT. CL	mg/L	32	11MAY2006 - 26APR2007	13	37.862	12.475	13.800	32.400	38.700	48.700	53.100	0	0	0.00%
S190	TOT. SO4	mg/L	33	08JUN2006 - 01MAR2007	4	10.875	7.680	4.400	5.300	8.800	16.450	21.500	0	0	0.00%
S190	DIS. SILICA	mg/L	27	08JUN2006 - 01MAR2007	4	4.250	1.591	3.000	3.040	3.805	5.460	6.390	0	0	0.00%
S190	TOT. FE	mg/L	177	08JUN2006 - 01MAR2007	4	0.122	0.125	0.039	0.051	0.070	0.193	0.307	0	0	0.00%
S190	TOT. CD	ug/L	103	22AUG2006 - 13FEB2007	2	0.200	0.141	<0.1	<0.1	<0.3	<0.2	<0.3	2	0	0.00%
S190	TOT. CU	ug/L	104	22AUG2006 - 13FEB2007	2	1.600	0.566	<1.2	<1.2	<2	<1.6	<2	2	0	0.00%
S190	TOT. ZN	ug/L	105	22AUG2006 - 13FEB2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S190Auto	TP	mg P/L	25	22JUN2006 - 30NOV2006	14	0.117	0.113	<0.002	0.039	0.052	0.220	0.352	1	0	0.00%
S38B	TOT. ULTRA TRACE HG	ug/L	207	02MAY2006 - 13FEB2007	4	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0	0	0.00%
S38B	TOT. MTHY HG	ug/L	203	02MAY2006 - 13FEB2007	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
NSIDSP01	DO	mg/L	8	10MAY2006 - 12MAR2007	25	7.259	2.019	3.110	6.920	7.370	8.830	9.960	0	4	16.00%
NSIDSP01	FLDCOND.	UMHOS/CM	9	10MAY2006 - 12MAR2007	26	568.462	69.814	428.000	525.000	564.500	631.000	676.000	0	0	0.00%
NSIDSP01	PH	UNITS	10	10MAY2006 - 12MAR2007	26	8.027	0.271	7.380	7.870	8.100	8.200	8.500	0	0	0.00%
NSIDSP01	TURBIDITY	NTU	12	02JUN2006 - 01SEP2006	4	3.950	0.889	3.060	3.215	3.885	4.685	4.970	0	0	0.00%
NSIDSP01	TEMP	CENT	7	10MAY2006 - 12MAR2007	26	27.415	3.892	20.500	23.700	28.800	30.900	32.100	0	0	0.00%
NSIDSP01	TP	mg P/L	25	10MAY2006 - 12MAR2007	26	0.020	0.007	0.009	0.016	0.020	0.022	0.044	0	0	0.00%
NSIDSP01Auto	TP	mg P/L	25	28AUG2006 - 11SEP2006	2	0.021	0.002	0.019	0.019	0.021	0.022	0.022	0	0	0.00%
S12D	DO	mg/L	8	23MAY2006 - 09JAN2007	15	3.221	1.521	1.860	2.190	2.870	3.610	7.780	0	14	93.33%
S12D	FLDCOND.	UMHOS/CM	9	23MAY2006 - 09JAN2007	15	556.400	174.815	214.000	458.000	592.000	713.000	833.000	0	0	0.00%
S12D	PH	UNITS	10	23MAY2006 - 09JAN2007	15	7.353	0.121	7.130	7.270	7.360	7.410	7.620	0	0	0.00%
S12D	TURBIDITY	NTU	12	23MAY2006 - 09JAN2007	15	2.713333	3.02487	0.8	1.1	1.8	2.9	12.8	0	0	0.00%
S12D	TSS	mg/L	16	23MAY2006 - 09JAN2007	15	4.933	5.007	<3	<3	<3	4.000	21.000	11	0	0.00%
S12D	COLOR	UNITS	13	23MAY2006 - 09JAN2007	14	59.714	24.910	26.000	30.000	67.500	75.000	103.000	0	0	0.00%
S12D	HARDNESS	mg/L CaCO3	35	23MAY2006 - 09JAN2007	9	183.944	52.768	90.400	162.000	194.000	215.000	255.000	0	0	0.00%
S12D	TEMP	CENT	7	23MAY2006 - 09JAN2007	15	26.807	3.691	19.700	23.900	28.500	29.500	30.700	0	0	0.00%
S12D	ALKALINITY	mg/L	67	23MAY2006 - 09JAN2007	15	180.200	40.483	88.000	164.000	184.000	210.000	224.000	0	0	0.00%
S12D	TN	mg N/L	80	23MAY2006 - 09JAN2007	15	1.390	0.398	<0.5	1.084	1.500	1.628	1.943	1	0	0.00%
S12D	NOX	mg N/L	18;180	13JUN2006 - 09JAN2007	13	0.046	0.022	0.014	0.029	0.043	0.061	0.087	0	0	0.00%
S12D	NO2	mg N/L	19	23MAY2006 - 09JAN2007	14	0.005	0.001	<0.004	<0.004	0.000	0.005	0.009	7	0	0.00%
S12D	NO3	mg N/L	78	11JUL2006 - 09JAN2007	12	0.042	0.020	0.014	0.027	0.041	0.056	0.082	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	NH4	mg N/L	20	23MAY2006 - 09JAN2007	15	0.074	0.077	0.019	0.028	0.043	0.061	0.267	0	0	0.00%
S12D	UN-IONIZED AMMONIA	mg/L	NONE	23MAY2006 - 09JAN2007	15	0.001	0.001	0.000	0.001	0.001	0.001	0.005	0	0	0.00%
S12D	NNH4	mg N/L	92	13JUN2006 - 09JAN2007	13	0.115	0.092	0.035	0.067	0.093	0.111	0.328	0	0	0.00%
S12D	ORGN	mg N/L	79	23MAY2006 - 09JAN2007	14	1.356	0.296	0.751	1.260	1.453	1.521	1.869	0	0	0.00%
S12D	TKN	mg N/L	21	23MAY2006 - 09JAN2007	14	1.416	0.314	0.770	1.310	1.510	1.570	1.900	0	0	0.00%
S12D	OPO4	mg P/L	23	23MAY2006 - 12DEC2006	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	12	0	0.00%
S12D	ALKALINE PHOS	nM/minml	168	23MAY2006 - 09JAN2007	12	8.583	2.906	3.000	6.500	9.000	11.000	13.000	0	0	0.00%
S12D	TP	mg P/L	25	23MAY2006 - 09JAN2007	14	0.018	0.015	0.009	0.009	0.014	0.019	0.068	0	0	0.00%
S12D	DIS. CA	mg/L	30	23MAY2006 - 09JAN2007	15	58.687	11.032	32.800	56.100	60.200	67.800	72.800	0	0	0.00%
S12D	DIS. K	mg/L	29	23MAY2006 - 09JAN2007	15	3.720	1.593	1.100	2.400	4.200	4.900	6.200	0	0	0.00%
S12D	DIS. MG	mg/L	31	23MAY2006 - 09JAN2007	15	11.46	5.96272	2.1	5.3	12.7	15.8	20.8	0	0	0.00%
S12D	DIS. NA	mg/L	28	23MAY2006 - 09JAN2007	15	39.453	18.335	8.400	25.200	41.400	53.800	70.000	0	0	0.00%
S12D	TOT. CL	mg/L	32	23MAY2006 - 09JAN2007	14	56.450	31.412	<0.1	22.100	63.850	79.900	103.000	1	0	0.00%
S12D	TOT. SO4	mg/L	33	11JUL2006 - 09JAN2007	4	11.325	9.978	<0.1	3.150	11.400	19.400	22.400	1	0	0.00%
S12D	DIS. SILICA	mg/L	27	11JUL2006 - 09JAN2007	4	8.843	3.307	5.100	6.195	8.845	11.490	12.580	0	0	0.00%
S12D	TOT. FE	mg/L	177	11JUL2006 - 09JAN2007	3	0.212	0.183	0.104	0.104	0.108	0.423	0.423	0	0	0.00%
S12D	TOT. ULTRA TRACE HG	ug/L	207	27JUL2006 - 24OCT2006	3	0.001	0.001	<0.0001	<0.0001	0.001	0.002	0.002	1	0	0.00%
S12D	TOT. MTHY HG	ug/L	203	27JUL2006 - 24OCT2006	3	0.000	0.000	<0.000022	<0.000022	0.000	0.000	0.000	1	0	0.00%
S12D	CAROTENOID	mg/m3	63	03OCT2006 - 09JAN2007	7	3.429	5.159	<1	<1	1.000	3.000	15.000	3	0	0.00%
S12D	CHLA	mg/m3	61	23MAY2006 - 09JAN2007	15	5.867	12.856	<1	2.000	2.000	4.000	52.000	2	0	0.00%
S12D	CHLA2	mg/m3	112	23MAY2006 - 09JAN2007	15	5.000	11.129	<1	1.000	2.000	3.000	45.000	2	0	0.00%
S12D	CHLB	mg/m3	62	23MAY2006 - 09JAN2007	15	1.067	0.258	<1	<1	<1	<1	2.000	13	0	0.00%
S12D	CHLC	mg/m3	113	23MAY2006 - 09JAN2007	15	1.400	1.056	<1	<1	<1	<1	5.000	12	0	0.00%
S12D	PHEOPHYTIN A	mg/m3	64	23MAY2006 - 09JAN2007	15	1.867	2.066	<1	<1	1.000	2.000	9.000	6	0	0.00%
S34	DO	mg/L	8	10MAY2006 - 09APR2007	13	6.346	1.653	2.050	5.920	6.690	7.310	8.270	0	2	15.38%
S34	FLDCOND.	UMHOS/CM	9	10MAY2006 - 09APR2007	13	759.615	163.431	540.000	625.000	769.000	844.000	1076.000	0	0	0.00%
S34	PH	UNITS	10	10MAY2006 - 09APR2007	13	7.803	0.313	7.300	7.520	7.820	8.100	8.200	0	0	0.00%
S34	TURBIDITY	NTU	12	10MAY2006 - 09APR2007	13	3.008	1.139	0.800	2.600	3.000	3.500	5.600	0	0	0.00%
S34	TSS	mg/L	16	10MAY2006 - 09APR2007	13	3.154	0.555	<3	<3	<3	3.000	5.000	9	0	0.00%
S34	COLOR	UNITS	13	10MAY2006 - 09APR2007	13	53.077	11.391	36.000	48.000	50.000	61.000	73.000	0	0	0.00%
S34	HARDNESS	mg/L CaCO3	35	03JAN2007 - 09APR2007	2	283.650	2.333	282.000	282.000	283.650	285.300	285.300	0	0	0.00%
S34	TEMP	CENT	7	10MAY2006 - 09APR2007	13	25.885	3.384	20.900	23.300	23.800	28.500	32.000	0	0	0.00%
S34	ALKALINITY	mg/L	67	10MAY2006 - 09APR2007	13	222.769	48.582	144.000	185.000	234.000	258.000	295.000	0	0	0.00%
S34	TN	mg N/L	80	10MAY2006 - 09APR2007	13	1.557	0.428	1.130	1.249	1.441	1.649	2.568	0	0	0.00%
S34	NOX	mg N/L	18;180	10MAY2006 - 09APR2007	13	0.040	0.037	<0.004	0.009	0.020	0.071	0.107	2	0	0.00%
S34	NO2	mg N/L	19	10MAY2006 - 09APR2007	13	0.004	0.000	<0.004	<0.004	0.004	0.004	0.005	5	0	0.00%
S34	NO3	mg N/L	78	10MAY2006 - 09APR2007	13	0.037	0.035	<0.004	0.009	0.020	0.066	0.103	2	0	0.00%
S34	NH4	mg N/L	20	10MAY2006 - 09APR2007	13	0.050	0.061	<0.009	0.019	0.028	0.053	0.236	2	0	0.00%
S34	UN-IONIZED AMMONIA	mg/L	NONE	10MAY2006 - 09APR2007	13	0.002	0.001	0.000	0.001	0.002	0.003	0.004	0	0	0.00%
S34	NNH4	mg N/L	92	10MAY2006 - 09APR2007	13	0.089	0.066	<0.009	0.030	0.108	0.120	0.245	2	0	0.00%
S34	ORGN	mg N/L	79	10MAY2006 - 09APR2007	13	1.469	0.418	1.015	1.220	1.331	1.507	2.460	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
S34	TKN	mg N/L	21	10MAY2006 - 09APR2007	13	1.518	0.420	1.110	1.240	1.370	1.560	2.520	0	0	0.00%
S34	OPO4	mg P/L	23	10MAY2006 - 09APR2007	13	0.005	0.006	<0.002	<0.004	<0.004	<0.004	0.024	12	0	0.00%
S34	TP	mg P/L	25	10MAY2006 - 09APR2007	13	0.027	0.009	0.013	0.021	0.024	0.030	0.046	0	0	0.00%
S34	DIS. CA	mg/L	30	03JAN2007 - 09APR2007	2	70.950	13.789	61.200	61.200	70.950	80.700	80.700	0	0	0.00%
S34	DIS. K	mg/L	29	05JUL2006 - 09APR2007	4	6.425	2.454	5.000	5.150	5.300	7.700	10.100	0	0	0.00%
S34	DIS. MG	mg/L	31	03JAN2007 - 09APR2007	2	25.900	7.778	20.400	20.400	25.900	31.400	31.400	0	0	0.00%
S34	DIS. NA	mg/L	28	05JUL2006 - 09APR2007	4	66.150	34.863	37.200	43.450	55.550	88.850	116.300	0	0	0.00%
S34	TOT. CL	mg/L	32	10MAY2006 - 09APR2007	13	88.269	35.941	53.700	61.700	79.600	96.000	170.000	0	0	0.00%
S34	TOT. SO4	mg/L	33	05JUL2006 - 09APR2007	4	22.100	11.423	11.700	12.900	20.200	31.300	36.300	0	0	0.00%
S34	DIS. SILICA	mg/L	27	05JUL2006 - 09APR2007	4	11.775	2.93827	8.63	9.3	11.86	14.25	14.75	0	0	0.00%
S142	DO	mg/L	8	10MAY2006 - 09APR2007	12	4.276	1.587	2.460	3.020	3.775	5.880	6.850	0	8	66.67%
S142	FLDCOND.	UMHOS/CM	9	10MAY2006 - 09APR2007	12	933.833	142.639	656.000	851.000	927.500	#####	1135.000	0	0	0.00%
S142	PH	UNITS	10	10MAY2006 - 09APR2007	12	7.598	0.329	7.000	7.350	7.560	7.850	8.100	0	0	0.00%
S142	TURBIDITY	NTU	12	10MAY2006 - 09APR2007	11	3.327	1.738	1.200	2.000	2.600	4.400	6.300	0	0	0.00%
S142	TSS	mg/L	16	10MAY2006 - 04DEC2006	8	3.250	0.707	<3	<3	<3	0.000	5.000	6	0	0.00%
S142	COLOR	UNITS	13	10MAY2006 - 04DEC2006	8	93.5	30.019	50	71	89.5	122.5	132	0	0	0.00%
S142	HARDNESS	mg/L CaCO3	35	05JUL2006 - 09APR2007	2	347.700	63.215	303.000	303.000	347.700	392.400	392.400	0	0	0.00%
S142	TEMP	CENT	7	10MAY2006 - 09APR2007	12	26.150	3.594	20.700	23.100	25.950	29.250	31.600	0	0	0.00%
S142	ALKALINITY	mg/L	67	10MAY2006 - 04DEC2006	8	245.250	38.254	184.000	211.000	265.500	274.000	277.000	0	0	0.00%
S142	TN	mg N/L	80	10MAY2006 - 09APR2007	12	2.038	0.260	1.495	1.843	2.087	2.204	2.464	0	0	0.00%
S142	NOX	mg N/L	18;180	10MAY2006 - 09APR2007	12	0.087	0.091	0.005	0.018	0.054	0.140	0.264	0	0	0.00%
S142	NO2	mg N/L	19	10MAY2006 - 04DEC2006	8	0.008	0.005	0.004	0.005	0.005	0.011	0.017	0	0	0.00%
S142	NO3	mg N/L	78	10MAY2006 - 04DEC2006	8	0.032	0.027	<0.004	0.009	0.023	0.057	0.073	1	0	0.00%
S142	NH4	mg N/L	20	10MAY2006 - 04DEC2006	8	0.128	0.125	0.022	0.040	0.095	0.170	0.391	0	0	0.00%
S142	UN-IONIZED AMMONIA	mg/L	NONE	10MAY2006 - 09APR2007	8	0.004	0.004	0.001	0.001	0.002	0.007	0.011	0	0	0.00%
S142	NNH4	mg N/L	92	10MAY2006 - 04DEC2006	8	0.167	0.150	0.027	0.054	0.123	0.245	0.467	0	0	0.00%
S142	ORGN	mg N/L	79	10MAY2006 - 04DEC2006	8	1.766	0.291	1.300	1.590	1.753	1.948	2.248	0	0	0.00%
S142	TKN	mg N/L	21	10MAY2006 - 09APR2007	12	1.951	0.231	1.410	1.815	2.020	2.070	2.270	0	0	0.00%
S142	OPO4	mg P/L	23	10MAY2006 - 04DEC2006	8	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.006	7	0	0.00%
S142	TP	mg P/L	25	10MAY2006 - 09APR2007	12	0.025	0.008	0.010	0.019	0.027	0.032	0.036	0	0	0.00%
S142	DIS. CA	mg/L	30	05JUL2006 - 09APR2007	3	92.400	12.474	81.300	81.300	90.000	105.900	105.900	0	0	0.00%
S142	DIS. K	mg/L	29	05JUL2006 - 09APR2007	3	6.133	0.493	5.800	5.800	5.900	6.700	6.700	0	0	0.00%
S142	DIS. MG	mg/L	31	05JUL2006 - 09APR2007	3	27.133	3.516	24.400	24.400	25.900	31.100	31.100	0	0	0.00%
S142	DIS. NA	mg/L	28	05JUL2006 - 09APR2007	3	75.267	15.750	65.000	65.000	67.400	93.400	93.400	0	0	0.00%
S142	TOT. CL	mg/L	32	10MAY2006 - 04DEC2006	8	97.900	17.670	68.600	86.450	98.000	111.850	122.000	0	0	0.00%
S142	TOT. SO4	mg/L	33	05JUL2006 - 09APR2007	4	33.650	14.946	18.200	21.700	32.350	45.600	51.700	0	0	0.00%
S142	DIS. SILICA	mg/L	27	05JUL2006 - 09OCT2006	2	17.820	1.527	16.740	16.740	17.820	18.900	18.900	0	0	0.00%
S11A	DO	mg/L	8	10MAY2006 - 09APR2007	15	6.461	1.737	4.090	4.960	6.580	7.440	9.430	0	4	26.67%
S11A	FLDCOND.	UMHOS/CM	9	10MAY2006 - 09APR2007	15	850.733	142.355	487.000	805.000	859.000	929.000	1074.000	0	0	0.00%
S11A	PH	UNITS	10	10MAY2006 - 09APR2007	15	7.846	0.403	6.820	7.660	7.800	8.200	8.400	0	0	0.00%
S11A	TURBIDITY	NTU	12	10MAY2006 - 09APR2007	15	2.553	2.062	0.800	1.300	1.900	2.600	8.000	0	0	0.00%
S11A	TSS	mg/L	16	10MAY2006 - 09APR2007	15	3.133	0.516	<3	<3	<3	<3	5.000	13	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
S11A	COLOR	UNITS	13	10MAY2006 - 09APR2007	15	84.533	21.293	43.000	73.000	84.000	100.000	130.000	0	0	0.00%
S11A	HARDNESS	mg/L CaCO ₃	35	03JAN2007 - 09APR2007	2	244	31.8198	221.5	221.5	244	266.5	266.5	0	0	0.00%
S11A	TEMP	CENT	7	10MAY2006 - 09APR2007	15	26.947	3.331	21.100	23.600	27.400	30.300	30.800	0	0	0.00%
S11A	ALKALINITY	mg/L	67	10MAY2006 - 09APR2007	15	211.000	33.250	130.000	195.000	211.000	235.000	273.000	0	0	0.00%
S11A	TN	mg N/L	80	10MAY2006 - 09APR2007	15	1.876	0.306	1.271	1.662	1.926	2.011	2.556	0	0	0.00%
S11A	NOX	mg N/L	18;180	10MAY2006 - 09APR2007	14	0.029	0.049	0.006	0.008	0.013	0.021	0.191	0	0	0.00%
S11A	NO2	mg N/L	19	10MAY2006 - 09APR2007	15	0.004	0.001	<0.004	<0.004	0.002	0.005	0.007	6	0	0.00%
S11A	NO3	mg N/L	78	10MAY2006 - 09APR2007	14	0.027	0.047	<0.004	0.006	0.011	0.019	0.184	2	0	0.00%
S11A	NH4	mg N/L	20	10MAY2006 - 09APR2007	15	0.021	0.010	<0.009	0.015	0.017	0.028	0.044	1	0	0.00%
S11A	UNIONIZED AMMONIA	mg/L	NONE	10MAY2006 - 09APR2007	15	0.001	0.001	0.000	0.001	0.001	0.002	0.003	0	0	0.00%
S11A	NNH4	mg N/L	92	10MAY2006 - 09APR2007	14	0.051	0.052	0.009	0.021	0.040	0.056	0.218	0	0	0.00%
S11A	ORGN	mg N/L	79	10MAY2006 - 09APR2007	15	1.828	0.340	1.053	1.606	1.892	1.973	2.503	0	0	0.00%
S11A	TKN	mg N/L	21	10MAY2006 - 09APR2007	15	1.849	0.339	1.080	1.650	1.920	1.990	2.540	0	0	0.00%
S11A	OPO4	mg P/L	23	10MAY2006 - 09APR2007	15	0.005	0.004	<0.002	<0.004	<0.004	<0.004	0.018	14	0	0.00%
S11A	TP	mg P/L	25	10MAY2006 - 09APR2007	15	0.018	0.012	0.007	0.010	0.012	0.023	0.051	0	0	0.00%
S11A	DIS. CA	mg/L	30	03JAN2007 - 09APR2007	2	54.950	1.909	53.600	53.600	54.950	56.300	56.300	0	0	0.00%
S11A	DIS. K	mg/L	29	05JUL2006 - 09APR2007	4	7.925	1.611	6.400	6.950	7.550	8.900	10.200	0	0	0.00%
S11A	DIS. MG	mg/L	31	03JAN2007 - 09APR2007	2	25.950	6.576	21.300	21.300	25.950	30.600	30.600	0	0	0.00%
S11A	DIS. NA	mg/L	28	05JUL2006 - 09APR2007	4	76.550	30.172	44.300	54.600	73.100	98.500	115.700	0	0	0.00%
S11A	TOT. CL	mg/L	32	10MAY2006 - 09APR2007	15	108.160	30.211	48.000	93.400	107.000	127.000	172.000	0	0	0.00%
S11A	TOT. SO4	mg/L	33	05JUL2006 - 09APR2007	4	39.150	12.773	27.900	31.400	35.600	46.900	57.500	0	0	0.00%
S11A	DIS. SILICA	mg/L	27	05JUL2006 - 09APR2007	4	14.678	4.948	7.770	11.640	15.705	17.715	19.530	0	0	0.00%
S145	DO	mg/L	8	10MAY2006 - 09APR2007	17	4.412	1.469	1.840	3.510	4.170	5.370	6.500	0	10	58.82%
S145	FLDCOND.	UMHOS/CM	9	10MAY2006 - 09APR2007	17	824.471	140.843	611.000	724.000	892.000	925.000	1078.000	0	0	0.00%
S145	PH	UNITS	10	10MAY2006 - 09APR2007	17	7.544	0.253	7.090	7.340	7.600	7.700	8.000	0	0	0.00%
S145	TURBIDITY	NTU	12	10MAY2006 - 09APR2007	17	2.106	1.201	0.400	1.100	1.800	2.700	4.700	0	0	0.00%
S145	TSS	mg/L	16	10MAY2006 - 09APR2007	17	3.176	0.529	<3	<3	<3	<3	5.000	15	0	0.00%
S145	COLOR	UNITS	13	10MAY2006 - 09APR2007	17	88.471	16.670	52.000	76.000	91.000	104.000	114.000	0	0	0.00%
S145	HARDNESS	mg/L CaCO ₃	35	03JAN2007 - 09APR2007	2	224.800	38.891	197.300	197.300	224.800	252.300	252.300	0	0	0.00%
S145	TEMP	CENT	7	10MAY2006 - 09APR2007	17	26.994	3.255	20.600	24.100	27.800	29.500	32.000	0	0	0.00%
S145	ALKALINITY	mg/L	67	10MAY2006 - 09APR2007	17	196.118	26.923	150.000	173.000	203.000	219.000	233.000	0	0	0.00%
S145	TN	mg N/L	80	22MAY2006 - 09APR2007	16	1.905	0.352	1.320	1.620	1.903	2.136	2.805	0	0	0.00%
S145	NOX	mg N/L	18;180	22MAY2006 - 09APR2007	15	0.015	0.010	<0.004	0.008	0.011	0.024	0.033	1	0	0.00%
S145	NO2	mg N/L	19	10MAY2006 - 09APR2007	17	0.004	0.001	<0.004	<0.004	0.004	0.004	0.006	6	0	0.00%
S145	NO3	mg N/L	78	22MAY2006 - 09APR2007	15	0.013	0.009	<0.004	0.006	0.011	0.022	0.029	3	0	0.00%
S145	NH4	mg N/L	20	22MAY2006 - 09APR2007	16	0.025	0.013	0.011	0.017	0.022	0.026	0.066	0	0	0.00%
S145	UNIONIZED AMMONIA	mg/L	NONE	10MAY2006 - 09APR2007	16	0.001	0.000	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
S145	NNH4	mg N/L	92	22MAY2006 - 09APR2007	15	0.040	0.018	0.015	0.026	0.039	0.053	0.081	0	0	0.00%
S145	ORGN	mg N/L	79	22MAY2006 - 09APR2007	16	1.866563	0.34426	1.303	1.595	1.847	2.105	2.724	0	0	0.00%
S145	TKN	mg N/L	21	22MAY2006 - 09APR2007	16	1.891	0.351	1.320	1.610	1.875	2.125	2.790	0	0	0.00%
S145	OPO4	mg P/L	23	10MAY2006 - 09APR2007	17	0.004	0.001	<0.002	<0.004	<0.004	<0.004	0.005	14	0	0.00%
S145	TP	mg P/L	25	22MAY2006 - 09APR2007	16	0.016	0.008	0.008	0.011	0.013	0.020	0.032	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	DIS. CA	mg/L	30	03JAN2007 - 09APR2007	2	53.800	3.111	51.600	51.600	53.800	56.000	56.000	0	0	0.00%
S145	DIS. K	mg/L	29	05JUL2006 - 09APR2007	4	7.725	1.846	6.200	6.400	7.200	9.050	10.300	0	0	0.00%
S145	DIS. MG	mg/L	31	03JAN2007 - 09APR2007	2	21.950	7.566	16.600	16.600	21.950	27.300	27.300	0	0	0.00%
S145	DIS. NA	mg/L	28	05JUL2006 - 09APR2007	4	90.650	23.941	69.800	76.000	83.850	105.300	125.100	0	0	0.00%
S145	TOT. CL	mg/L	32	10MAY2006 - 09APR2007	17	109.724	31.676	71.100	82.000	110.600	124.000	186.000	0	0	0.00%
S145	TOT. SO4	mg/L	33	05JUL2006 - 09APR2007	4	32.975	11.095	21.100	23.550	33.700	42.400	43.400	0	0	0.00%
S145	DIS. SILICA	mg/L	27	05JUL2006 - 09APR2007	4	15.590	7.960	7.000	9.305	15.105	21.875	25.150	0	0	0.00%
S151	DO	mg/L	8	10MAY2006 - 09APR2007	14	3.809	1.489	1.550	2.620	3.685	4.760	6.830	0	11	78.57%
S151	FLDCOND.	UMHOS/CM	9	10MAY2006 - 09APR2007	15	800.467	59.298	686.000	757.000	808.000	844.000	880.000	0	0	0.00%
S151	PH	UNITS	10	10MAY2006 - 09APR2007	15	7.382	0.286	6.800	7.230	7.400	7.580	7.900	0	0	0.00%
S151	TURBIDITY	NTU	12	10MAY2006 - 09APR2007	15	2.553	1.143	1.000	1.500	2.200	2.900	4.900	0	0	0.00%
S151	TSS	mg/L	16	10MAY2006 - 09APR2007	15	3.267	0.594	<3	<3	<3	3.000	5.000	11	0	0.00%
S151	COLOR	UNITS	13	10MAY2006 - 09APR2007	15	72.467	23.555	46.000	53.000	61.000	97.000	106.000	0	0	0.00%
S151	HARDNESS	mg/L CaCO3	35	03JAN2007 - 09APR2007	2	274.050	44.760	242.400	242.400	274.050	305.700	305.700	0	0	0.00%
S151	TEMP	CENT	7	10MAY2006 - 09APR2007	15	26.613	3.242	20.800	23.500	27.800	29.500	31.000	0	0	0.00%
S151	ALKALINITY	mg/L	67	10MAY2006 - 09APR2007	15	243.800	25.719	201.000	222.000	241.000	271.000	280.000	0	0	0.00%
S151	TN	mg N/L	80	10MAY2006 - 09APR2007	15	1.874	0.615	1.460	1.636	1.748	1.864	4.031	0	0	0.00%
S151	NOX	mg N/L	18;180	10MAY2006 - 09APR2007	15	0.081	0.055	0.016	0.024	0.077	0.121	0.176	0	0	0.00%
S151	NO2	mg N/L	19	10MAY2006 - 09APR2007	15	0.007	0.003	0.004	0.004	0.005	0.010	0.015	0	0	0.00%
S151	NO3	mg N/L	78	10MAY2006 - 09APR2007	15	0.074	0.053	0.012	0.019	0.073	0.112	0.170	0	0	0.00%
S151	NH4	mg N/L	20	10MAY2006 - 09APR2007	15	0.114	0.082	0.035	0.051	0.096	0.123	0.312	0	0	0.00%
S151	UNIONIZED AMMONIA	mg/L	NONE	10MAY2006 - 09APR2007	15	0.002	0.002	0.000	0.001	0.002	0.003	0.005	0	0	0.00%
S151	NNH4	mg N/L	92	10MAY2006 - 09APR2007	15	0.195	0.125	0.051	0.088	0.184	0.230	0.472	0	0	0.00%
S151	ORGN	mg N/L	79	10MAY2006 - 09APR2007	15	1.679	0.622	1.302	1.330	1.512	1.742	3.814	0	0	0.00%
S151	TKN	mg N/L	21	10MAY2006 - 09APR2007	15	1.793333	0.61138	1.35	1.46	1.63	1.81	3.91	0	0	0.00%
S151	OPO4	mg P/L	23	10MAY2006 - 09APR2007	15	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.002	14	0	0.00%
S151	TP	mg P/L	25	10MAY2006 - 09APR2007	15	0.017	0.007	0.010	0.011	0.016	0.022	0.031	0	0	0.00%
S151	DIS. CA	mg/L	30	03JAN2007 - 09APR2007	2	89.400	12.728	80.400	80.400	89.400	98.400	98.400	0	0	0.00%
S151	DIS. K	mg/L	29	05JUL2006 - 09APR2007	4	4.775	1.367	3.800	3.800	4.300	5.750	6.700	0	0	0.00%
S151	DIS. MG	mg/L	31	03JAN2007 - 09APR2007	2	12.350	3.182	10.100	10.100	12.350	14.600	14.600	0	0	0.00%
S151	DIS. NA	mg/L	28	05JUL2006 - 09APR2007	4	54.575	10.424	44.500	47.200	52.500	61.950	68.800	0	0	0.00%
S151	TOT. CL	mg/L	32	10MAY2006 - 09APR2007	15	87.960	10.438	69.900	78.600	90.800	98.300	101.000	0	0	0.00%
S151	TOT. SO4	mg/L	33	05JUL2006 - 09APR2007	4	14.900	17.483	5.100	5.850	6.700	23.950	41.100	0	0	0.00%
S151	DIS. SILICA	mg/L	27	05JUL2006 - 09APR2007	4	11.298	4.826	7.410	7.700	9.945	14.895	17.890	0	0	0.00%
S151	TOT. ULTRA TRACE HG	ug/L	207	01MAY2006 - 12FEB2007	4	0.001	0.000	0.001	0.001	0.001	0.001	0.002	0	0	0.00%
S151	TOT. MTHY HG	ug/L	203	01MAY2006 - 12FEB2007	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S333	DO	mg/L	8	02MAY2006 - 24APR2007	50	3.798	1.543	1.530	2.480	3.785	4.760	7.840	0	39	78.00%
S333	FLDCOND.	UMHOS/CM	9	02MAY2006 - 24APR2007	50	501.440	171.584	213.000	350.000	454.500	687.000	833.000	0	0	0.00%
S333	PH	UNITS	10	02MAY2006 - 24APR2007	52	7.394	0.152	7.040	7.300	7.400	7.500	7.700	0	0	0.00%
S333	TURBIDITY	NTU	12	02MAY2006 - 03APR2007	19	2.042	1.676	0.600	0.900	1.400	2.200	6.900	0	0	0.00%
S333	TSS	mg/L	16	02MAY2006 - 03APR2007	19	3.474	1.264	<3	<3	<3	<3	7.000	16	0	0.00%
S333	COLOR	UNITS	13	02MAY2006 - 03APR2007	19	49.947	25.012	21.000	28.000	38.000	73.000	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
S333	HARDNESS	mg/L CaCO ₃	35	02MAY2006 - 03APR2007	15	170.307	51.593	82.800	134.200	160.600	224.000	255.000	0	0	0.00%
S333	TEMP	CENT	7	02MAY2006 - 24APR2007	52	25.637	3.749	18.900	22.350	25.150	29.100	31.000	0	0	0.00%
S333	ALKALINITY	mg/L	67	02MAY2006 - 03APR2007	19	176.737	38.502	114.000	138.000	179.000	210.000	237.000	0	0	0.00%
S333	TN	mg N/L	80	02MAY2006 - 24APR2007	51	1.316	0.315	0.798	0.970	1.368	1.560	1.952	0	0	0.00%
S333	NOX	mg N/L	18;180	16MAY2006 - 24APR2007	41	0.048	0.031	<0.004	0.020	0.042	0.073	0.125	1	0	0.00%
S333	NO2	mg N/L	19	02MAY2006 - 03APR2007	19	0.004	0.002	<0.004	<0.004	0.002	0.004	0.010	9	0	0.00%
S333	NO3	mg N/L	78	13JUN2006 - 03APR2007	17	0.047	0.034	<0.004	0.014	0.040	0.070	0.121	1	0	0.00%
S333	NH4	mg N/L	20	02MAY2006 - 24APR2007	50	0.056	0.054	0.008	0.021	0.037	0.062	0.261	0	0	0.00%
S333	UN-IONIZED AMMONIA	mg/L	NONE	02MAY2006 - 24APR2007	50	0.001	0.001	0.000	0.000	0.001	0.001	0.006	0	0	0.00%
S333	NNH4	mg N/L	92	16MAY2006 - 24APR2007	40	0.100	0.072	0.010	0.041	0.088	0.128	0.352	0	0	0.00%
S333	ORGN	mg N/L	79	02MAY2006 - 24APR2007	50	1.224	0.289	0.758	0.935	1.236	1.432	1.881	0	0	0.00%
S333	TKN	mg N/L	21	02MAY2006 - 24APR2007	51	1.277	0.299	0.780	0.950	1.320	1.470	1.910	0	0	0.00%
S333	OPO4	mg P/L	23	02MAY2006 - 03APR2007	18	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.004	15	0	0.00%
S333	ALKALINE PHOS	nM/minml	168	02MAY2006 - 20MAR2007	15	6.066667	3.12745	3	4	5	8	13	0	0	0.00%
S333	TP	mg P/L	25	02MAY2006 - 24APR2007	50	0.015	0.006	0.007	0.009	0.013	0.019	0.028	0	0	0.00%
S333	DIS. CA	mg/L	30	02MAY2006 - 03APR2007	21	56.790	11.401	29.300	48.200	56.600	67.700	73.400	0	0	0.00%
S333	DIS. K	mg/L	29	02MAY2006 - 03APR2007	20	3.170	1.714	1.100	1.400	2.900	4.650	6.200	0	0	0.00%
S333	DIS. MG	mg/L	31	02MAY2006 - 03APR2007	21	9.710	6.014	2.400	4.500	6.200	14.900	20.800	0	0	0.00%
S333	DIS. NA	mg/L	28	02MAY2006 - 03APR2007	20	34.825	17.968	14.100	17.150	31.300	51.550	70.900	0	0	0.00%
S333	TOT. CL	mg/L	32	02MAY2006 - 03APR2007	19	53.142	26.726	20.700	25.600	54.400	78.500	103.000	0	0	0.00%
S333	TOT. SO4	mg/L	33	11JUL2006 - 03APR2007	6	7.717	9.508	<0.1	0.300	3.600	16.200	22.500	1	0	0.00%
S333	DIS. SILICA	mg/L	27	11JUL2006 - 03APR2007	6	6.607	4.314	2.740	3.030	5.290	10.390	12.900	0	0	0.00%
S333	TOT. FE	mg/L	177	11JUL2006 - 03APR2007	5	0.131	0.116	0.058	0.064	0.078	0.122	0.334	0	0	0.00%
S333	TOT. CD	ug/L	103	27JUL2006 - 18JAN2007	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S333	TOT. CU	ug/L	104	27JUL2006 - 18JAN2007	2	1.600	0.566	<1.2	<1.2	<2	<1.6	<2	2	0	0.00%
S333	TOT. ZN	ug/L	105	27JUL2006 - 18JAN2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S333	CAROTENOID	mg/m3	63	03OCT2006 - 03APR2007	13	1.885	1.898	<1	<1	1.000	2.000	7.600	6	0	0.00%
S333	CHLA	mg/m3	61	02MAY2006 - 03APR2007	19	2.947	2.094	<1	2.000	2.000	4.000	9.000	2	0	0.00%
S333	CHLA2	mg/m3	112	02MAY2006 - 03APR2007	19	2.842	2.167	<1	1.000	2.000	4.000	9.000	2	0	0.00%
S333	CHLB	mg/m3	62	02MAY2006 - 03APR2007	19	1.263	0.733	<1	<1	<1	<1	4.000	15	0	0.00%
S333	CHLC	mg/m3	113	02MAY2006 - 03APR2007	19	1.684	1.635	<1	<1	<1	2.000	8.000	10	0	0.00%
S333	PHEOPHYTIN A	mg/m3	64	02MAY2006 - 03APR2007	19	1.263	0.733	<1	<1	<1	<1	4.000	15	0	0.00%
S333Auto	TN	mg N/L	80	02MAY2006 - 24APR2007	345	1.331397	0.33376	0.703	1.108	1.34	1.585	2.506	0	0	0.00%
S333Auto	NOX	mg N/L	18;180	02MAY2006 - 24APR2007	298	0.042	0.025	<0.006	0.020	0.036	0.060	0.139	9	0	0.00%
S333Auto	TKN	mg N/L	21	02MAY2006 - 24APR2007	345	1.296	0.321	0.690	1.070	1.290	1.540	2.430	0	0	0.00%
S333Auto	TP	mg P/L	25	02MAY2006 - 24APR2007	345	0.017	0.007	0.007	0.010	0.016	0.020	0.071	0	0	0.00%
C123SR84	DO	mg/L	8	09MAY2006 - 10APR2007	15	4.939	2.235	1.440	2.850	4.830	7.140	8.030	0	8	53.33%
C123SR84	FLDCOND.	UMHOS/CM	9	09MAY2006 - 10APR2007	15	736.000	114.935	533.000	650.000	724.000	788.000	933.000	0	0	0.00%
C123SR84	PH	UNITS	10	09MAY2006 - 10APR2007	15	7.587	0.220	7.280	7.400	7.600	7.800	8.000	0	0	0.00%
C123SR84	TURBIDITY	NTU	12	09MAY2006 - 10APR2007	14	3.729	2.672	1.300	1.700	2.850	5.400	11.000	0	0	0.00%
C123SR84	TSS	mg/L	16	09MAY2006 - 10APR2007	14	4.500	2.066	<3	<3	<3	6.000	9.000	8	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
C123SR84	COLOR	UNITS	13	09MAY2006 - 10APR2007	14	64.571	25.740	38.000	42.000	57.000	75.000	118.000	0	0	0.00%
C123SR84	HARDNESS	mg/L CaCO3	35	02JAN2007 - 10APR2007	2	319.050	64.983	273.100	273.100	319.050	365.000	365.000	0	0	0.00%
C123SR84	TEMP	CENT	7	09MAY2006 - 10APR2007	15	25.707	3.321	21.000	22.500	26.200	28.900	30.000	0	0	0.00%
C123SR84	ALKALINITY	mg/L	67	09MAY2006 - 10APR2007	14	255.143	58.721	168.000	207.000	246.000	277.000	352.000	0	0	0.00%
C123SR84	TN	mg N/L	80	09MAY2006 - 10APR2007	15	1.537	0.188	1.200	1.400	1.566	1.649	1.860	0	0	0.00%
C123SR84	NOX	mg N/L	18:180	09MAY2006 - 10APR2007	14	0.038	0.063	<0.004	<0.004	0.010	0.028	0.216	4	0	0.00%
C123SR84	NO2	mg N/L	19	09MAY2006 - 10APR2007	14	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.011	8	0	0.00%
C123SR84	NO3	mg N/L	78	09MAY2006 - 10APR2007	14	0.036	0.060	<0.004	<0.004	0.007	0.028	0.205	4	0	0.00%
C123SR84	NH4	mg N/L	20	09MAY2006 - 10APR2007	14	0.031	0.025	<0.009	0.009	0.027	0.049	0.094	2	0	0.00%
C123SR84	UN-IONIZED AMMONIA	mg/L	NONE	09MAY2006 - 10APR2007	14	0.001	0.001	0.000	0.000	0.001	0.001	0.002	0	0	0.00%
C123SR84	NNH4	mg N/L	92	09MAY2006 - 10APR2007	14	0.068	0.086	<0.009	0.016	0.032	0.079	0.310	1	0	0.00%
C123SR84	ORGN	mg N/L	79	09MAY2006 - 10APR2007	14	1.479	0.174	1.170	1.469	1.515	1.531	1.851	0	0	0.00%
C123SR84	TKN	mg N/L	21	09MAY2006 - 10APR2007	15	1.502	0.166	1.200	1.400	1.530	1.570	1.860	0	0	0.00%
C123SR84	OPO4	mg P/L	23	09MAY2006 - 10APR2007	14	0.006	0.004	<0.004	<0.004	0.002	0.007	0.014	6	0	0.00%
C123SR84	TP	mg P/L	25	09MAY2006 - 10APR2007	15	0.032	0.013	0.016	0.017	0.035	0.040	0.059	0	0	0.00%
C123SR84	DIS. CA	mg/L	30	02JAN2007 - 10APR2007	2	107.400	22.769	91.300	91.300	107.400	123.500	123.500	0	0	0.00%
C123SR84	DIS. K	mg/L	29	06JUL2006 - 10APR2007	4	4.475	1.187	3.200	3.500	4.450	5.450	5.800	0	0	0.00%
C123SR84	DIS. MG	mg/L	31	02JAN2007 - 10APR2007	2	12.400	1.980	11.000	11.000	12.400	13.800	13.800	0	0	0.00%
C123SR84	DIS. NA	mg/L	28	06JUL2006 - 10APR2007	4	46.350	6.504	37.900	41.900	46.950	50.800	53.600	0	0	0.00%
C123SR84	TOT. CL	mg/L	32	09MAY2006 - 10APR2007	14	68.543	9.887	52.800	60.100	69.200	75.700	83.100	0	0	0.00%
C123SR84	TOT. SO4	mg/L	33	06JUL2006 - 10APR2007	4	13.975	5.695	7.000	9.450	14.550	18.500	19.800	0	0	0.00%
C123SR84	DIS. SILICA	mg/L	27	06JUL2006 - 10APR2007	4	7.148	5.238	1.200	3.575	6.755	10.720	13.880	0	0	0.00%
G94B	DO	mg/L	8	08MAY2006 - 10APR2007	12	4.512	1.648	1.750	3.370	4.795	5.200	7.340	0	9	75.00%
G94B	FLDCOND.	UMHOS/CM	9	08MAY2006 - 10APR2007	12	508.933	211.240	211.000	302.000	602.600	678.500	757.000	0	0	0.00%
G94B	PH	UNITS	10	08MAY2006 - 10APR2007	12	7.148	0.279	6.600	7.000	7.235	7.290	7.570	0	0	0.00%
G94B	TURBIDITY	NTU	12	08MAY2006 - 10APR2007	12	3.017	1.767	1.200	1.600	2.600	3.900	6.800	0	0	0.00%
G94B	TSS	mg/L	16	08MAY2006 - 10APR2007	12	4.500	2.276	<3	<3	0.000	6.000	10.000	6	0	0.00%
G94B	COLOR	UNITS	13	08MAY2006 - 10APR2007	12	79.000	16.487	59.000	68.000	76.000	87.000	118.000	0	0	0.00%
G94B	HARDNESS	mg/L CaCO3	35	05JUN2006 - 12MAR2007	4	135.000	84.096	59.100	63.000	129.450	207.000	222.000	0	0	0.00%
G94B	TEMP	CENT	7	08MAY2006 - 10APR2007	12	25.717	3.764	19.900	22.750	26.450	29.100	30.000	0	0	0.00%
G94B	ALKALINITY	mg/L	67	08MAY2006 - 10APR2007	12	130.167	49.420	55.000	82.000	151.500	162.500	197.000	0	0	0.00%
G94B	TN	mg N/L	80	08MAY2006 - 10APR2007	12	1.392	0.442	0.880	0.955	1.444	1.682	2.314	0	0	0.00%
G94B	NOX	mg N/L	18:180	08MAY2006 - 10APR2007	11	0.010	0.012	<0.004	<0.004	0.007	0.010	0.043	4	0	0.00%
G94B	NO2	mg N/L	19	08MAY2006 - 10APR2007	12	0.005	0.003	<0.0005	<0.004	<0.004	0.005	0.013	6	0	0.00%
G94B	NO3	mg N/L	78	08MAY2006 - 10APR2007	11	0.008	0.008	<0.004	<0.004	<0.004	0.010	0.030	6	0	0.00%
G94B	NH4	mg N/L	20	08MAY2006 - 10APR2007	12	0.026	0.030	<0.005	0.010	0.012	0.032	0.109	1	0	0.00%
G94B	UN-IONIZED AMMONIA	mg/L	NONE	08MAY2006 - 10APR2007	12	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0	0	0.00%
G94B	NNH4	mg N/L	92	08MAY2006 - 10APR2007	11	0.037	0.042	0.011	0.016	0.018	0.040	0.152	0	0	0.00%
G94B	ORGN	mg N/L	79	08MAY2006 - 10APR2007	12	1.358	0.433	0.847	0.927	1.427	1.600	2.298	0	0	0.00%
G94B	TKN	mg N/L	21	08MAY2006 - 10APR2007	12	1.384	0.439	0.880	0.945	1.440	1.660	2.310	0	0	0.00%
G94B	OPO4	mg P/L	23	08MAY2006 - 10APR2007	12	0.013	0.016	<0.004	0.003	0.009	0.013	0.058	2	0	0.00%
G94B	TP	mg P/L	25	08MAY2006 - 10APR2007	12	0.050917	0.03056	0.02	0.0295	0.04	0.065	0.115	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
G94B	DIS. CA	mg/L	30	05JUN2006 - 12MAR2007	4	41.800	26.367	17.600	19.000	41.950	64.600	65.700	0	0	0.00%
G94B	DIS. K	mg/L	29	05JUN2006 - 12MAR2007	4	3.775	2.164	1.500	1.950	3.800	5.600	6.000	0	0	0.00%
G94B	DIS. MG	mg/L	31	05JUN2006 - 12MAR2007	4	7.400	4.826	3.700	3.800	5.950	11.000	14.000	0	0	0.00%
G94B	DIS. NA	mg/L	28	05JUN2006 - 12MAR2007	4	34.050	17.717	18.900	18.950	32.150	49.150	53.000	0	0	0.00%
G94B	TOT. CL	mg/L	32	08MAY2006 - 10APR2007	12	65.825	29.396	28.100	37.100	73.400	89.000	115.000	0	0	0.00%
G94B	TOT. SO4	mg/L	33	05JUN2006 - 12MAR2007	4	16.400	17.291	2.500	2.550	12.400	30.250	38.300	0	0	0.00%
G94B	DIS. SILICA	mg/L	27	05JUN2006 - 12MAR2007	4	6.475	5.248	2.860	3.015	4.470	9.935	14.100	0	0	0.00%
G94B	TOT. FE	mg/L	177	18DEC2006 - 12MAR2007	2	0.057	0.014	0.047	0.047	0.057	0.067	0.067	0	0	0.00%
S31	DO	mg/L	8	10MAY2006 - 09APR2007	11	3.842	1.425	1.990	2.660	3.640	5.700	5.800	0	8	72.73%
S31	FLDCOND.	UMHOS/CM	9	10MAY2006 - 09APR2007	12	750.583	64.203	658.000	715.000	742.000	786.500	865.000	0	0	0.00%
S31	PH	UNITS	10	10MAY2006 - 09APR2007	12	7.488	0.283	7.010	7.300	7.450	7.725	8.000	0	0	0.00%
S31	TURBIDITY	NTU	12	10MAY2006 - 09APR2007	12	2.525	1.65262	0.8	1.2	2.3	3.15	6.2	0	0	0.00%
S31	TSS	mg/L	16	10MAY2006 - 09APR2007	12	3.333	0.651	<3	<3	0.500	5.000	9	0	0	0.00%
S31	COLOR	UNITS	13	10MAY2006 - 09APR2007	12	55.833	19.967	41.000	46.000	48.500	53.000	103.000	0	0	0.00%
S31	HARDNESS	mg/L CaCO3	35	03JAN2007 - 09APR2007	2	266.700	15.981	255.400	255.400	266.700	278.000	278.000	0	0	0.00%
S31	TEMP	CENT	7	10MAY2006 - 09APR2007	12	25.975	2.931	21.700	23.400	25.650	28.750	30.100	0	0	0.00%
S31	ALKALINITY	mg/L	67	10MAY2006 - 09APR2007	12	252.333	15.352	229.000	240.500	250.000	263.500	281.000	0	0	0.00%
S31	TN	mg N/L	80	10MAY2006 - 09APR2007	12	1.371	0.250	1.126	1.188	1.281	1.532	1.828	0	0	0.00%
S31	NOX	mg N/L	18,180	10MAY2006 - 09APR2007	12	0.041	0.025	0.015	0.021	0.028	0.067	0.079	0	0	0.00%
S31	NO2	mg N/L	19	10MAY2006 - 09APR2007	12	0.005	0.002	<0.004	<0.004	0.004	0.004	0.011	4	0	0.00%
S31	NO3	mg N/L	78	10MAY2006 - 09APR2007	12	0.037	0.023	0.015	0.019	0.025	0.061	0.073	0	0	0.00%
S31	NH4	mg N/L	20	10MAY2006 - 09APR2007	12	0.106	0.056	0.025	0.067	0.096	0.138	0.207	0	0	0.00%
S31	UNIONIZED AMMONIA	mg/L	NONE	10MAY2006 - 09APR2007	12	0.003	0.002	0.000	0.001	0.002	0.004	0.006	0	0	0.00%
S31	NNH4	mg N/L	92	10MAY2006 - 09APR2007	12	0.147	0.068	0.040	0.089	0.145	0.197	0.265	0	0	0.00%
S31	ORGN	mg N/L	79	10MAY2006 - 09APR2007	12	1.224	0.254	0.953	1.062	1.115	1.360	1.722	0	0	0.00%
S31	TKN	mg N/L	21	10MAY2006 - 09APR2007	12	1.330	0.248	1.110	1.160	1.235	1.480	1.800	0	0	0.00%
S31	OPO4	mg P/L	23	10MAY2006 - 09APR2007	12	0.004	0.001	<0.003	<0.004	<0.004	<0.004	0.002	11	0	0.00%
S31	TP	mg P/L	25	10MAY2006 - 09APR2007	12	0.013	0.004	0.009	0.011	0.013	0.015	0.024	0	0	0.00%
S31	DIS. CA	mg/L	30	03JAN2007 - 09APR2007	2	82.700	5.657	78.700	78.700	82.700	86.700	86.700	0	0	0.00%
S31	DIS. K	mg/L	29	05JUL2006 - 09APR2007	4	4.575	1.367	3.600	3.800	4.050	5.350	6.600	0	0	0.00%
S31	DIS. MG	mg/L	31	03JAN2007 - 09APR2007	2	14.600	0.424	14.300	14.300	14.600	14.900	14.900	0	0	0.00%
S31	DIS. NA	mg/L	28	05JUL2006 - 09APR2007	4	53.625	11.221	44.600	46.900	49.950	60.350	70.000	0	0	0.00%
S31	TOT. CL	mg/L	32	10MAY2006 - 09APR2007	12	76.217	11.868	59.900	68.000	75.700	79.450	100.600	0	0	0.00%
S31	TOT. SO4	mg/L	33	05JUL2006 - 09APR2007	4	14.375	16.875	4.000	5.350	6.950	23.400	39.600	0	0	0.00%
S31	DIS. SILICA	mg/L	27	05JUL2006 - 09APR2007	4	12.315	4.133	9.360	9.860	10.740	14.770	18.420	0	0	0.00%
S38	DO	mg/L	8	10MAY2006 - 23APR2007	19	3.625	0.839	2.080	3.100	3.310	4.470	4.910	0	19	100.00%
S38	FLDCOND.	UMHOS/CM	9	10MAY2006 - 23APR2007	19	737.642	206.645	7.200	691.000	748.000	817.000	1009.000	0	0	0.00%
S38	PH	UNITS	10	10MAY2006 - 23APR2007	19	7.506	0.202	7.050	7.400	7.500	7.600	7.820	0	0	0.00%
S38	TURBIDITY	NTU	12	10MAY2006 - 23APR2007	19	1.553	0.974	0.700	0.700	1.100	2.000	3.700	0	0	0.00%
S38	TSS	mg/L	16	10MAY2006 - 23APR2007	19	3.105	0.315	<3	<3	<3	<3	4.000	17	0	0.00%
S38	COLOR	UNITS	13	10MAY2006 - 23APR2007	19	84.211	18.952	50.000	72.000	79.000	91.000	130.000	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
S38	HARDNESS	mg/L CaCO ₃	35	03JAN2007 - 09APR2007	2	212.200	32.527	189.200	189.200	212.200	235.200	235.200	0	0	0.00%
S38	TEMP	CENT	7	10MAY2006 - 23APR2007	19	24.653	4.024	19.000	22.300	23.000	28.800	33.600	0	0	0.00%
S38	ALKALINITY	mg/L	67	10MAY2006 - 23APR2007	19	187.789	18.719	163.000	172.000	184.000	199.000	238.000	0	0	0.00%
S38	TN	mg N/L	80	10MAY2006 - 23APR2007	19	1.746789	0.36678	1.24	1.546	1.7	1.835	2.627	0	0	0.00%
S38	NOX	mg N/L	18;180	10MAY2006 - 23APR2007	18	0.030	0.048	<0.004	0.009	0.012	0.035	0.210	1	0	0.00%
S38	NO2	mg N/L	19	10MAY2006 - 23APR2007	19	0.005	0.003	<0.004	<0.004	0.004	0.005	0.016	6	0	0.00%
S38	NO3	mg N/L	78	10MAY2006 - 23APR2007	18	0.026	0.044	<0.004	0.005	0.012	0.031	0.194	3	0	0.00%
S38	NH4	mg N/L	20	10MAY2006 - 23APR2007	19	0.042	0.052	<0.009	0.016	0.022	0.038	0.207	1	0	0.00%
S38	UN-IONIZED AMMONIA	mg/L	NONE	10MAY2006 - 23APR2007	19	0.001	0.001	0.000	0.000	0.000	0.001	0.005	0	0	0.00%
S38	NNH4	mg N/L	92	10MAY2006 - 23APR2007	18	0.073	0.084	0.011	0.028	0.035	0.063	0.269	0	0	0.00%
S38	ORGN	mg N/L	79	10MAY2006 - 23APR2007	19	1.677	0.320	1.227	1.378	1.668	1.788	2.393	0	0	0.00%
S38	TKN	mg N/L	21	10MAY2006 - 23APR2007	19	1.719	0.361	1.240	1.400	1.680	1.810	2.570	0	0	0.00%
S38	OPO4	mg P/L	23	10MAY2006 - 23APR2007	19	0.005	0.004	<0.002	<0.004	<0.004	<0.004	0.021	15	0	0.00%
S38	TP	mg P/L	25	10MAY2006 - 23APR2007	19	0.018	0.013	0.007	0.009	0.011	0.024	0.050	0	0	0.00%
S38	DIS. CA	mg/L	30	03JAN2007 - 09APR2007	2	54.300	2.687	52.400	52.400	54.300	56.200	56.200	0	0	0.00%
S38	DIS. K	mg/L	29	05JUL2006 - 09APR2007	4	6.850	1.634	5.500	5.500	6.550	8.200	8.800	0	0	0.00%
S38	DIS. MG	mg/L	31	03JAN2007 - 09APR2007	2	18.600	6.223	14.200	14.200	18.600	23.000	23.000	0	0	0.00%
S38	DIS. NA	mg/L	28	05JUL2006 - 09APR2007	4	77.875	28.306	50.300	53.850	76.700	101.900	107.800	0	0	0.00%
S38	TOT. CL	mg/L	32	10MAY2006 - 23APR2007	19	106.263	26.315	71.600	86.800	99.600	111.000	165.000	0	0	0.00%
S38	TOT. SO4	mg/L	33	05JUL2006 - 09APR2007	4	24.325	8.906	15.900	17.150	23.050	31.500	35.300	0	0	0.00%
S38	DIS. SILICA	mg/L	27	05JUL2006 - 09APR2007	4	11.373	3.492	6.310	9.305	12.430	13.440	14.320	0	0	0.00%
S39	DO	mg/L	8	08MAY2006 - 10APR2007	16	6.463	1.735	2.660	5.300	6.500	7.815	8.550	0	4	25.00%
S39	FLDCOND.	UMHOS/CM	9	08MAY2006 - 10APR2007	16	514.638	222.353	203.000	300.500	505.000	711.500	829.000	0	0	0.00%
S39	PH	UNITS	10	08MAY2006 - 10APR2007	16	7.495	0.302	6.900	7.285	7.525	7.730	8.000	0	0	0.00%
S39	TURBIDITY	NTU	12	08MAY2006 - 10APR2007	16	2.556	0.808	1.400	2.000	2.550	2.900	4.500	0	0	0.00%
S39	TSS	mg/L	16	08MAY2006 - 10APR2007	16	3.438	1.031	<3	<3	<3	3.500	7.000	11	0	0.00%
S39	COLOR	UNITS	13	08MAY2006 - 10APR2007	15	71.467	15.937	48.000	62.000	67.000	80.000	113.000	0	0	0.00%
S39	HARDNESS	mg/L CaCO ₃	35	05JUN2006 - 12MAR2007	4	136.150	80.031	55.400	67.800	137.100	204.500	215.000	0	0	0.00%
S39	TEMP	CENT	7	08MAY2006 - 10APR2007	16	25.013	4.083	18.000	22.250	23.700	28.800	30.300	0	0	0.00%
S39	ALKALINITY	mg/L	67	08MAY2006 - 10APR2007	16	127.688	50.487	50.000	79.000	129.000	175.500	198.000	0	0	0.00%
S39	TN	mg N/L	80	08MAY2006 - 10APR2007	16	1.296	0.426	<0.5	0.959	1.274	1.635	1.950	1	0	0.00%
S39	NOX	mg N/L	18;180	08MAY2006 - 10APR2007	15	0.013	0.012	<0.004	<0.004	0.011	0.013	0.051	4	0	0.00%
S39	NO2	mg N/L	19	08MAY2006 - 10APR2007	15	0.004	0.001	<0.004	<0.004	<0.004	0.002	0.007	11	0	0.00%
S39	NO3	mg N/L	78	08MAY2006 - 10APR2007	14	0.012	0.011	<0.004	<0.004	0.010	0.013	0.044	4	0	0.00%
S39	NH4	mg N/L	20	08MAY2006 - 10APR2007	16	0.015	0.007	<0.007	<0.009	0.014	0.018	0.030	5	0	0.00%
S39	UN-IONIZED AMMONIA	mg/L	NONE	08MAY2006 - 10APR2007	16	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S39	NNH4	mg N/L	92	08MAY2006 - 10APR2007	15	0.025	0.019	<0.009	0.012	0.021	0.037	0.077	1	0	0.00%
S39	ORGN	mg N/L	79	08MAY2006 - 10APR2007	15	1.326	0.383	0.754	1.000	1.375	1.662	1.938	0	0	0.00%
S39	TKN	mg N/L	21	08MAY2006 - 10APR2007	15	1.338	0.384	0.770	1.000	1.390	1.680	1.950	0	0	0.00%
S39	OPO4	mg P/L	23	08MAY2006 - 10APR2007	15	0.007333	0.01133	<0.004	<0.004	<0.004	0.006	0.048	11	0	0.00%
S39	TP	mg P/L	25	08MAY2006 - 10APR2007	15	0.027	0.014	0.018	0.019	0.025	0.029	0.076	0	0	0.00%
S39	DIS. CA	mg/L	30	05JUN2006 - 12MAR2007	4	38.925	22.100	16.400	20.050	39.450	57.800	60.400	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	DIS. K	mg/L	29	05JUN2006 - 12MAR2007	4	3.800	2.269	1.800	1.900	3.500	5.700	6.400	0	0	0.00%
S39	DIS. MG	mg/L	31	05JUN2006 - 12MAR2007	4	9.500	6.084	3.500	4.300	9.450	14.700	15.600	0	0	0.00%
S39	DIS. NA	mg/L	28	05JUN2006 - 12MAR2007	4	44.525	28.670	18.600	22.150	38.900	66.900	81.700	0	0	0.00%
S39	TOT. CL	mg/L	32	08MAY2006 - 10APR2007	15	70.147	28.821	28.200	39.400	77.600	89.300	119.000	0	0	0.00%
S39	TOT. SO4	mg/L	33	05JUN2006 - 12MAR2007	4	19.575	17.575	3.300	4.400	19.500	34.750	36.000	0	0	0.00%
S39	DIS. SILICA	mg/L	27	05JUN2006 - 12MAR2007	4	5.660	5.318	1.470	2.310	3.885	9.010	13.400	0	0	0.00%
S39	TOT. FE	mg/L	177	18DEC2006 - 12MAR2007	2	0.033	0.007	0.028	0.028	0.033	0.038	0.038	0	0	0.00%
S334	DO	mg/L	8	09MAY2006 - 10APR2007	16	5.619	1.765	0.200	5.235	6.210	6.550	7.610	0	3	18.75%
S334	FLDCOND.	UMHOS/CM	9	09MAY2006 - 10APR2007	15	563.600	115.209	356.000	471.000	588.000	642.000	729.000	0	0	0.00%
S334	PH	UNITS	10	09MAY2006 - 10APR2007	15	7.555	0.199	7.130	7.500	7.600	7.700	7.800	0	0	0.00%
S334	TURBIDITY	NTU	12	09MAY2006 - 10APR2007	16	1.881	1.608	0.700	0.850	1.100	2.600	6.400	0	0	0.00%
S334	COLOR	UNITS	13	10APR2007 - 10APR2007	1	32.000		32.000	32.000	32.000	32.000	32.000	0	0	0.00%
S334	HARDNESS	mg/L CaCO3	35	03JAN2007 - 10APR2007	2	214.400	23.193	198.000	198.000	214.400	230.800	230.800	0	0	0.00%
S334	TEMP	CENT	7	09MAY2006 - 10APR2007	16	24.713	3.028	20.300	22.450	23.550	27.600	29.600	0	0	0.00%
S334	TN	mg N/L	80	09MAY2006 - 10APR2007	16	1.314	0.212	0.908	1.271	1.329	1.455	1.689	0	0	0.00%
S334	NOX	mg N/L	18;180	06JUN2006 - 10APR2007	13	0.056	0.033	0.008	0.027	0.055	0.078	0.120	0	0	0.00%
S334	NO2	mg N/L	19	10APR2007 - 10APR2007	1	0.003		0.003	0.003	0.003	0.003	0.003	0	0	0.00%
S334	NO3	mg N/L	78	10APR2007 - 10APR2007	1	0.049		0.049	0.049	0.049	0.049	0.049	0	0	0.00%
S334	NH4	mg N/L	20	10APR2007 - 10APR2007	1	0.086		0.086	0.086	0.086	0.086	0.086	0	0	0.00%
S334	UN-IONIZED AMMONIA	mg/L	NONE	09MAY2006 - 10APR2007	1	0.003		0.003	0.003	0.003	0.003	0.003	0	0	0.00%
S334	NNH4	mg N/L	92	10APR2007 - 10APR2007	1	0.138		0.138	0.138	0.138	0.138	0.138	0	0	0.00%
S334	ORGN	mg N/L	79	10APR2007 - 10APR2007	1	1.124		1.124	1.124	1.124	1.124	1.124	0	0	0.00%
S334	TKN	mg N/L	21	09MAY2006 - 10APR2007	16	1.269	0.203	0.900	1.210	1.285	1.390	1.590	0	0	0.00%
S334	OPO4	mg P/L	23	10APR2007 - 10APR2007	1	0.002		<0.002	<0.002	<0.002	<0.002	<0.002	1	0	0.00%
S334	TP	mg P/L	25	09MAY2006 - 10APR2007	15	0.012	0.003	0.008	0.009	0.012	0.013	0.019	0	0	0.00%
S334	DIS. CA	mg/L	30	03JAN2007 - 10APR2007	2	69.800	4.808	66.400	66.400	69.800	73.200	73.200	0	0	0.00%
S334	DIS. K	mg/L	29	03JAN2007 - 10APR2007	2	2.800	0.849	2.200	2.200	2.800	3.400	3.400	0	0	0.00%
S334	DIS. MG	mg/L	31	03JAN2007 - 10APR2007	2	9.700	2.687	7.800	7.800	9.700	11.600	11.600	0	0	0.00%
S334	DIS. NA	mg/L	28	06JUL2006 - 10APR2007	4	39.300	6.803	31.500	35.050	38.800	43.550	48.100	0	0	0.00%
S334	TOT. CL	mg/L	32	10APR2007 - 10APR2007	1	46.600		46.600	46.600	46.600	46.600	46.600	0	0	0.00%
S334	TOT. SO4	mg/L	33	06JUL2006 - 10APR2007	4	8.475	8.694	1.400	2.600	5.800	14.350	20.900	0	0	0.00%
S334	DIS. SILICA	mg/L	27	10APR2007 - 10APR2007	1	3.590		3.590	3.590	3.590	3.590	3.590	0	0	0.00%
US41-25	DO	mg/L	8	11MAY2006 - 26APR2007	26	3.182	1.207	1.300	2.410	2.985	3.650	6.270	0	24	92.31%
US41-25	FLDCOND.	UMHOS/CM	9	25MAY2006 - 26APR2007	25	389.296	102.226	218.000	294.000	443.000	481.000	504.000	0	0	0.00%
US41-25	PH	UNITS	10	11MAY2006 - 26APR2007	25	7.230	0.133	6.900	7.160	7.200	7.300	7.500	0	0	0.00%
US41-25	TURBIDITY	NTU	12	11MAY2006 - 12APR2007	18	2.161	1.855	0.500	0.900	1.200	4.300	6.200	0	0	0.00%
US41-25	TSS	mg/L	16	11MAY2006 - 12APR2007	18	3.889	1.997	<3	<3	<3	3.000	10.000	13	0	0.00%
US41-25	COLOR	UNITS	13	11MAY2006 - 12APR2007	18	30.389	14.896	16.000	21.000	23.500	46.000	57.000	0	0	0.00%
US41-25	HARDNESS	mg/L CaCO3	35	11MAY2006 - 12APR2007	14	175.200	55.098	101.000	124.000	187.500	220.000	243.600	0	0	0.00%
US41-25	TEMP	CENT	7	11MAY2006 - 26APR2007	26	25.568	3.268	18.800	23.100	25.100	29.000	30.700	0	0	0.00%
US41-25	ALKALINITY	mg/L	67	11MAY2006 - 12APR2007	18	166.111	50.699	96.000	117.000	165.000	209.000	235.000	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
US41-25	SALINITY	UNITS	98	08JUN2006 - 08JUN2006	1	0.230		0.230	0.230	0.230	0.230	0.230	0	0	0.00%
US41-25	TN	mg N/L	80	11MAY2006 - 12APR2007	21	0.931	0.183	0.600	0.832	0.950	0.984	1.280	0	0	0.00%
US41-25	NOX	mg N/L	18;180	08JUN2006 - 12APR2007	14	0.031	0.022	<0.004	0.015	0.024	0.044	0.088	1	0	0.00%
US41-25	NO2	mg N/L	19	11MAY2006 - 12APR2007	18	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.004	16	0	0.00%
US41-25	NO3	mg N/L	78	08JUN2006 - 12APR2007	14	0.030	0.022	<0.004	0.015	0.024	0.042	0.088	1	0	0.00%
US41-25	NH4	mg N/L	20	11MAY2006 - 12APR2007	18	0.054778	0.0394	<0.009	0.023	0.0485	0.091	0.145	1	0	0.00%
US41-25	UN-IONIZED AMMONIA	mg/L	NONE	11MAY2006 - 26APR2007	17	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0	0	0.00%
US41-25	NNH4	mg N/L	92	08JUN2006 - 12APR2007	14	0.084	0.060	0.009	0.039	0.066	0.136	0.194	0	0	0.00%
US41-25	ORGN	mg N/L	79	11MAY2006 - 12APR2007	18	0.857	0.200	0.588	0.710	0.825	0.894	1.250	0	0	0.00%
US41-25	TKN	mg N/L	21	11MAY2006 - 12APR2007	21	0.910	0.186	0.600	0.790	0.930	0.950	1.280	0	0	0.00%
US41-25	OPO4	mg P/L	23	11MAY2006 - 12APR2007	18	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.005	16	0	0.00%
US41-25	ALKALINE PHOS	nM/minml	168	08JUN2006 - 12APR2007	5	13.400	4.980	5.000	14.000	14.000	16.000	18.000	0	0	0.00%
US41-25	TP	mg P/L	25	11MAY2006 - 26APR2007	25	0.030	0.019	0.007	0.016	0.023	0.038	0.077	0	0	0.00%
US41-25	DIS. CA	mg/L	30	11MAY2006 - 12APR2007	18	63.989	19.494	37.400	46.300	64.700	81.300	90.800	0	0	0.00%
US41-25	DIS. K	mg/L	29	11MAY2006 - 12APR2007	18	0.683	0.260	0.200	0.500	0.650	0.900	1.000	0	0	0.00%
US41-25	DIS. MG	mg/L	31	11MAY2006 - 12APR2007	18	2.833	0.864	1.300	2.100	3.050	3.500	4.100	0	0	0.00%
US41-25	DIS. NA	mg/L	28	11MAY2006 - 12APR2007	18	11.322	3.745	5.400	7.500	12.500	14.400	15.800	0	0	0.00%
US41-25	TOT. CL	mg/L	32	11MAY2006 - 12APR2007	18	16.122	5.643	6.800	10.300	17.400	21.100	22.500	0	0	0.00%
US41-25	TOT. FE	mg/L	177	04JAN2007 - 04JAN2007	1	0.223		0.223	0.223	0.223	0.223	0.223	0	0	0.00%
US41-25	CAROTENOID	mg/m3	63	11MAY2006 - 12APR2007	18	3.306	2.998	<1	<1	2.000	4.300	11.000	5	0	0.00%
US41-25	CHLA	mg/m3	61	11MAY2006 - 12APR2007	17	9.706	10.558	1.000	2.000	6.000	14.000	38.000	0	0	0.00%
US41-25	CHLA2	mg/m3	112	11MAY2006 - 12APR2007	17	7.588	7.633	1.000	2.000	4.000	10.000	24.000	0	0	0.00%
US41-25	CHLB	mg/m3	62	11MAY2006 - 12APR2007	18	1.667	1.414	<1	<1	1.000	1.000	5.000	8	0	0.00%
US41-25	CHLC	mg/m3	113	11MAY2006 - 12APR2007	17	1.000	0.000	<1	<1	<1	<1	1.000	14	0	0.00%
US41-25	PHEOPHYTIN A	mg/m3	64	11MAY2006 - 12APR2007	18	3.556	4.706	<1	<1	2.000	4.000	21.000	8	0	0.00%
S344	DO	mg/L	8	14JUN2006 - 08MAR2007	4	5.210	2.604	2.690	3.130	4.855	7.290	8.440	0	2	50.00%
S344	FLDCOND.	UMHOS/CM	9	14JUN2006 - 08MAR2007	4	317.000	78.021	207.000	261.500	344.000	372.500	373.000	0	0	0.00%
S344	PH	UNITS	10	14JUN2006 - 08MAR2007	4	7.328	0.274	7.000	7.150	7.320	7.505	7.670	0	0	0.00%
S344	TURBIDITY	NTU	12	14JUN2006 - 08MAR2007	4	3.375	3.048	0.500	1.150	2.750	5.600	7.500	0	0	0.00%
S344	TSS	mg/L	16	14JUN2006 - 06SEP2006	2	7.500	6.364	<3	<3	4.500	12.000	12.000	1	0	0.00%
S344	COLOR	UNITS	13	14JUN2006 - 06SEP2006	2	47.500	37.477	21.000	21.000	47.500	74.000	74.000	0	0	0.00%
S344	HARDNESS	mg/L CaCO3	35	14JUN2006 - 08MAR2007	3	139.400	41.223	91.800	91.800	163.000	163.400	163.400	0	0	0.00%
S344	TEMP	CENT	7	14JUN2006 - 08MAR2007	4	24.650	4.186	20.800	21.050	24.500	28.250	28.800	0	0	0.00%
S344	ALKALINITY	mg/L	67	14JUN2006 - 06SEP2006	2	121.500	48.790	87.000	87.000	121.500	156.000	156.000	0	0	0.00%
S344	TN	mg N/L	80	14JUN2006 - 08MAR2007	4	1.448	0.330	1.044	1.189	1.474	1.707	1.800	0	0	0.00%
S344	NOX	mg N/L	18;180	14JUN2006 - 08MAR2007	4	0.016	0.013	<0.004	0.005	0.014	0.024	0.034	1	0	0.00%
S344	NO2	mg N/L	19	14JUN2006 - 06SEP2006	2	0.004	0.000	<0.004	<0.004	0.000	0.004	0.004	1	0	0.00%
S344	NO3	mg N/L	78	14JUN2006 - 06SEP2006	2	0.007	0.004	<0.004	<0.004	0.003	0.010	0.010	1	0	0.00%
S344	NH4	mg N/L	20	14JUN2006 - 06SEP2006	2	0.021	0.017	<0.009	<0.009	0.012	0.033	0.033	1	0	0.00%
S344	UN-IONIZED AMMONIA	mg/L	NONE	14JUN2006 - 08MAR2007	2	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0	0	0.00%
S344	NNH4	mg N/L	92	14JUN2006 - 06SEP2006	2	0.028	0.027	<0.009	<0.009	0.019	0.047	0.047	1	0	0.00%
S344	ORGN	mg N/L	79	14JUN2006 - 06SEP2006	2	1.399	0.568	0.997	0.997	1.399	1.800	1.800	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
S344	TKN	mg N/L	21	14JUN2006 - 08MAR2007	4	1.4325	0.33797	1.03	1.165	1.45	1.7	1.8	0	0	0.00%
S344	OPO4	mg P/L	23	14JUN2006 - 06SEP2006	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	14JUN2006 - 08MAR2007	4	0.048	0.033	0.014	0.021	0.044	0.074	0.088	0	0	0.00%
S344	DIS. CA	mg/L	30	14JUN2006 - 08MAR2007	3	51.267	15.213	33.700	33.700	60.000	60.100	60.100	0	0	0.00%
S344	DIS. K	mg/L	29	14JUN2006 - 08MAR2007	3	1.000	0.656	0.300	0.300	1.100	1.600	1.600	0	0	0.00%
S344	DIS. MG	mg/L	31	14JUN2006 - 08MAR2007	3	2.800	0.866	1.800	1.800	3.300	3.300	3.300	0	0	0.00%
S344	DIS. NA	mg/L	28	14JUN2006 - 08MAR2007	4	11.550	3.367	7.100	8.950	12.350	14.150	14.400	0	0	0.00%
S344	TOT. CL	mg/L	32	14JUN2006 - 06SEP2006	2	16.600	8.344	10.700	10.700	16.600	22.500	22.500	0	0	0.00%
S344	TOT. SO4	mg/L	33	14JUN2006 - 08MAR2007	4	0.150	0.100	<0.1	<0.1	<0.1	0.100	0.300	3	0	0.00%
S344	DIS. SILICA	mg/L	27	14JUN2006 - 06SEP2006	2	3.030	2.885	0.990	0.990	3.030	5.070	5.070	0	0	0.00%
S344	TOT. FE	mg/L	177	14JUN2006 - 06SEP2006	2	0.079	0.001	0.078	0.078	0.079	0.079	0.079	0	0	0.00%
S174	DO	mg/L	8	04JAN2007 - 25APR2007	17	6.721	1.773	1.980	5.920	6.180	7.940	9.450	0	1	5.88%
S174	FLDCOND.	UMHOS/CM	9	04JAN2007 - 25APR2007	17	541.000	45.357	465.000	529.000	547.000	574.000	596.000	0	0	0.00%
S174	PH	UNITS	10	04JAN2007 - 25APR2007	17	7.635	0.122	7.500	7.600	7.600	7.700	8.000	0	0	0.00%
S174	TEMP	CENT	7	04JAN2007 - 25APR2007	17	23.471	1.504	20.800	22.700	23.500	24.800	25.700	0	0	0.00%
S174	TP	mg P/L	25	04JAN2007 - 25APR2007	17	0.011	0.005	0.006	0.008	0.009	0.011	0.026	0	0	0.00%
S176	DO	mg/L	8	03MAY2006 - 25APR2007	51	4.527	2.164	0.420	2.780	5.020	6.320	8.680	0	25	49.02%
S176	FLDCOND.	UMHOS/CM	9	03MAY2006 - 25APR2007	49	549.392	43.730	467.000	526.000	540.000	588.000	652.000	0	0	0.00%
S176	PH	UNITS	10	03MAY2006 - 25APR2007	51	7.519	0.232	7.000	7.300	7.500	7.680	8.110	0	0	0.00%
S176	TURBIDITY	NTU	12	03MAY2006 - 04APR2007	16	1.619	0.586	1.000	1.150	1.450	2.000	3.000	0	0	0.00%
S176	TSS	mg/L	16	03MAY2006 - 04APR2007	16	3.000	0.000	<3	<3	<3	<3	<3	16	0	0.00%
S176	COLOR	UNITS	13	03MAY2006 - 04APR2007	16	24.438	9.048	14.000	16.000	24.000	32.000	38.000	0	0	0.00%
S176	HARDNESS	mg/L CaCO3	35	03MAY2006 - 04APR2007	15	214.247	16.197	176.900	206.200	212.000	230.500	240.900	0	0	0.00%
S176	TEMP	CENT	7	03MAY2006 - 25APR2007	52	25.302	2.305	20.500	23.850	25.250	26.750	29.400	0	0	0.00%
S176	ALKALINITY	mg/L	67	03MAY2006 - 04APR2007	16	213.063	19.794	175.000	202.500	210.500	226.500	258.000	0	0	0.00%
S176	TN	mg N/L	80	03MAY2006 - 25APR2007	51	0.937	0.252	0.595	0.695	0.929	1.156	1.489	0	0	0.00%
S176	NOX	mg N/L	18,180	03MAY2006 - 18APR2007	44	0.067	0.046	<0.006	0.019	0.065	0.109	0.169	2	0	0.00%
S176	NO2	mg N/L	19	03MAY2006 - 04APR2007	16	0.004	0.001	<0.004	<0.004	<0.004	0.003	0.005	11	0	0.00%
S176	NO3	mg N/L	78	03MAY2006 - 04APR2007	15	0.064	0.047	0.010	0.017	0.054	0.103	0.150	0	0	0.00%
S176	NH4	mg N/L	20	03MAY2006 - 25APR2007	48	0.137	0.094	<0.009	0.057	0.136	0.185	0.320	2	0	0.00%
S176	UN-IONIZED AMMONIA	mg/L	NONE	03MAY2006 - 25APR2007	47	0.003	0.002	0.000	0.001	0.002	0.005	0.008	0	0	0.00%
S176	NNH4	mg N/L	92	03MAY2006 - 18APR2007	42	0.205	0.112	<0.009	0.140	0.190	0.303	0.439	1	0	0.00%
S176	ORGN	mg N/L	79	03MAY2006 - 25APR2007	48	0.727	0.196	0.467	0.566	0.684	0.840	1.163	0	0	0.00%
S176	TKN	mg N/L	21	03MAY2006 - 25APR2007	51	0.880	0.217	0.560	0.680	0.860	1.080	1.320	0	0	0.00%
S176	OPO4	mg P/L	23	03MAY2006 - 04APR2007	16	0.004	0.001	<0.002	<0.004	<0.004	<0.004	0.005	14	0	0.00%
S176	ALKALINE PHOS	nM/minml	168	06SEP2006 - 20SEP2006	2	9.000	2.828	7.000	7.000	9.000	11.000	11.000	0	0	0.00%
S176	TP	mg P/L	25	03MAY2006 - 25APR2007	50	0.008	0.004	0.004	0.006	0.007	0.009	0.031	0	0	0.00%
S176	DIS. CA	mg/L	30	03MAY2006 - 04APR2007	18	73.200	5.732	59.000	71.200	73.550	76.000	83.400	0	0	0.00%
S176	DIS. K	mg/L	29	03MAY2006 - 04APR2007	17	2.453	0.296	1.700	2.400	2.500	2.600	2.800	0	0	0.00%
S176	DIS. MG	mg/L	31	03MAY2006 - 04APR2007	18	7.394	1.260	6.000	6.400	7.000	8.000	9.900	0	0	0.00%
S176	DIS. NA	mg/L	28	03MAY2006 - 04APR2007	17	28.629	3.716	23.800	25.700	27.700	30.300	35.600	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
S176	TOT. CL	mg/L	32	03MAY2006 - 04APR2007	16	43.58125	6.92553	3.59E+01	38.45	41.9	47.65	59.8	0	0	0.00%
S176	TOT. FE	mg/L	177	12JUL2006 - 04APR2007	4	0.208	0.134	0.102	0.130	0.163	0.287	0.404	0	0	0.00%
S176	TOT. CD	ug/L	103	18JUL2006 - 18JAN2007	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S176	TOT. CU	ug/L	104	18JUL2006 - 18JAN2007	2	2.400	0.566	<2	<2	0.400	2.800	2.800	1	0	0.00%
S176	TOT. ZN	ug/L	105	18JUL2006 - 18JAN2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S176	CAROTENOID	mg/m3	63	03MAY2006 - 04APR2007	16	1.438	1.094	<1	<1	<1	0.000	5.000	12	0	0.00%
S176	CHLA	mg/m3	61	03MAY2006 - 04APR2007	16	1.875	1.088	<1	<1	1.500	2.500	4.000	7	0	0.00%
S176	CHLA2	mg/m3	112	03MAY2006 - 04APR2007	14	2	1.24035	<1	<1	1.5	3	4	6	0	0.00%
S176	CHLB	mg/m3	62	03MAY2006 - 04APR2007	16	1.125	0.500	<1	<1	<1	<1	3.000	15	0	0.00%
S176	CHLC	mg/m3	113	03MAY2006 - 04APR2007	16	1.375	1.025	<1	<1	<1	<1	5.000	13	0	0.00%
S176	PHEOPHYTIN A	mg/m3	64	03MAY2006 - 04APR2007	16	1.000	0.000	<1	<1	<1	<1	<1	16	0	0.00%
S176	TOT. DIS. P	mg P/L	26	15NOV2006 - 13DEC2006	2	0.003	0.000	0.003	0.003	0.003	0.003	0.003	0	0	0.00%
S176Auto	TN	mg N/L	80	03MAY2006 - 25APR2007	330	0.937	0.257	<0.5	0.693	0.935	1.147	1.446	2	0	0.00%
S176Auto	NOX	mg N/L	18;180	03MAY2006 - 25APR2007	321	0.061	0.042	<0.006	0.019	0.058	0.102	0.139	17	0	0.00%
S176Auto	NH4	mg N/L	20	08MAR2007 - 08MAR2007	1	0.062		0.062	0.062	0.062	0.062	0.062	0	0	0.00%
S176Auto	NNH4	mg N/L	92	08MAR2007 - 08MAR2007	1	0.145		0.145	0.145	0.145	0.145	0.145	0	0	0.00%
S176Auto	ORGN	mg N/L	79	08MAR2007 - 08MAR2007	1	0.908		0.908	0.908	0.908	0.908	0.908	0	0	0.00%
S176Auto	TKN	mg N/L	21	03MAY2006 - 25APR2007	328	0.880	0.221	0.470	0.670	0.870	1.060	1.330	0	0	0.00%
S176Auto	TP	mg P/L	25	03MAY2006 - 25APR2007	320	0.009	0.003	0.004	0.007	0.008	0.011	0.024	0	0	0.00%
S177	DO	mg/L	8	01MAY2006 - 30APR2007	52	5.203	2.525	0.140	3.055	5.640	7.035	10.400	0	21	40.38%
S177	FLDCOND.	UMHOS/CM	9	01MAY2006 - 30APR2007	51	530.010	33.665	417.000	517.000	524.500	542.000	628.000	0	0	0.00%
S177	PH	UNITS	10	01MAY2006 - 30APR2007	53	7.590	0.271	7.040	7.360	7.600	7.800	8.000	0	0	0.00%
S177	TURBIDITY	NTU	12	01MAY2006 - 02APR2007	22	1.868	1.093	0.600	0.900	1.850	2.600	5.100	0	0	0.00%
S177	TSS	mg/L	16	01MAY2006 - 02APR2007	21	3.000	0.000	<3	<3	<3	<3	<3	21	0	0.00%
S177	COLOR	UNITS	13	01MAY2006 - 02APR2007	22	19.636	7.907	12.000	14.000	15.000	26.000	36.000	0	0	0.00%
S177	HARDNESS	mg/L CaCO3	35	01MAY2006 - 02APR2007	20	212.055	17.544	165.800	204.400	207.500	218.200	243.500	0	0	0.00%
S177	TEMP	CENT	7	01MAY2006 - 30APR2007	53	25.251	1.983	19.800	23.800	25.500	27.000	28.500	0	0	0.00%
S177	ALKALINITY	mg/L	67	01MAY2006 - 02APR2007	22	205.227	13.140	161.000	201.000	204.500	211.000	229.000	0	0	0.00%
S177	SALINITY	UNITS	98	19MAR2007 - 19MAR2007	1	0.260		0.260	0.260	0.260	0.260	0.260	0	0	0.00%
S177	TN	mg N/L	80	01MAY2006 - 30APR2007	53	0.747	0.251	0.500	0.583	0.629	0.869	1.368	0	0	0.00%
S177	NOX	mg N/L	18;180	01MAY2006 - 16APR2007	45	0.064	0.039	0.006	0.027	0.063	0.089	0.144	0	0	0.00%
S177	NO2	mg N/L	19	01MAY2006 - 02APR2007	22	0.005	0.002	<0.004	<0.004	0.003	0.005	0.009	9	0	0.00%
S177	NO3	mg N/L	78	01MAY2006 - 02APR2007	19	0.067	0.041	0.017	0.029	0.059	0.099	0.144	0	0	0.00%
S177	NH4	mg N/L	20	01MAY2006 - 30APR2007	52	0.062	0.040	<0.009	0.039	0.056	0.081	0.242	2	0	0.00%
S177	UN-IONIZED AMMONIA	mg/L	NONE	01MAY2006 - 30APR2007	52	0.002	0.002	0.000	0.001	0.001	0.002	0.008	0	0	0.00%
S177	NNH4	mg N/L	92	01MAY2006 - 16APR2007	44	0.130	0.071	0.018	0.080	0.127	0.169	0.386	0	0	0.00%
S177	ORGN	mg N/L	79	01MAY2006 - 30APR2007	52	0.629	0.217	0.419	0.474	0.552	0.667	1.189	0	0	0.00%
S177	TKN	mg N/L	21	01MAY2006 - 30APR2007	53	0.692	0.226	0.490	0.540	0.590	0.770	1.240	0	0	0.00%
S177	OPO4	mg P/L	23	01MAY2006 - 02APR2007	21	0.004	0.001	<0.002	<0.004	<0.004	<0.004	<0.004	21	0	0.00%
S177	ALKALINE PHOS	nM/minml	168	12JUN2006 - 06MAR2007	4	16.500	11.676	4.000	8.500	15.000	24.500	32.000	0	0	0.00%
S177	TP	mg P/L	25	01MAY2006 - 30APR2007	50	0.006	0.002	0.003	0.005	0.006	0.007	0.013	0	0	0.00%
S177	DIS. CA	mg/L	30	01MAY2006 - 02APR2007	24	72.979	4.800	57.200	71.600	72.250	74.350	83.400	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	DIS. K	mg/L	29	01MAY2006 - 02APR2007	23	2.765	0.468	1.500	2.500	2.900	3.200	3.600	0	0	0.00%
S177	DIS. MG	mg/L	31	01MAY2006 - 02APR2007	24	6.996	1.585	5.600	5.800	6.500	7.700	10.800	0	0	0.00%
S177	DIS. NA	mg/L	28	01MAY2006 - 02APR2007	23	28.774	4.553	20.700	26.100	26.800	31.700	39.400	0	0	0.00%
S177	TOT. CL	mg/L	32	01MAY2006 - 02APR2007	22	43.823	6.724	30.900	40.300	41.250	46.100	60.500	0	0	0.00%
S177	TOT. FE	mg/L	177	10JUL2006 - 02APR2007	4	0.243	0.121	0.141	0.142	0.224	0.344	0.383	0	0	0.00%
S177	TOT. CD	ug/L	103	18JUL2006 - 18JAN2007	2	0.3	0	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S177	TOT. CU	ug/L	104	18JUL2006 - 18JAN2007	2	2.400	0.566	<2	<2	0.400	2.800	2.800	1	0	0.00%
S177	TOT. ZN	ug/L	105	18JUL2006 - 18JAN2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S177	CAROTENOID	mg/m3	63	01MAY2006 - 02APR2007	21	1.452	0.751	<1	<1	<1	2.000	4.000	11	0	0.00%
S177	CHLA	mg/m3	61	01MAY2006 - 02APR2007	21	1.761905	1.44585	<1	<1	1	2	7	10	0	0.00%
S177	CHLA2	mg/m3	112	01MAY2006 - 02APR2007	20	1.650	1.089	<1	<1	1.000	2.000	5.000	6	0	0.00%
S177	CHLB	mg/m3	62	01MAY2006 - 02APR2007	21	1.238	0.625	<1	<1	<1	<1	3.000	17	0	0.00%
S177	CHLC	mg/m3	113	01MAY2006 - 02APR2007	21	1.333	0.913	<1	<1	<1	1.000	4.000	14	0	0.00%
S177	PHEOPHYTIN A	mg/m3	64	01MAY2006 - 02APR2007	21	1.095	0.436	<1	<1	<1	<1	3.000	17	0	0.00%
S177	TOT. DIS. P	mg P/L	26	02OCT2006 - 26DEC2006	4	0.004	0.001	0.003	0.003	0.004	0.004	0.004	0	0	0.00%
S177Auto	TN	mg N/L	80	01MAY2006 - 30APR2007	361	0.738	0.238	<0.5	0.572	0.641	0.850	1.387	1	0	0.00%
S177Auto	NOX	mg N/L	18;180	01MAY2006 - 23APR2007	352	0.051	0.038	<0.006	0.019	0.043	0.080	0.153	29	0	0.00%
S177Auto	ORGN	mg N/L	79	04DEC2006 - 04DEC2006	1	0.050		<0.05	<0.05	<0.05	<0.05	<0.05	1	0	0.00%
S177Auto	TKN	mg N/L	21	01MAY2006 - 30APR2007	361	0.688	0.219	<0.05	0.540	0.600	0.760	1.280	1	0	0.00%
S177Auto	TP	mg P/L	25	08MAY2006 - 30APR2007	341	0.007	0.003	<0.002	0.005	0.006	0.009	0.030	1	0	0.00%
S178	DO	mg/L	8	01MAY2006 - 30APR2007	27	5.267	1.145	3.460	4.340	5.060	6.200	8.460	0	12	44.44%
S178	FLDCOND.	UMHOS/CM	9	01MAY2006 - 30APR2007	26	443.269	40.959	329.000	424.000	452.000	471.000	506.000	0	0	0.00%
S178	PH	UNITS	10	01MAY2006 - 30APR2007	27	7.575	0.168	7.200	7.500	7.600	7.610	8.100	0	0	0.00%
S178	TURBIDITY	NTU	12	01MAY2006 - 02APR2007	12	12.025	12.396	3.100	4.750	8.200	13.400	48.200	0	1	8.33%
S178	TSS	mg/L	16	01MAY2006 - 02APR2007	12	12.500	15.169	3.000	4.500	10.000	12.500	59.000	0	0	0.00%
S178	COLOR	UNITS	13	01MAY2006 - 02APR2007	12	17.000	2.335	12.000	15.500	17.500	18.500	20.000	0	0	0.00%
S178	HARDNESS	mg/L CaCO3	35	01MAY2006 - 02APR2007	11	136.327	32.421	94.100	119.000	129.300	145.500	204.000	0	0	0.00%
S178	TEMP	CENT	7	01MAY2006 - 30APR2007	27	23.32593	3.04297	16.6	21.5	23	24.1	28.8	0	0	0.00%
S178	ALKALINITY	mg/L	67	01MAY2006 - 02APR2007	12	117.833	22.591	82.000	104.500	119.500	126.500	172.000	0	0	0.00%
S178	SALINITY	UNITS	98	19MAR2007 - 19MAR2007	1	0.230		0.230	0.230	0.230	0.230	0.230	0	0	0.00%
S178	TN	mg N/L	80	01MAY2006 - 02APR2007	12	0.890	0.240	<0.5	0.751	0.839	1.096	1.300	1	0	0.00%
S178	NOX	mg N/L	18;180	01MAY2006 - 02APR2007	12	0.068	0.065	<0.004	0.009	0.058	0.107	0.203	2	0	0.00%
S178	NO2	mg N/L	19	01MAY2006 - 02APR2007	12	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.009	7	0	0.00%
S178	NO3	mg N/L	78	01MAY2006 - 02APR2007	12	0.065	0.063	<0.004	0.009	0.058	0.102	0.194	2	0	0.00%
S178	NH4	mg N/L	20	01MAY2006 - 02APR2007	12	0.060	0.047	<0.009	0.004	0.066	0.091	0.148	3	0	0.00%
S178	UNIONIZED AMMONIA	mg/L	NONE	01MAY2006 - 30APR2007	12	0.001	0.001	0.000	0.001	0.001	0.002	0.003	0	0	0.00%
S178	NNH4	mg N/L	92	01MAY2006 - 02APR2007	12	0.125	0.114	<0.009	0.013	0.128	0.200	0.351	1	0	0.00%
S178	ORGN	mg N/L	79	12JUN2006 - 02APR2007	11	0.791	0.182	0.532	0.653	0.752	0.874	1.130	0	0	0.00%
S178	TKN	mg N/L	21	12JUN2006 - 02APR2007	11	0.854	0.187	0.560	0.720	0.890	0.930	1.180	0	0	0.00%
S178	OPO4	mg P/L	23	01MAY2006 - 02APR2007	12	0.004	0.001	<0.003	<0.004	<0.004	<0.004	0.005	11	0	0.00%
S178	ALKALINE PHOS	nM/minml	168	10JUL2006 - 06MAR2007	2	3.500	0.707	3.000	3.000	3.500	4.000	4.000	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
S178	TP	mg P/L	25	01MAY2006 - 30APR2007	27	0.041	0.023	0.018	0.030	0.036	0.045	0.143	0	0	0.00%
S178	DIS. CA	mg/L	30	01MAY2006 - 02APR2007	14	45.579	11.047	30.400	41.900	43.100	46.000	72.400	0	0	0.00%
S178	DIS. K	mg/L	29	01MAY2006 - 02APR2007	13	16.492	4.455	10.200	13.200	16.200	18.000	27.900	0	0	0.00%
S178	DIS. MG	mg/L	31	01MAY2006 - 02APR2007	14	5.314	0.661	4.300	4.600	5.550	5.900	6.100	0	0	0.00%
S178	DIS. NA	mg/L	28	01MAY2006 - 02APR2007	13	23.669	4.740	18.500	19.700	22.200	26.300	32.800	0	0	0.00%
S178	TOT. CL	mg/L	32	01MAY2006 - 02APR2007	12	41.567	9.053	30.200	33.450	40.450	47.350	56.500	0	0	0.00%
S178	TOT. FE	mg/L	177	10JUL2006 - 02APR2007	4	0.072	0.064	0.036	0.039	0.042	0.105	0.167	0	0	0.00%
S178	TOT. CD	ug/L	103	18JUL2006 - 18JAN2007	2	0.350	0.071	<0.3	<0.3	0.050	0.400	0.400	1	0	0.00%
S178	TOT. CU	ug/L	104	18JUL2006 - 18JAN2007	2	3.150	0.636	2.700	2.700	3.150	3.600	3.600	0	0	0.00%
S178	TOT. ZN	ug/L	105	18JUL2006 - 18JAN2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S178	CAROTENOID	mg/m3	63	01MAY2006 - 02APR2007	12	3.800	3.982	1.000	2.000	2.000	4.600	15.000	0	0	0.00%
S178	CHLA	mg/m3	61	01MAY2006 - 02APR2007	12	10.833	11.496	3.000	4.500	5.500	14.000	41.000	0	0	0.00%
S178	CHLA2	mg/m3	112	01MAY2006 - 02APR2007	12	8.750	8.843	2.000	3.500	5.000	11.000	31.000	0	0	0.00%
S178	CHLB	mg/m3	62	01MAY2006 - 02APR2007	12	2.583	2.712	<1	<1	<1	3.000	9.000	7	0	0.00%
S178	CHLC	mg/m3	113	01MAY2006 - 02APR2007	12	1.250	0.622	<1	<1	<1	0.000	3.000	9	0	0.00%
S178	PHEOPHYTIN A	mg/m3	64	01MAY2006 - 02APR2007	12	3.583	4.209	<1	0.000	1.500	4.500	15.000	3	0	0.00%
S178	TOT. DIS. P	mg P/L	26	02OCT2006 - 11DEC2006	3	0.013	0.003	0.011	0.011	0.012	0.016	0.016	0	0	0.00%
S178Auto	DO	mg/L	8	05JUN2006 - 05JUN2006	1	6.870		6.870	6.870	6.870	6.870	6.870	0	0	0.00%
S178Auto	FLDCOND.	UMHOS/CM	9	05JUN2006 - 05JUN2006	1	553.000		553.000	553.000	553.000	553.000	553.000	0	0	0.00%
S178Auto	PH	UNITS	10	05JUN2006 - 05JUN2006	1	7.990		7.990	7.990	7.990	7.990	7.990	0	0	0.00%
S178Auto	TEMP	CENT	7	05JUN2006 - 05JUN2006	1	29.040		29.040	29.040	29.040	29.040	29.040	0	0	0.00%
S331-173	DO	mg/L	8	02MAY2006 - 25APR2007	50	3.881	2.578	0.170	1.910	3.255	5.480	12.400	0	34	68.00%
S331-173	FLDCOND.	UMHOS/CM	9	02MAY2006 - 25APR2007	49	560.261	52.690	407.000	532.000	555.000	592.000	708.000	0	0	0.00%
S331-173	PH	UNITS	10	02MAY2006 - 25APR2007	50	7.450	0.269	7.080	7.300	7.400	7.500	8.180	0	0	0.00%
S331-173	TURBIDITY	NTU	12	02MAY2006 - 04APR2007	21	2.038	1.107	0.900	1.200	1.800	2.400	4.800	0	0	0.00%
S331-173	TSS	mg/L	16	02MAY2006 - 04APR2007	21	3.000	0.000	<3	<3	<3	<3	<3	21	0	0.00%
S331-173	COLOR	UNITS	13	02MAY2006 - 04APR2007	16	27.688	8.138	18.000	20.000	26.000	34.000	41.000	0	0	0.00%
S331-173	HARDNESS	mg/L CaCO3	35	13JUL2006 - 04APR2007	3	227.867	14.002	214.000	214.000	227.600	242.000	242.000	0	0	0.00%
S331-173	TEMP	CENT	7	02MAY2006 - 25APR2007	51	25.816	2.799	20.900	23.700	25.600	27.500	31.900	0	0	0.00%
S331-173	ALKALINITY	mg/L	67	13JUL2006 - 04APR2007	12	212.417	16.105	182.000	204.500	212.500	224.500	236.000	0	0	0.00%
S331-173	TN	mg N/L	80	02MAY2006 - 25APR2007	51	1.097	0.207	0.780	0.871	1.121	1.267	1.495	0	0	0.00%
S331-173	NOX	mg N/L	18;180	09MAY2006 - 25APR2007	42	0.060	0.036	<0.004	0.031	0.054	0.091	0.141	1	0	0.00%
S331-173	NO2	mg N/L	19	02MAY2006 - 04APR2007	17	0.004	0.001	<0.004	<0.004	0.004	0.004	0.007	7	0	0.00%
S331-173	NO3	mg N/L	78	16MAY2006 - 04APR2007	13	0.047	0.031	<0.004	0.020	0.048	0.076	0.092	1	0	0.00%
S331-173	NH4	mg N/L	20	02MAY2006 - 25APR2007	51	0.224	0.121	0.026	0.122	0.206	0.343	0.459	0	0	0.00%
S331-173	UN-IONIZED AMMONIA	mg/L	NONE	02MAY2006 - 25APR2007	49	0.004	0.002	0.001	0.002	0.004	0.005	0.012	0	0	0.00%
S331-173	NNH4	mg N/L	92	09MAY2006 - 25APR2007	42	0.270	0.096	0.090	0.202	0.254	0.355	0.457	0	0	0.00%
S331-173	ORGN	mg N/L	79	02MAY2006 - 25APR2007	51	0.823	0.202	0.507	0.644	0.811	0.955	1.226	0	0	0.00%
S331-173	TKN	mg N/L	21	02MAY2006 - 25APR2007	51	1.047	0.201	0.720	0.830	1.070	1.210	1.430	0	0	0.00%
S331-173	OPO4	mg P/L	23	02MAY2006 - 04APR2007	21	0.004	0.001	<0.002	<0.004	<0.004	<0.004	<0.004	21	0	0.00%
S331-173	TP	mg P/L	25	02MAY2006 - 25APR2007	50	0.008	0.003	0.004	0.006	0.008	0.010	0.016	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
S331-173	DIS. CA	mg/L	30	13JUL2006 - 04APR2007	4	78.225	3.471	74.400	75.750	77.900	80.700	82.700	0	0	0.00%
S331-173	DIS. K	mg/L	29	13JUL2006 - 04APR2007	4	2.375	0.171	2.200	2.250	2.350	2.500	2.600	0	0	0.00%
S331-173	DIS. MG	mg/L	31	13JUL2006 - 04APR2007	4	7.425	1.389	5.700	6.300	7.700	8.550	8.600	0	0	0.00%
S331-173	DIS. NA	mg/L	28	13JUL2006 - 04APR2007	4	28.025	3.868	23.600	24.800	28.400	31.250	31.700	0	0	0.00%
S331-173	TOT. CL	mg/L	32	02MAY2006 - 04APR2007	21	44.810	9.226	33.600	37.200	45.800	48.000	67.100	0	0	0.00%
S331-173	TOT. SO4	mg/L	33	13JUL2006 - 04APR2007	4	1.200	0.837	<0.1	0.450	1.400	1.850	1.900	1	0	0.00%
S331-173	DIS. SILICA	mg/L	27	13JUL2006 - 04APR2007	4	6.405	1.109	5.090	5.695	6.365	7.115	7.800	0	0	0.00%
S331-173	TOT. ULTRA TRACE HG	ug/L	207	27JUL2006 - 03APR2007	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	27JUL2006 - 03APR2007	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0.00%
S331-173Auto	DO	mg/L	8	14JUN2006 - 14JUN2006	1	4.910		4.910	4.910	4.910	4.910	4.910	0	1	100.00%
S331-173Auto	PH	UNITS	10	14JUN2006 - 14JUN2006	1	7.750		7.750	7.750	7.750	7.750	7.750	0	0	0.00%
S331-173Auto	TEMP	CENT	7	14JUN2006 - 14JUN2006	1	29.400		29.400	29.400	29.400	29.400	29.400	0	0	0.00%
S331-173Auto	TN	mg N/L	80	02MAY2006 - 25APR2007	352	1.107	0.259	<0.5	0.901	1.114	1.240	4.036	1	0	0.00%
S331-173Auto	NOX	mg N/L	18;180	02MAY2006 - 25APR2007	311	0.054	0.032	<0.006	0.027	0.049	0.078	0.141	9	0	0.00%
S331-173Auto	TKN	mg N/L	21	02MAY2006 - 25APR2007	351	1.062	0.254	0.690	0.870	1.080	1.200	4.020	0	0	0.00%
S331-173Auto	TP	mg P/L	25	02MAY2006 - 25APR2007	339	0.009	0.006	0.004	0.006	0.008	0.011	0.092	0	0	0.00%
S332B	DO	mg/L	8	03MAY2006 - 25APR2007	40	3.446	1.909	0.650	1.935	3.380	5.140	7.170	0	29	72.50%
S332B	FLDCOND.	UMHOS/CM	9	03MAY2006 - 25APR2007	40	547.975	45.284	416.000	531.000	542.000	567.500	645.000	0	0	0.00%
S332B	PH	UNITS	10	03MAY2006 - 25APR2007	40	7.365	0.144	7.120	7.260	7.400	7.415	7.690	0	0	0.00%
S332B	TURBIDITY	NTU	12	03MAY2006 - 10JAN2007	14	2.164	0.976	0.800	1.400	2.200	2.900	4.400	0	0	0.00%
S332B	TSS	mg/L	16	03MAY2006 - 23AUG2006	8	3.000	0.000	<3	<3	<3	<3	<3	8	0	0.00%
S332B	HARDNESS	mg/L CaCO3	35	13JUL2006 - 10JAN2007	4	227.925	7.625	220.000	221.500	227.900	234.350	235.900	0	0	0.00%
S332B	TEMP	CENT	7	03MAY2006 - 25APR2007	41	25.380	2.220	21.000	23.800	25.300	26.700	29.900	0	0	0.00%
S332B	ALKALINITY	mg/L	67	13JUL2006 - 13JUL2006	1	220.000		220.000	220.000	220.000	220.000	220.000	0	0	0.00%
S332B	TN	mg N/L	80	03MAY2006 - 18APR2007	28	0.882	0.401	<0.5	0.683	0.760	0.987	2.651	1	0	0.00%
S332B	NOX	mg N/L	18;180	10MAY2006 - 18APR2007	18	0.038	0.025	<0.006	0.021	0.028	0.051	0.094	1	0	0.00%
S332B	NO2	mg N/L	19	03MAY2006 - 04JAN2007	12	0.004	0.000	<0.004	<0.004	<0.004	0.005	0.005	8	0	0.00%
S332B	NO3	mg N/L	78	17MAY2006 - 25OCT2006	7	0.035	0.028	0.013	0.018	0.021	0.055	0.089	0	0	0.00%
S332B	NH4	mg N/L	20	03MAY2006 - 23AUG2006	8	0.112	0.067	0.016	0.048	0.135	0.153	0.206	0	0	0.00%
S332B	UN-IONIZED AMMONIA	mg/L	NONE	03MAY2006 - 25APR2007	7	0.002407	0.00159	0.000307	0.00119	0.0023677	0.0037	0.004992	0	0	0.00%
S332B	NNH4	mg N/L	92	17MAY2006 - 23AUG2006	5	0.138	0.089	0.034	0.051	0.181	0.198	0.226	0	0	0.00%
S332B	ORGN	mg N/L	79	03MAY2006 - 23AUG2006	7	0.720	0.248	0.448	0.526	0.608	1.032	1.064	0	0	0.00%
S332B	TKN	mg N/L	21	03MAY2006 - 18APR2007	27	0.871	0.391	0.530	0.670	0.750	0.970	2.560	0	0	0.00%
S332B	OPO4	mg P/L	23	03MAY2006 - 10JAN2007	16	0.004	0.000	<0.004	<0.004	<0.004	<0.004	<0.004	16	0	0.00%
S332B	TP	mg P/L	25	03MAY2006 - 25APR2007	39	0.007	0.002	0.004	0.006	0.007	0.008	0.014	0	0	0.00%
S332B	DIS. CA	mg/L	30	13JUL2006 - 10JAN2007	8	77.038	3.634	71.400	74.450	77.450	79.800	81.500	0	0	0.00%
S332B	DIS. K	mg/L	29	13JUL2006 - 10JAN2007	4	2.875	0.49917	2.5	2.55	2.7	3.2	3.6	0	0	0.00%
S332B	DIS. MG	mg/L	31	13JUL2006 - 10JAN2007	4	7.050	0.819	6.300	6.350	7.000	7.750	7.900	0	0	0.00%
S332B	DIS. NA	mg/L	28	13JUL2006 - 10JAN2007	3	27.400	2.960	24.000	24.000	28.800	29.400	29.400	0	0	0.00%
S332B	TOT. CL	mg/L	32	03MAY2006 - 10JAN2007	17	42.124	8.596	35.100	36.100	38.600	43.800	63.800	0	0	0.00%
S332B	TOT. SO4	mg/L	33	13JUL2006 - 10JAN2007	3	2.533	1.790	1.000	1.000	2.100	4.500	4.500	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
S332B	DIS. SILICA	mg/L	27	13JUL2006 - 13JUL2006	1	5.780		5.780	5.780	5.780	5.780	5.780	0	0	0.00%
S332B	TOT. FE	mg/L	177	13JUL2006 - 13JUL2006	1	0.431		0.431	0.431	0.431	0.431	0.431	0	0	0.00%
S332B	TOT. CD	ug/L	103	27JUL2006 - 27JUL2006	1	0.400		0.400	0.400	0.400	0.400	0.400	0	0	0.00%
S332B	TOT. CU	ug/L	104	27JUL2006 - 27JUL2006	1	1.200		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S332B	TOT. ULTRA TRACE HG	ug/L	207	27JUL2006 - 27JUL2006	1	0.001		0.001	0.001	0.001	0.001	0.001	0	0	0.00%
S332B	TOT. ZN	ug/L	105	27JUL2006 - 27JUL2006	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
S332B	DIS. ORGAN. C	mg/L	89;181	13JUL2006 - 10JAN2007	3	9.333	2.517	7.000	7.000	9.000	12.000	12.000	0	0	0.00%
S332B	TOT. DIS. P	mg P/L	26	03MAY2006 - 23AUG2006	8	0.003	0.002	<0.002	0.000	0.003	0.004	0.008	2	0	0.00%
S332B	TOT. FIL RES.	mg/L	97	13JUL2006 - 13JUL2006	1	328.000		328.000	328.000	328.000	328.000	328.000	0	0	0.00%
S332BAuto	TN	mg N/L	80	13JUL2006 - 18APR2007	17	0.880	0.218	0.665	0.732	0.840	0.980	1.555	0	0	0.00%
S332BAuto	NOX	mg N/L	18;180	13JUL2006 - 18APR2007	16	0.042	0.032	0.014	0.020	0.037	0.045	0.144	0	0	0.00%
S332BAuto	TKN	mg N/L	21	13JUL2006 - 18APR2007	17	0.841	0.223	0.640	0.690	0.740	0.970	1.510	0	0	0.00%
S332BAuto	TP	mg P/L	25	13JUL2006 - 18APR2007	17	0.007	0.001	0.004	0.006	0.006	0.008	0.009	0	0	0.00%
S332C	DO	mg/L	8	03MAY2006 - 25APR2007	41	3.686	2.165	0.490	1.930	3.800	5.580	7.340	0	28	68.29%
S332C	FLDCOND.	UMHOS/CM	9	03MAY2006 - 25APR2007	40	547.383	46.711	403.000	525.000	541.500	574.000	646.000	0	0	0.00%
S332C	PH	UNITS	10	03MAY2006 - 25APR2007	41	7.402	0.160	7.100	7.300	7.400	7.500	7.700	0	0	0.00%
S332C	TURBIDITY	NTU	12	03MAY2006 - 22FEB2007	14	1.864	0.676	0.600	1.700	1.900	2.100	3.100	0	0	0.00%
S332C	TSS	mg/L	16	03MAY2006 - 23AUG2006	9	3.000	0.000	<3	<3	<3	<3	<3	9	0	0.00%
S332C	HARDNESS	mg/L CaCO3	35	13JUL2006 - 10JAN2007	3	222.500	14.756	213.000	213.000	215.000	239.500	239.500	0	0	0.00%
S332C	TEMP	CENT	7	03MAY2006 - 25APR2007	42	25.217	2.043	21.100	23.600	25.400	26.600	28.400	0	0	0.00%
	ALKALINITY	mg/L													
S332C			67	13JUL2006 - 13JUL2006	1	214.000		214.000	214.000	214.000	214.000	214.000	0	0	0.00%
S332C	TN	mg N/L	80	03MAY2006 - 18APR2007	37	0.886	0.230	0.580	0.685	0.822	1.060	1.384	0	0	0.00%
S332C	NOX	mg N/L	18;180	10MAY2006 - 18APR2007	27	0.057	0.041	<0.006	0.022	0.052	0.094	0.165	1	0	0.00%
S332C	NO2	mg N/L	19	03MAY2006 - 22FEB2007	12	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.007	8	0	0.00%
S332C	NO3	mg N/L	78	17MAY2006 - 22FEB2007	8	0.044	0.037	0.012	0.017	0.022	0.082	0.097	0	0	0.00%
S332C	NH4	mg N/L	20	03MAY2006 - 11APR2007	9	0.110	0.055	0.043	0.054	0.138	0.150	0.188	0	0	0.00%
S332C	UN-IONIZED AMMONIA	mg/L	NONE	03MAY2006 - 25APR2007	8	0.002	0.002	0.001	0.001	0.002	0.004	0.005	0	0	0.00%
S332C	NNH4	mg N/L	92	17MAY2006 - 11APR2007	7	0.135	0.074	0.055	0.065	0.134	0.219	0.232	0	0	0.00%
S332C	ORGN	mg N/L	79	03MAY2006 - 11APR2007	9	0.697	0.217	0.490	0.566	0.607	0.780	1.061	0	0	0.00%
S332C	TKN	mg N/L	21	03MAY2006 - 18APR2007	37	0.845	0.207	0.580	0.670	0.820	0.970	1.280	0	0	0.00%
S332C	OPO4	mg P/L	23	03MAY2006 - 22FEB2007	17	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.006	16	0	0.00%
S332C	TP	mg P/L	25	03MAY2006 - 25APR2007	41	0.007	0.002	0.004	0.005	0.006	0.008	0.012	0	0	0.00%
S332C	DIS. CA	mg/L	30	13JUL2006 - 10JAN2007	7	76.243	3.243	72.700	74.800	75.100	76.700	83.000	0	0	0.00%
S332C	DIS. K	mg/L	29	13JUL2006 - 10JAN2007	3	2.733	0.321	2.500	2.500	2.600	3.100	3.100	0	0	0.00%
S332C	DIS. MG	mg/L	31	13JUL2006 - 10JAN2007	3	6.967	0.737	6.400	6.400	6.700	7.800	7.800	0	0	0.00%
S332C	DIS. NA	mg/L	28	13JUL2006 - 10JAN2007	2	28.050	2.192	26.500	26.500	28.050	29.600	29.600	0	0	0.00%
S332C	TOT. CL	mg/L	32	03MAY2006 - 22FEB2007	18	42.822	7.958	36.200	38.200	39.550	44.600	63.500	0	0	0.00%
S332C	TOT. SO4	mg/L	33	13JUL2006 - 10JAN2007	3	1.733	0.777	1.100	1.100	1.500	2.600	2.600	0	0	0.00%
S332C	DIS. SILICA	mg/L	27	13JUL2006 - 13JUL2006	1	6.180		6.180	6.180	6.180	6.180	6.180	0	0	0.00%
S332C	TOT. FE	mg/L	177	13JUL2006 - 13JUL2006	1	0.374		0.374	0.374	0.374	0.374	0.374	0	0	0.00%
S332C	TOT. CD	ug/L	103	27JUL2006 - 27JUL2006	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	# OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S332C	TOT. CU	ug/L	104	27JUL2006 - 27JUL2006	1	1.2		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S332C	TOT. ULTRA TRACE HG	ug/L	207	27JUL2006 - 27JUL2006	1	0.001		0.001	0.001	0.001	0.001	0.001	0	0	0.00%
S332C	TOT. ZN	ug/L	105	27JUL2006 - 27JUL2006	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
S332C	DIS. ORGAN. C	mg/L	89;181	13JUL2006 - 10JAN2007	3	9.000	1.732	8.000	8.000	8.000	11.000	11.000	0	0	0.00%
S332C	TOT. DIS. P	mg P/L	26	03MAY2006 - 23AUG2006	9	0.004	0.003	0.002	0.002	0.002	0.005	0.009	0	0	0.00%
S332C	TOT. FIL RES.	mg/L	97	13JUL2006 - 13JUL2006	1	346.000		346.000	346.000	346.000	346.000	346.000	0	0	0.00%
S332CAuto	TN	mg N/L	80	10MAY2006 - 18APR2007	20	1.181	0.390	0.680	0.919	1.032	1.501	2.170	0	0	0.00%
S332CAuto	NOX	mg N/L	18;180	10MAY2006 - 28MAR2007	17	0.056	0.034	0.010	0.024	0.063	0.090	0.099	0	0	0.00%
S332CAuto	TKN	mg N/L	21	10MAY2006 - 18APR2007	20	1.133	0.383	0.650	0.870	0.995	1.415	2.170	0	0	0.00%
S332CAuto	TP	mg P/L	25	10MAY2006 - 18APR2007	19	0.012	0.006	0.005	0.006	0.011	0.013	0.028	0	0	0.00%
S332D	DO	mg/L	8	03MAY2006 - 25APR2007	45	4.293	2.280	0.260	2.660	5.010	5.900	9.310	0	22	48.89%
S332D	FLDCOND.	UMHOS/CM	9	03MAY2006 - 25APR2007	44	551.084	44.545	466.000	528.500	543.000	588.500	652.000	0	0	0.00%
S332D	PH	UNITS	10	03MAY2006 - 25APR2007	45	7.508	0.203	7.120	7.400	7.500	7.600	8.000	0	0	0.00%
S332D	TURBIDITY	NTU	12	03MAY2006 - 18APR2007	21	1.657	0.743	0.600	1.100	1.400	2.300	3.000	0	0	0.00%
S332D	TSS	mg/L	16	03MAY2006 - 18APR2007	22	3.000	0.000	<3	<3	<3	<3	<3	22	0	0.00%
S332D	HARDNESS	mg/L CaCO3	35	12JUL2006 - 18APR2007	5	221.78	10.3268	213	213	217	232.9	233	0	0	0.00%
S332D	TEMP	CENT	7	03MAY2006 - 25APR2007	46	24.987	2.172	20.600	23.400	25.250	26.100	29.400	0	0	0.00%
S332D	ALKALINITY	mg/L	67	12JUL2006 - 18APR2007	5	212.000	4.301	208.000	209.000	210.000	215.000	218.000	0	0	0.00%
S332D	TN	mg N/L	80	03MAY2006 - 18APR2007	32	0.936	0.317	0.580	0.669	0.868	1.140	2.028	0	0	0.00%
S332D	NOX	mg N/L	18;180	17MAY2006 - 18APR2007	27	0.059	0.048	0.007	0.018	0.042	0.108	0.161	0	0	0.00%
S332D	NO2	mg N/L	19	03MAY2006 - 18APR2007	22	0.004	0.001	<0.002	<0.004	<0.004	<0.004	0.007	18	0	0.00%
S332D	NO3	mg N/L	78	17MAY2006 - 18APR2007	19	0.062	0.048	0.007	0.016	0.062	0.108	0.161	0	0	0.00%
S332D	NH4	mg N/L	20	03MAY2006 - 18APR2007	22	0.142	0.088	<0.009	0.074	0.129	0.160	0.322	1	0	0.00%
S332D	UN-IONIZED AMMONIA	mg/L	NONE	03MAY2006 - 25APR2007	21	0.003	0.002	0.000	0.002	0.003	0.005	0.008	0	0	0.00%
S332D	NNH4	mg N/L	92	17MAY2006 - 18APR2007	20	0.207	0.112	0.010	0.117	0.196	0.297	0.411	0	0	0.00%
S332D	ORGN	mg N/L	79	03MAY2006 - 18APR2007	22	0.737	0.201	0.513	0.570	0.689	0.832	1.166	0	0	0.00%
S332D	TKN	mg N/L	21	03MAY2006 - 18APR2007	32	0.886	0.299	0.560	0.660	0.800	1.025	2.010	0	0	0.00%
S332D	OPO4	mg P/L	23	03MAY2006 - 18APR2007	23	0.004	0.001	<0.002	<0.004	<0.004	<0.004	0.009	20	0	0.00%
S332D	TP	mg P/L	25	03MAY2006 - 25APR2007	45	0.007	0.003	0.004	0.005	0.006	0.009	0.016	0	0	0.00%
S332D	DIS. CA	mg/L	30	12JUL2006 - 18APR2007	6	76.450	3.272	73.900	74.300	74.600	80.300	81.000	0	0	0.00%
S332D	DIS. K	mg/L	29	12JUL2006 - 18APR2007	5	2.540	0.089	2.400	2.500	2.600	2.600	2.600	0	0	0.00%
S332D	DIS. MG	mg/L	31	12JUL2006 - 18APR2007	6	7.100	0.603	6.300	6.600	7.150	7.500	7.900	0	0	0.00%
S332D	DIS. NA	mg/L	28	12JUL2006 - 18APR2007	5	27.840	1.826	24.900	27.600	28.000	29.200	29.500	0	0	0.00%
S332D	TOT. CL	mg/L	32	03MAY2006 - 18APR2007	23	44.830	7.483	35.700	39.100	41.900	48.700	63.400	0	0	0.00%
S332D	TOT. SO4	mg/L	33	12JUL2006 - 18APR2007	5	1.900	1.643	0.900	1.000	1.200	1.600	4.800	0	0	0.00%
S332D	DIS. SILICA	mg/L	27	12JUL2006 - 18APR2007	5	6.158	0.900	4.630	6.130	6.480	6.640	6.910	0	0	0.00%
S332D	TOT. FE	mg/L	177	12JUL2006 - 18APR2007	4	0.273	0.107	0.166	0.200	0.253	0.347	0.420	0	0	0.00%
S332D	TOT. CD	ug/L	103	27JUL2006 - 18JAN2007	2	0.300	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S332D	TOT. CU	ug/L	104	27JUL2006 - 18JAN2007	2	1.600	0.566	<1.2	<1.2	<2	<1.6	<2	2	0	0.00%
S332D	TOT. ULTRA TRACE HG	ug/L	207	27JUL2006 - 03APR2007	4	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0	0	0.00%
S332D	TOT. MTHY HG	ug/L	203	27JUL2006 - 03APR2007	4	0.000	0.000	<0.000022	0.000	0.000	0.000	0.000	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
S332D	TOT. ZN	ug/L	105	27JUL2006 - 18JAN2007	2	4.000	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S332D	DIS. ORGAN. C	mg/L	89;181	12JUL2006 - 18APR2007	5	10.420	3.689	8.000	8.000	9.000	10.300	16.800	0	0	0.00%
S332D	TOT. DIS. P	mg P/L	26	03MAY2006 - 28DEC2006	15	0.003	0.002	<0.002	0.002	0.003	0.003	0.010	1	0	0.00%
S332D	TOT. FIL RES.	mg/L	97	12JUL2006 - 18APR2007	5	313.000	17.029	290.000	311.000	312.000	314.000	338.000	0	0	0.00%
S332DASAuto	TN	mg N/L	80	03MAY2006 - 18APR2007	23	1.107	0.574	0.612	0.771	0.980	1.213	3.204	0	0	0.00%
S332DASAuto	NOX	mg N/L	18;180	03MAY2006 - 11APR2007	21	0.042	0.026	0.012	0.025	0.030	0.060	0.103	0	0	0.00%
S332DASAuto	TKN	mg N/L	21	03MAY2006 - 18APR2007	23	1.069	0.566	0.600	0.740	0.980	1.170	3.130	0	0	0.00%
S332DASAuto	TP	mg P/L	25	03MAY2006 - 18APR2007	23	0.009	0.006	0.005	0.006	0.007	0.010	0.030	0	0	0.00%
BERMB3	DO	mg/L	8	26JUL2006 - 26JUL2006	1	0.690		0.690	0.690	0.690	0.690	0.690	0	1	100.00%
BERMB3	FLDCOND.	UMHOS/CM	9	26JUL2006 - 26JUL2006	1	305.000		305.000	305.000	305.000	305.000	305.000	0	0	0.00%
BERMB3	PH	UNITS	10	26JUL2006 - 26JUL2006	1	7.090		7.090	7.090	7.090	7.090	7.090	0	0	0.00%
BERMB3	TURBIDITY	NTU	12	26JUL2006 - 26JUL2006	1	1.100		1.100	1.100	1.100	1.100	1.100	0	0	0.00%
BERMB3	TSS	mg/L	16	26JUL2006 - 26JUL2006	1	3.000		<3	<3	<3	<3	<3	1	0	0.00%
BERMB3	HARDNESS	mg/L CaCO3	35	27JUL2006 - 27JUL2006	1	150.000		150.000	150.000	150.000	150.000	150.000	0	0	0.00%
BERMB3	TEMP	CENT	7	26JUL2006 - 26JUL2006	1	29.500		29.500	29.500	29.500	29.500	29.500	0	0	0.00%
BERMB3	TOTAL DEPTH	METERS	99	27JUL2006 - 27JUL2006	2	0.200	0.000	0.200	0.200	0.200	0.200	0.200	0	0	0.00%
BERMB3	TN	mg N/L	80	26JUL2006 - 26JUL2006	1	0.910		0.910	0.910	0.910	0.910	0.910	0	0	0.00%
BERMB3	NO2	mg N/L	19	26JUL2006 - 26JUL2006	1	0.004		<0.004	<0.004	<0.004	<0.004	<0.004	1	0	0.00%
BERMB3	NH4	mg N/L	20	26JUL2006 - 26JUL2006	1	0.009		<0.009	<0.009	<0.009	<0.009	<0.009	1	0	0.00%
BERMB3	UNIONIZED AMMONIA	mg/L	NONE	26JUL2006 - 27JUL2006	1	0.000		0.000	0.000	0.000	0.000	0.000	0	0	0.00%
BERMB3	ORGN	mg N/L	79	26JUL2006 - 26JUL2006	1	0.910		0.910	0.910	0.910	0.910	0.910	0	0	0.00%
BERMB3	TKN	mg N/L	21	26JUL2006 - 26JUL2006	1	0.910		0.910	0.910	0.910	0.910	0.910	0	0	0.00%
BERMB3	OPO4	mg P/L	23	26JUL2006 - 26JUL2006	1	0.008		0.008	0.008	0.008	0.008	0.008	0	0	0.00%
BERMB3	TP	mg P/L	25	26JUL2006 - 26JUL2006	1	0.036		0.036	0.036	0.036	0.036	0.036	0	0	0.00%
BERMB3	DIS. CA	mg/L	30	27JUL2006 - 27JUL2006	1	53.500		53.500	53.500	53.500	53.500	53.500	0	0	0.00%
BERMB3	DIS. MG	mg/L	31	27JUL2006 - 27JUL2006	1	4.000		4.000	4.000	4.000	4.000	4.000	0	0	0.00%
BERMB3	TOT. CL	mg/L	32	26JUL2006 - 26JUL2006	1	8.400		8.400	8.400	8.400	8.400	8.400	0	0	0.00%
BERMB3	TOT. CD	ug/L	103	27JUL2006 - 27JUL2006	1	0.300		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
BERMB3	TOT. CU	ug/L	104	27JUL2006 - 27JUL2006	1	1.700		1.700	1.700	1.700	1.700	1.700	0	0	0.00%
BERMB3	TOT. ULTRA TRACE HG	ug/L	207	27JUL2006 - 27JUL2006	1	0.002		0.002	0.002	0.002	0.002	0.002	0	0	0.00%
BERMB3	TOT. ZN	ug/L	105	27JUL2006 - 27JUL2006	1	4.000		<4	<4	<4	<4	<4	1	0	0.00%
BERMB3	TOT. DIS. P	mg P/L	26	26JUL2006 - 26JUL2006	1	0.034		0.034	0.034	0.034	0.034	0.034	0	0	0.00%