

Appendix 8B-1b: Summary Statistics of Non-ECP Water Quality Monitoring Data for Water Year 2001

Appendices Note

Summary statistics are tabulated in Table 3 for all parameters collected during Water Year 4 at Non-ECP water quality monitoring sites. Table 2 depicts the parameter names and associated Florida Class III Fresh Water Surface Criteria.

Additionally, the parameter summary statistics shown in Table 3 are sequenced according to the order shown in Table 1, and the monitoring sites are sequenced based on the order shown in Table 2.

The Non-ECP structure locations are depicted in Figure 1, Appendix 8B-1.

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

Parameter Name	Abbreviated Parameter Name	Units	SFWMD Lab Number	Class III Criteria Predominantly Fresh Surface Waters Section 62-302.530, F.A.C.
PHYSICAL				
% Saturation, Dissolved Oxygen	% SAT. DO	percent	76	None
Dissolved Oxygen	DO	mg/L	8	Not be less than 5.0 mg/L
Specific Conductance (Field)	FLDCOND.	umhos/cm	9	Not greater than 50% above background or 1,275 μ mhos/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	NO ₂	mg N/L	19	narrative criteria
Nitrate	NO ₃	mg N/L	78	narrative criteria
Ammonium	NH ₄	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	NNH ₄	mg N/L	92	narrative criteria
Organic Nitrogen	ORGN	mg N/L	79	narrative criteria
Total Keldhal Nitrogen	TKN	mg N/L	21	narrative criteria
Ortho-Phosphorus	OPO ₄	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. SO ₄	mg/L	33	None
Total Chlorides	TOT. CL	mg/L	32	None
TRACE ELEMENTS				
Total Arsenic	TOT. AS	ug/L	106	Less than or equal to 50 μ g/L
Total Cadmium	TOT. CD	ug/L	103	Less than or equal to calculated value using: $e^{(0.7852[\ln(\text{Hardness})-3.49])}$ ug/L
Total Copper	TOT. CU	ug/L	104	Less than or equal to calculated value using: $e^{(0.8545[\ln(\text{Hardness})-1.465])}$ ug/L
Total Lead	TOT. PB	ug/L	107	Less than or equal to calculated value using: $e^{(1.273[\ln(\text{Hardness})-4.705])}$ ug/L
Total Zinc	TOT. ZN	ug/L	105	Less than or equal to calculated value using: $e^{(0.8473[\ln(\text{Hardness})+0.7614])}$ ug/L
Total Iron	TOT. FE	mg/L	177	Less than or equal to 1.0 mg/L
BIOLOGICAL				
Carotenoid	CAROTENOID or CAROT	mg/m ³	63	None
Chlorophyll-A	CHLA	mg/m ³	61	None
Chlorophyll-A2	CHLA2	mg/m ³	112	None
Chlorophyll-B	CHLB	mg/m ³	62	None
Chlorophyll-C	CHLC	mg/m ³	113	None
Pheophytin-A	PHEOPHYTIN A	mg/m ³	64	None

Table 2. Reference table for cross-referencing water quality monitoring sites with Non-ECP discharge structures and the monitoring data summary statistics shown in Table 3

STRUCTURE CATEGORY	Non-ECP PERMIT STRUCTURE	WATER QUALITY SAMPLING SITE	Comments
INTO	ACME1DS	ACME1DS	
	ACME1 + (Upstream of ACME1DS)	VOW1	Autosampler installed upstream of pump station during WY2001
	G-94D	G94D	
	ACME2 + (Upstream of G94D)	VOW2	Autosampler installed upstream of pump station during WY2001
	G-123	G123	Autosampler installed upstream of pump station during WY2001
	S-9	S9	
	S-14	S14	Structure closed, no data collected at this site during May 1, 2000 - April 30, 2001.
	S-18C	S18C	
	S-140	S140	Autosampler installed upstream of pump station during WY2001
	S-175	S175	
	S-190	S190	Autosampler installed upstream of pump station during WY2001
	S-332	S332	
	NSID (S38B)	S38B	
WITHIN	G-64	G64	
	G-69	G69	Structure closed, no data collected at this site during May 1, 2000 - April 30, 2001.
	G-71, S-346, S-347	S12D	
	S-10E	S10E	
	S-141	S34	
	S-142	S142	
	S-143	S11A	
	S-144	S144	
	S-145	S145	
	S-146	S146	
	S-151	S151	
	S-333	S333	
	S-339, S-340	C123SR84	
FROM	G-94A, G-94B, G-94C	G94B	Additional samples collected downstream of G-94C during March & April 2001
	S-31, S-337	S31	
	S-34	S34	
	S-38	S38	
	S-39	S39	
	S-197	S197	
	S-334	S334	
	S-343A, S-343B	US41-25	
	S-344	S344	
C-111 BASIN	S-174 +	S176	
	S-177 +	S177	
	S-178 +	S178	
	S-331 +, S-173 +	S331-173	

Note:

- 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, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001).
Table 3 continues through Page App. 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
ACME1DS	% SAT. DO	PERCENT	76	22MAY2000 - 26FEB2001	11	55.98	22.53	16.95	40.42	62.73	74.35	85.10	0	0	0.00%
ACME1DS	DO	mg/L	8	22MAY2000 - 23APR2001	13	5.40	2.64	1.35	4.70	5.42	6.37	12.01	0	4	30.77%
ACME1DS	FLDCOND.	UMHOS/CM	9	22MAY2000 - 23APR2001	13	716.38	214.58	349.00	595.00	696.00	811.00	1217.00	0	0	0.00%
ACME1DS	PH	UNITS	10	22MAY2000 - 23APR2001	13	7.57	0.43	7.12	7.23	7.58	7.73	8.57	0	1	7.69%
ACME1DS	TURBIDITY	NTU	12	22MAY2000 - 23APR2001	13	5.31	2.67	1.69	3.10	4.94	6.85	11.70	0	0	0.00%
ACME1DS	TSS	mg/L	16	22MAY2000 - 23APR2001	13	6.72	4.03	1.40	4.00	4.00	10.00	13.00	0	0	0.00%
ACME1DS	COLOR	UNITS	13	22MAY2000 - 23APR2001	13	110.54	37.94	60.00	82.00	111.00	128.00	204.00	0	0	0.00%
ACME1DS	HARDNESS	mg/L CaCO3	35	18JUL2000 - 23APR2001	5	191.32	59.83	129.40	141.55	191.69	216.84	277.10	0	0	0.00%
ACME1DS	TEMP	CENT	7	22MAY2000 - 23APR2001	13	25.19	4.11	15.20	23.15	25.09	28.61	29.53	0	0	0.00%
ACME1DS	ALKALINITY	mg/L	67	22MAY2000 - 23APR2001	13	195.85	47.11	126.60	166.40	193.20	220.90	306.20	0	0	0.00%
ACME1DS	TN	mg N/L	80	22MAY2000 - 23APR2001	13	2.086	0.634	1.186	1.900	1.961	2.105	3.666	0	0	0.00%
ACME1DS	NOX	mg N/L	18	22MAY2000 - 23APR2001	13	0.104	0.175	<0.004	0.012	0.033	0.070	0.576	1	0	0.00%
ACME1DS	NO2	mg N/L	19	22MAY2000 - 23APR2001	13	0.023	0.038	<0.004	0.004	0.008	0.023	0.144	2	0	0.00%
ACME1DS	NO3	mg N/L	78	22MAY2000 - 23APR2001	13	0.081	0.139	<0.004	0.008	0.020	0.047	0.432	1	0	0.00%
ACME1DS	NH4	mg N/L	20	22MAY2000 - 23APR2001	13	0.103	0.097	<0.009	0.019	0.061	0.201	0.286	2	0	0.00%
ACME1DS	UN-IONIZED AM	mg/L as NH3	CALC	22MAY2000 - 23APR2001	13	0.0035	0.0048	0.0001	0.0007	0.0011	0.0051	0.0172	0	0	0.00%
ACME1DS	NNH4	mg N/L	92	22MAY2000 - 23APR2001	13	0.206	0.243	<0.009	0.044	0.073	0.271	0.778	1	0	0.00%
ACME1DS	ORGN	mg N/L	79	22MAY2000 - 23APR2001	13	1.881	0.436	1.186	1.660	1.902	1.956	2.888	0	0	0.00%
ACME1DS	TKN	mg N/L	21	22MAY2000 - 23APR2001	13	1.983	0.476	1.186	1.865	1.948	2.017	3.090	0	0	0.00%
ACME1DS	OPO4	mg P/L	23	22MAY2000 - 23APR2001	13	0.025	0.025	0.005	0.010	0.016	0.030	0.099	0	0	0.00%
ACME1DS	TP	mg P/L	25	22MAY2000 - 23APR2001	13	0.080	0.042	0.035	0.047	0.069	0.092	0.170	0	0	0.00%
ACME1DS	DIS. CA	mg/L	30	18JUL2000 - 23APR2001	5	61.27	19.14	39.49	43.69	65.84	73.36	83.96	0	0	0.00%
ACME1DS	DIS. K	mg/L	29	18JUL2000 - 23APR2001	4	5.33	1.64	3.43	4.30	5.22	6.36	7.45	0	0	0.00%
ACME1DS	DIS. MG	mg/L	31	18JUL2000 - 23APR2001	5	9.31	4.44	4.93	6.63	8.18	10.44	16.39	0	0	0.00%
ACME1DS	DIS. NA	mg/L	28	18JUL2000 - 23APR2001	4	55.40	16.23	46.58	46.65	47.66	64.15	79.70	0	0	0.00%
ACME1DS	TOT. CL	mg/L	32	22MAY2000 - 23APR2001	13	96.23	25.99	70.48	72.47	89.45	112.28	160.03	0	0	0.00%
ACME1DS	TOT. SO4	mg/L	33	18JUL2000 - 23APR2001	5	23.19	10.85	10.30	20.96	21.36	22.95	40.40	0	0	0.00%
ACME1DS	DIS. SILICA	mg/L	27	18JUL2000 - 23APR2001	5	10.21	3.50	7.50	7.89	8.48	11.32	15.87	0	0	0.00%
ACME1DS	TOT. FE	mg/L	177	18JUL2000 - 23APR2001	4	0.22	0.08	0.10	0.16	0.24	0.28	0.29	0	0	0.00%
ACME1DS	TOT. AS	ug/L	106	18JUL2000 - 18JUL2000	1	4.32		4.32	4.32	4.32	4.32	4.32	0	0	0.00%
ACME1DS	TOT. CD	ug/L	103	18JUL2000 - 24JAN2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
ACME1DS	TOT. CU	ug/L	104	18JUL2000 - 24JAN2001	2	2.14	1.33	<1.2	<1.2	0.94	3.08	3.08	1	0	0.00%
ACME1DS	TOT. PB	ug/L	107	18JUL2000 - 18JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
ACME1DS	TOT. ZN	ug/L	105	18JUL2000 - 24JAN2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW1	DO	mg/L	8	11JUL2000 - 20MAR2001	3	5.19	0.96	4.30	4.30	5.08	6.20	6.20	0	1	33.33%
VOW1	FLDCOND.	UMHOS/CM	9	11JUL2000 - 20MAR2001	3	844.33	43.25	815.00	815.00	824.00	894.00	894.00	0	0	0.00%
VOW1	PH	UNITS	10	11JUL2000 - 20MAR2001	3	7.67	0.07	7.60	7.60	7.67	7.73	7.73	0	0	0.00%
VOW1	TEMP	CENT	7	11JUL2000 - 20MAR2001	3	26.39	3.42	23.37	23.37	25.70	30.10	30.10	0	0	0.00%
VOW1	TP	mg P/L	25	11JUL2000 - 29MAR2001	26	0.057	0.034	<0.0081	0.035	0.050	0.060	0.170	1	0	0.00%
VOW1Auto	TP	mg P/L	25	11JUL2000 - 30NOV2000	11	0.06	0.02	0.03	0.05	0.05	0.06	0.10	0	0	0.00%
G94D	% SAT. DO	PERCENT	76	22MAY2000 - 26FEB2001	11	58.74	28.59	23.85	40.53	52.53	63.85	127.25	0	0	0.00%
G94D	DO	mg/L	8	22MAY2000 - 23APR2001	13	4.99	2.20	1.87	3.66	4.54	5.36	9.64	0	7	53.85%
G94D	FLDCOND.	UMHOS/CM	9	22MAY2000 - 23APR2001	13	629.69	220.99	313.00	507.00	568.00	672.00	1219.00	0	0	0.00%
G94D	PH	UNITS	10	22MAY2000 - 23APR2001	13	7.47	0.28	7.22	7.33	7.39	7.52	8.24	0	0	0.00%
G94D	TURBIDITY	NTU	12	22MAY2000 - 23APR2001	13	6.10	3.44	1.73	3.42	5.31	9.15	12.50	0	0	0.00%
G94D	TSS	mg/L	16	22MAY2000 - 23APR2001	13	8.46	4.53	2.00	5.00	8.20	10.00	19.40	0	0	0.00%
G94D	COLOR	UNITS	13	22MAY2000 - 23APR2001	13	106.54	41.94	63.00	83.00	90.00	116.00	207.00	0	0	0.00%
G94D	HARDNESS	mg/L CaCO3	35	18JUL2000 - 23APR2001	5	168.67	31.41	142.16	147.34	149.73	192.04	212.09	0	0	0.00%
G94D	TEMP	CENT	7	22MAY2000 - 23APR2001	13	25.51	4.31	16.02	22.94	25.35	28.97	32.57	0	0	0.00%
G94D	ALKALINITY	mg/L	67	22MAY2000 - 23APR2001	13	182.32	48.03	130.10	153.10	179.90	197.10	308.70	0	0	0.00%
G94D	TN	mg N/L	80	22MAY2000 - 23APR2001	13	1.981	0.709	1.208	1.403	1.791	2.194	3.827	0	0	0.00%
G94D	NOX	mg N/L	18	22MAY2000 - 23APR2001	13	0.139	0.279	<0.004	0.007	0.014	0.061	0.864	1	0	0.00%
G94D	NO2	mg N/L	19	22MAY2000 - 23APR2001	13	0.024	0.041	<0.004	<0.004	0.005	0.018	0.138	4	0	0.00%
G94D	NO3	mg N/L	78	22MAY2000 - 23APR2001	13	0.117	0.242	<0.004	0.005	0.014	0.043	0.779	3	0	0.00%
G94D	NH4	mg N/L	20	22MAY2000 - 23APR2001	13	0.064	0.062	<0.009	<0.009	0.052	0.094	0.182	5	0	0.00%
G94D	UN-IONIZED AM	mg/L as NH3	CALC	22MAY2000 - 23APR2001	13	0.0015	0.0015	0.0001	0.0002	0.0011	0.0018	0.0044	0	0	0.00%
G94D	NNH4	mg N/L	92	22MAY2000 - 23APR2001	13	0.199	0.305	<0.009	0.007	0.106	0.194	0.916	1	0	0.00%
G94D	ORGN	mg N/L	79	22MAY2000 - 23APR2001	13	1.782	0.512	1.102	1.396	1.697	1.937	3.016	0	0	0.00%
G94D	TKN	mg N/L	21	22MAY2000 - 23APR2001	13	1.842	0.556	1.176	1.396	1.697	1.937	3.180	0	0	0.00%
G94D	OPO4	mg P/L	23	22MAY2000 - 23APR2001	13	0.045	0.059	0.004	0.010	0.015	0.071	0.205	0	0	0.00%
G94D	TP	mg P/L	25	22MAY2000 - 23APR2001	13	0.121	0.083	0.039	0.070	0.093	0.150	0.305	0	0	0.00%
G94D	DIS. CA	mg/L	30	18JUL2000 - 23APR2001	5	55.37	15.90	39.96	41.69	53.14	64.28	77.79	0	0	0.00%
G94D	DIS. K	mg/L	29	18JUL2000 - 23APR2001	4	4.36	0.96	3.35	3.64	4.25	5.09	5.58	0	0	0.00%
G94D	DIS. MG	mg/L	31	18JUL2000 - 23APR2001	5	7.39	3.09	4.14	4.34	7.66	10.30	10.51	0	0	0.00%
G94D	DIS. NA	mg/L	28	18JUL2000 - 23APR2001	4	30.06	13.86	16.04	18.51	29.33	41.61	45.52	0	0	0.00%
G94D	TOT. CL	mg/L	32	22MAY2000 - 23APR2001	13	73.13	35.39	24.79	59.47	67.99	88.81	156.86	0	0	0.00%
G94D	TOT. SO4	mg/L	33	18JUL2000 - 23APR2001	5	16.18	3.99	10.37	16.10	16.27	16.52	21.63	0	0	0.00%
G94D	DIS. SILICA	mg/L	27	18JUL2000 - 23APR2001	5	7.14	0.44	6.63	6.98	7.12	7.14	7.85	0	0	0.00%
G94D	TOT. FE	mg/L	177	18JUL2000 - 23APR2001	4	0.56	0.49	0.07	0.14	0.58	0.98	1.02	0	1	25.00%
G94D	TOT. AS	ug/L	106	18JUL2000 - 18JUL2000	1	3.93		3.93	3.93	3.93	3.93	3.93	0	0	0.00%
G94D	TOT. CD	ug/L	103	18JUL2000 - 24JAN2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
G94D	TOT. CU	ug/L	104	18JUL2000 - 24JAN2001	2	1.97	1.09	<1.2	0.77	2.74	2.74	2.74	1	0	0.00%
G94D	TOT. PB	ug/L	107	18JUL2000 - 18JUL2000	1	0.85		0.85	0.85	0.85	0.85	0.85	0	0	0.00%
G94D	TOT. ZN	ug/L	105	18JUL2000 - 24JAN2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
VOW2	DO	mg/L	8	11JUL2000 - 20MAR2001	3	4.56	0.41	4.20	4.20	4.48	5.00	5.00	0	2	66.67%
VOW2	FLDCOND.	UMHOS/CM	9	11JUL2000 - 20MAR2001	3	440.67	104.51	337.00	337.00	439.00	546.00	546.00	0	0	0.00%
VOW2	PH	UNITS	10	11JUL2000 - 20MAR2001	3	7.39	0.13	7.30	7.30	7.33	7.54	7.54	0	0	0.00%
VOW2	TEMP	CENT	7	11JUL2000 - 20MAR2001	3	26.02									

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
G123	% SAT. DO	PERCENT	76	31MAY2000 - 19FEB2001	15	33.95	30.24	6.35	10.45	23.69	58.57	102.51	0	0	0.00%
G123	DO	mg/L	8	31MAY2000 - 02APR2001	17	2.71	2.23	0.52	0.91	2.06	4.44	8.03	0	15	88.24%
G123	FLDCOND.	UMHOS/CM	9	31MAY2000 - 02APR2001	17	745.37	111.61	593.00	669.30	707.00	804.00	1046.00	0	0	0.00%
G123	PH	UNITS	10	31MAY2000 - 02APR2001	17	7.38	0.20	7.02	7.29	7.39	7.52	7.74	0	0	0.00%
G123	TURBIDITY	NTU	12	31MAY2000 - 02APR2001	14	1.17	0.30	0.72	0.98	1.12	1.29	1.81	0	0	0.00%
G123	TSS	mg/L	16	31MAY2000 - 02APR2001	14	1.63	0.91	<1	<1	<3	1.00	3.00	8	0	0.00%
G123	COLOR	UNITS	13	31MAY2000 - 02APR2001	14	52.86	6.94	38.00	49.00	54.00	59.00	64.00	0	0	0.00%
G123	HARDNESS	mg/L CaCO3	35	24JUL2000 - 25APR2001	4	237.96	36.38	197.15	207.74	239.85	268.18	275.00	0	0	0.00%
G123	TEMP	CENT	7	31MAY2000 - 02APR2001	17	25.60	3.14	20.04	23.27	25.49	28.15	29.83	0	0	0.00%
G123	ALKALINITY	mg/L	67	31MAY2000 - 02APR2001	14	236.79	31.01	198.90	211.70	226.30	268.70	286.80	0	0	0.00%
G123	TN	mg N/L	80	31MAY2000 - 02APR2001	14	1.500	0.270	1.164	1.344	1.451	1.572	2.072	0	0	0.00%
G123	NOX	mg N/L	18	31MAY2000 - 02APR2001	14	0.019	0.029	<0.004	0.006	0.009	0.013	0.112	1	0	0.00%
G123	NO2	mg N/L	19	31MAY2000 - 02APR2001	14	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.013	10	0	0.00%
G123	NO3	mg N/L	78	31MAY2000 - 02APR2001	14	0.017	0.025	<0.004	0.006	0.008	0.013	0.099	1	0	0.00%
G123	NH4	mg N/L	20	31MAY2000 - 02APR2001	14	0.348	0.233	0.013	0.044	0.379	0.539	0.682	0	0	0.00%
G123	UN-IONIZED AM	mg/L as NH3	CALC	31MAY2000 - 25APR2001	14	0.0057	0.0041	0.0004	0.0013	0.0050	0.0094	0.0122	0	0	0.00%
G123	NNH4	mg N/L	92	31MAY2000 - 02APR2001	14	0.367	0.221	0.019	0.146	0.387	0.539	0.686	0	0	0.00%
G123	ORGN	mg N/L	79	31MAY2000 - 02APR2001	14	1.133	0.293	0.813	0.980	1.085	1.130	2.014	0	0	0.00%
G123	TKN	mg N/L	21	31MAY2000 - 02APR2001	14	1.481	0.282	1.120	1.331	1.447	1.544	2.064	0	0	0.00%
G123	OPO4	mg P/L	23	31MAY2000 - 02APR2001	14	0.005	0.001	<0.004	<0.004	0.004	0.005	0.006	6	0	0.00%
G123	TP	mg P/L	25	31MAY2000 - 02APR2001	18	0.012	0.004	0.008	0.009	0.011	0.013	0.021	0	0	0.00%
G123	DIS. CA	mg/L	30	24JUL2000 - 25APR2001	4	71.21	10.15	60.82	62.74	70.85	79.69	82.33	0	0	0.00%
G123	DIS. K	mg/L	29	24JUL2000 - 25APR2001	4	3.41	0.31	3.02	3.20	3.41	3.62	3.78	0	0	0.00%
G123	DIS. MG	mg/L	31	24JUL2000 - 25APR2001	4	14.61	2.79	11.00	12.41	15.29	16.81	16.87	0	0	0.00%
G123	DIS. NA	mg/L	28	24JUL2000 - 25APR2001	4	53.25	9.15	45.37	45.42	52.42	61.08	62.79	0	0	0.00%
G123	TOT. CL	mg/L	32	31MAY2000 - 02APR2001	14	84.91	20.90	63.35	73.71	83.09	88.41	150.38	0	0	0.00%
G123	TOT. SO4	mg/L	33	24JUL2000 - 02APR2001	4	2.21	0.86	1.08	1.67	2.29	2.75	3.17	0	0	0.00%
G123	DIS. SILICA	mg/L	27	24JUL2000 - 02APR2001	4	11.97	1.32	10.82	11.10	11.60	12.84	13.84	0	0	0.00%
G123	TOT. FE	mg/L	177	24JUL2000 - 25APR2001	4	0.25	0.09	0.13	0.18	0.27	0.33	0.33	0	0	0.00%
G123	TOT. AS	ug/L	106	24JUL2000 - 24JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
G123	TOT. CD	ug/L	103	24JUL2000 - 14FEB2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
G123	TOT. CU	ug/L	104	24JUL2000 - 14FEB2001	2	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
G123	TOT. PB	ug/L	107	24JUL2000 - 24JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
G123	TOT. ZN	ug/L	105	24JUL2000 - 14FEB2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
G123Auto	TP	mg P/L	25	12SEP2000 - 25APR2001	31	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0	0	0.00%
S9	% SAT. DO	PERCENT	76	02MAY2000 - 06MAR2001	44	31.89	16.62	9.19	16.37	31.82	42.80	84.95	0	0	0.00%
S9	DO	mg/L	8	02MAY2000 - 24APR2001	51	2.64	1.80	0.75	1.33	2.56	3.56	8.45	0	48	94.12%
S9	FLDCOND.	UMHOS/CM	9	02MAY2000 - 24APR2001	51	747.58	60.48	621.00	723.00	741.00	787.00	939.00	0	0	0.00%
S9	PH	UNITS	10	02MAY2000 - 24APR2001	51	7.18	0.23	6.12	7.09	7.19	7.24	7.86	0	0	0.00%
S9	TURBIDITY	NTU	12	30MAY2000 - 17APR2001	15	3.27	1.74	0.75	2.52	3.06	3.43	7.58	0	0	0.00%
S9	TSS	mg/L	16	30MAY2000 - 17APR2001	15	2.85	1.05	<3	<3	2.00	3.60	5.00	6	0	0.00%
S9	COLOR	UNITS	13	30MAY2000 - 17APR2001	15	49.87	7.21	40.00	44.00	47.00	57.00	63.00	0	0	0.00%
S9	HARDNESS	mg/L CaCO3	35	11JUL2000 - 25APR2001	4	255.03	23.64	234.65	234.94	252.38	275.11	280.70	0	0	0.00%
S9	TEMP	CENT	7	02MAY2000 - 24APR2001	51	25.76	2.50	20.95	24.24	25.45	27.79	31.86	0	0	0.00%
S9	ALKALINITY	mg/L	67	30MAY2000 - 17APR2001	15	253.41	22.88	216.40	235.10	258.30	277.30	284.60	0	0	0.00%
S9	TN	mg N/L	80	30MAY2000 - 17APR2001	15	1.390	0.261	0.665	1.280	1.409	1.566	1.789	0	0	0.00%
S9	NOX	mg N/L	18	30MAY2000 - 17APR2001	15	0.069	0.051	0.005	0.025	0.055	0.104	0.163	0	0	0.00%
S9	NO2	mg N/L	19	30MAY2000 - 17APR2001	15	0.008	0.004	<0.004	<0.004	0.006	0.011	0.014	4	0	0.00%
S9	NO3	mg N/L	78	30MAY2000 - 17APR2001	15	0.062	0.047	0.005	0.025	0.049	0.092	0.149	0	0	0.00%
S9	NH4	mg N/L	20	30MAY2000 - 17APR2001	15	0.349	0.146	0.175	0.204	0.363	0.410	0.655	0	0	0.00%
S9	UN-IONIZED AM	mg/L as NH3	CALC	02MAY2000 - 25APR2001	15	0.0034	0.0011	0.0006	0.0025	0.0036	0.0041	0.0050	0	0	0.00%
S9	NNH4	mg N/L	92	30MAY2000 - 17APR2001	15	0.418	0.135	0.200	0.277	0.436	0.526	0.660	0	0	0.00%
S9	ORGN	mg N/L	79	30MAY2000 - 17APR2001	15	0.972	0.277	0.153	0.905	0.972	1.066	1.530	0	0	0.00%
S9	TKN	mg N/L	21	30MAY2000 - 17APR2001	15	1.321	0.279	0.563	1.185	1.342	1.470	1.734	0	0	0.00%
S9	OPO4	mg P/L	23	30MAY2000 - 17APR2001	15	0.005	0.003	<0.004	<0.004	0.004	0.005	0.014	6	0	0.00%
S9	TP	mg P/L	25	02MAY2000 - 24APR2001	50	0.018	0.019	0.009	0.012	0.014	0.018	0.140	0	0	0.00%
S9	DIS. CA	mg/L	30	11JUL2000 - 25APR2001	4	78.69	5.02	72.79	74.86	78.71	82.53	84.57	0	0	0.00%
S9	DIS. K	mg/L	29	11JUL2000 - 25APR2001	4	3.41	0.39	3.06	3.07	3.40	3.75	3.77	0	0	0.00%
S9	DIS. MG	mg/L	31	11JUL2000 - 25APR2001	4	14.22	3.11	10.48	11.67	14.75	16.78	16.91	0	0	0.00%
S9	DIS. NA	mg/L	28	11JUL2000 - 25APR2001	4	48.89	6.97	39.89	44.07	49.49	53.72	56.70	0	0	0.00%
S9	TOT. CL	mg/L	32	30MAY2000 - 17APR2001	15	70.95	6.16	58.96	68.64	71.51	75.17	81.18	0	0	0.00%
S9	TOT. SO4	mg/L	33	11JUL2000 - 17APR2001	5	3.57	1.23	2.06	2.56	3.80	4.66	4.79	0	0	0.00%
S9	DIS. SILICA	mg/L	27	11JUL2000 - 17APR2001	5	11.78	1.79	9.78	10.03	12.36	12.90	13.83	0	0	0.00%
S9	TOT. FE	mg/L	177	11JUL2000 - 25APR2001	4	0.26	0.16	0.08	0.14	0.26	0.38	0.44	0	0	0.00%
S9	TOT. AS	ug/L	106	11JUL2000 - 11JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S9	TOT. CD	ug/L	103	11JUL2000 - 14FEB2001	2	0.33	0.04	<0.3	<0.3	0.03	0.36	0.36	1	0	0.00%
S9	TOT. CU	ug/L	104	11JUL2000 - 14FEB2001	2	2.54	1.89	<1.2	<1.2	1.34	3.87	3.87	1	0	0.00%
S9	TOT. PB	ug/L	107	11JUL2000 - 11JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S9	TOT. ZN	ug/L	105	11JUL2000 - 14FEB2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S9Auto	TN	mg N/L	80	06JUN2000 - 03APR2001	31	1.41	0.20	<0.5	1.35	1.45	1.51	1.69	1	0	0.00%
S9Auto	NOX	mg N/L	18	06JUN2000 - 03APR2001	31	0.073	0.051	0.014	0.038	0.062	0.113	0.239	0	0	0.00%
S9Auto	NH4	mg N/L	20	06JUN2000 - 03APR2001	31	0.350	0.092	0.213	0.270	0.323	0.432	0.499	0	0	0.00%
S9Auto	NNH4	mg N/L	92	06JUN2000 - 03APR2001	31	0.423	0.087	0.254	0.354	0.425	0.508	0.549	0	0	0.00%
S9Auto	ORGN	mg N/L	79	06JUN2000 - 03APR2001	30	1.013	0.091	0.885	0.944	1.006	1.071	1.249	0	0	0.00%
S9Auto	TKN	mg N/L	21	06JUN2000 - 03APR2001	30	1.364	0.113	1.126	1.315	1.381	1.442	1.546	0	0	0.00%
S9Auto	TP	mg P/L	25	06JUN2000 - 03APR2001	30	0.017	0.009	0.010	0.012	0.016	0.019	0.058	0	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S14	HARDNESS	mg/L CaCO3	35	23JAN2001 - 23JAN2001	1	178.50		178.50	178.50	178.50	178.50	178.50	0	0	0.00%
S14	DIS. CA	mg/L	30	23JAN2001 - 23JAN2001	1	66.30		66.30	66.30	66.30	66.30	66.30	0	0	0.00%
S14	DIS. MG	mg/L	31	23JAN2001 - 23JAN2001	1	3.15		3.15	3.15	3.15	3.15	3.15	0	0	0.00%
S14	TOT. CD	ug/L	103	23JAN2001 - 23JAN2001	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S14	TOT. CU	ug/L	104	23JAN2001 - 23JAN2001	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S14	TOT. ZN	ug/L	105	23JAN2001 - 23JAN2001	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%
S18C	% SAT. DO	PERCENT	76	04MAY2000 - 28FEB2001	25	56.78	29.44	8.73	27.85	66.46	82.28	97.80	0	0	0.00%
S18C	DO	mg/L	8	04MAY2000 - 25APR2001	29	5.19	2.57	0.73	2.84	6.04	7.29	8.67	0	12	41.38%
S18C	FLDCOND.	UMHOS/CM	9	04MAY2000 - 25APR2001	29	539.94	54.94	482.00	501.30	520.90	548.00	694.00	0	0	0.00%
S18C	PH	UNITS	10	04MAY2000 - 25APR2001	29	7.67	0.35	7.07	7.34	7.79	7.99	8.09	0	0	0.00%
S18C	TURBIDITY	NTU	12	24MAY2000 - 25APR2001	17	2.02	1.04	0.84	1.24	2.01	2.27	5.20	0	0	0.00%
S18C	TSS	mg/L	16	24MAY2000 - 25APR2001	17	2.09	0.91	<1	<3	<3	1.40	3.00	10	0	0.00%
S18C	COLOR	UNITS	13	24MAY2000 - 25APR2001	17	16.59	7.04	8.00	12.00	15.00	21.00	33.00	0	0	0.00%
S18C	HARDNESS	mg/L CaCO3	35	24MAY2000 - 25APR2001	18	217.27	12.65	200.45	210.30	214.28	221.76	247.60	0	0	0.00%
S18C	TEMP	CENT	7	04MAY2000 - 25APR2001	29	25.13	3.06	18.40	23.61	25.57	27.35	29.38	0	0	0.00%
S18C	ALKALINITY	mg/L	67	24MAY2000 - 25APR2001	17	206.61	14.66	181.90	198.90	205.70	208.60	246.20	0	0	0.00%
S18C	SALINITY	UNITS	98	17JAN2001 - 28MAR2001	2	0.27	0.06	0.23	0.23	0.27	0.31	0.31	0	0	0.00%
S18C	TN	mg N/L	80	24MAY2000 - 25APR2001	17	0.641	0.193	<0.5	<0.5	<0.5	0.712	1.055	9	0	0.00%
S18C	NOX	mg N/L	18	24MAY2000 - 25APR2001	17	0.053	0.048	0.004	0.015	0.036	0.082	0.150	0	0	0.00%
S18C	NO2	mg N/L	19	24MAY2000 - 25APR2001	16	0.006	0.004	<0.004	<0.004	0.000	0.007	0.017	8	0	0.00%
S18C	NO3	mg N/L	78	24MAY2000 - 25APR2001	16	0.052	0.045	0.004	0.016	0.035	0.077	0.133	0	0	0.00%
S18C	NH4	mg N/L	20	24MAY2000 - 25APR2001	17	0.075	0.056	<0.009	0.018	0.073	0.110	0.181	2	0	0.00%
S18C	UN-IONIZED AM	mg/L as NH3	CALC	04MAY2000 - 25APR2001	17	0.0013	0.0008	0.0004	0.0008	0.0010	0.0016	0.0031	0	0	0.00%
S18C	NNH4	mg N/L	92	24MAY2000 - 25APR2001	17	0.127	0.074	0.004	0.103	0.126	0.192	0.245	0	0	0.00%
S18C	ORGN	mg N/L	79	24MAY2000 - 25APR2001	17	0.578	0.150	<0.5	<0.5	<0.5	0.642	0.933	9	0	0.00%
S18C	TKN	mg N/L	21	24MAY2000 - 25APR2001	17	0.614	0.154	<0.5	<0.5	<0.5	0.701	0.970	9	0	0.00%
S18C	OPO4	mg P/L	23	24MAY2000 - 25APR2001	16	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.009	13	0	0.00%
S18C	ALKALINE PHO	nM/minml	168	24MAY2000 - 28MAR2001	12	9.93	7.24	1.90	5.10	8.20	11.45	27.00	0	0	0.00%
S18C	TP	mg P/L	25	04MAY2000 - 25APR2001	29	0.008	0.002	0.004	0.006	0.008	0.009	0.015	0	0	0.00%
S18C	DIS. CA	mg/L	30	24MAY2000 - 25APR2001	18	76.51	3.28	70.98	74.34	77.10	78.68	81.79	0	0	0.00%
S18C	DIS. K	mg/L	29	24MAY2000 - 25APR2001	17	4.07	0.81	2.98	3.18	4.08	4.94	5.10	0	0	0.00%
S18C	DIS. MG	mg/L	31	24MAY2000 - 25APR2001	18	6.37	2.07	4.90	5.07	5.21	6.59	10.54	0	0	0.00%
S18C	DIS. NA	mg/L	28	24MAY2000 - 25APR2001	17	23.87	5.88	17.36	20.05	21.10	25.64	35.10	0	0	0.00%
S18C	TOT. CL	mg/L	32	24MAY2000 - 25APR2001	17	37.42	8.18	30.62	32.57	34.06	36.28	53.29	0	0	0.00%
S18C	TOT. SO4	mg/L	33	06JUL2000 - 25APR2001	6	8.76	6.32	<0.1	5.09	7.88	15.75	15.86	1	0	0.00%
S18C	DIS. SILICA	mg/L	27	06JUL2000 - 25APR2001	6	5.09	1.17	3.28	4.60	5.04	5.86	6.72	0	0	0.00%
S18C	TOT. FE	mg/L	177	24MAY2000 - 25APR2001	15	0.20	0.12	0.02	0.07	0.22	0.29	0.42	0	0	0.00%
S18C	TOT. AS	ug/L	106	24MAY2000 - 20DEC2000	9	1.50	0.000	<1.5	<1.5	<1.5	<1.5	<1.5	9	0	0.00%
S18C	TOT. CD	ug/L	103	24MAY2000 - 22JAN2001	10	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	10	0	0.00%
S18C	TOT. CU	ug/L	104	24MAY2000 - 22JAN2001	10	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	10	0	0.00%
S18C	TOT. PB	ug/L	107	24MAY2000 - 20DEC2000	9	0.80	0.000	<0.8	<0.8	<0.8	<0.8	<0.8	9	0	0.00%
S18C	TOT. ZN	ug/L	105	24MAY2000 - 22JAN2001	10	4.06	0.20	<4	<4	<4	<4	4.63	9	0	0.00%
S18C	CAROTENOID	mg/m3	63	24MAY2000 - 25APR2001	17	1.38	0.54	<1	<1	1.10	1.70	2.70	6	0	0.00%
S18C	CHLA	mg/m3	61	24MAY2000 - 25APR2001	17	2.73	1.40	1.20	1.80	2.40	3.10	6.80	0	0	0.00%
S18C	CHLA2	mg/m3	112	24MAY2000 - 25APR2001	17	2.61	1.23	1.40	1.70	2.40	3.10	6.10	0	0	0.00%
S18C	CHLB	mg/m3	62	24MAY2000 - 25APR2001	17	1.00	0.000	<1	<1	<1	<1	<1	17	0	0.00%
S18C	CHLC	mg/m3	113	24MAY2000 - 25APR2001	17	1.00	0.000	<1	<1	<1	<1	<1	17	0	0.00%
S18C	PHEOPHYTIN A	mg/m3	64	24MAY2000 - 25APR2001	17	1.00	0.000	<1	<1	<1	<1	<1	17	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S140	% SAT. DO	PERCENT	76	23MAY2000 - 30JAN2001	11	42.28	19.19	18.44	25.29	37.27	51.65	79.87	0	0	0.00%
S140	DO	mg/L	8	23MAY2000 - 24APR2001	14	4.42	2.31	1.58	2.36	3.98	6.61	8.36	0	9	64.29%
S140	FLDCOND.	UMHOS/CM	9	23MAY2000 - 24APR2001	14	475.11	107.97	263.00	385.30	525.00	554.00	574.90	0	0	0.00%
S140	PH	UNITS	10	23MAY2000 - 24APR2001	14	7.39	0.50	6.63	7.07	7.34	7.77	8.10	0	0	0.00%
S140	TURBIDITY	NTU	12	23MAY2000 - 24APR2001	14	1.85	0.74	0.86	1.20	1.91	2.01	3.58	0	0	0.00%
S140	TSS	mg/L	16	23MAY2000 - 24APR2001	13	2.66	1.23	<3	1.00	1.80	4.00	4.40	2	0	0.00%
S140	COLOR	UNITS	13	23MAY2000 - 24APR2001	13	76.15	26.07	46.00	57.00	62.00	90.00	129.00	0	0	0.00%
S140	HARDNESS	mg/L CaCO3	35	18JUL2000 - 13FEB2001	3	178.56	58.36	113.34	113.34	196.49	225.85	225.85	0	0	0.00%
S140	TEMP	CENT	7	23MAY2000 - 24APR2001	14	25.45	3.55	17.55	24.13	25.14	28.57	29.77	0	0	0.00%
S140	ALKALINITY	mg/L	67	23MAY2000 - 24APR2001	14	185.53	37.50	108.20	153.40	201.70	214.80	226.90	0	0	0.00%
S140	TN	mg N/L	80	23MAY2000 - 24APR2001	13	1.234	0.093	1.097	1.157	1.228	1.303	1.388	0	0	0.00%
S140	NOX	mg N/L	18	23MAY2000 - 24APR2001	13	0.038	0.050	<0.004	0.007	0.018	0.033	0.147	3	0	0.00%
S140	NO2	mg N/L	19	23MAY2000 - 24APR2001	14	0.005	0.002	<0.004	<0.004	0.004	0.006	0.009	6	0	0.00%
S140	NO3	mg N/L	78	23MAY2000 - 24APR2001	13	0.034	0.047	<0.004	0.007	0.013	0.029	0.140	3	0	0.00%
S140	NH4	mg N/L	20	23MAY2000 - 24APR2001	13	0.063	0.051	<0.009	0.012	0.076	0.096	0.148	3	0	0.00%
S140	UN-IONIZED AM	mg/L as NH3	CALC	23MAY2000 - 24APR2001	13	0.0008	0.0004	0.0002	0.0004	0.0007	0.0011	0.0016	0	0	0.00%
S140	NNH4	mg N/L	92	23MAY2000 - 24APR2001	13	0.100	0.072	<0.009	0.035	0.112	0.153	0.223	2	0	0.00%
S140	ORGN	mg N/L	79	23MAY2000 - 24APR2001	13	1.136	0.049	1.074	1.099	1.122	1.180	1.228	0	0	0.00%
S140	TKN	mg N/L	21	23MAY2000 - 24APR2001	13	1.197	0.081	1.097	1.128	1.195	1.265	1.328	0	0	0.00%
S140	OPO4	mg P/L	23	23MAY2000 - 24APR2001	14	0.035	0.065	<0.004	0.004	0.013	0.032	0.253	3	0	0.00%
S140	TP	mg P/L	25	23MAY2000 - 24APR2001	13	0.061	0.072	0.019	0.031	0.038	0.046	0.289	0	0	0.00%
S140	DIS. CA	mg/L	30	18JUL2000 - 13FEB2001	3	62.76	19.86	40.70	40.70	68.34	79.23	79.23	0	0	0.00%
S140	DIS. K	mg/L	29	18JUL2000 - 13FEB2001	3	3.26	0.35	2.87	2.87	3.36	3.55	3.55	0	0	0.00%
S140	DIS. MG	mg/L	31	18JUL2000 - 13FEB2001	3	5.31	2.15	2.85	2.85	6.28	6.81	6.81	0	0	0.00%
S140	DIS. NA	mg/L	28	18JUL2000 - 13FEB2001	3	22.20	11.93	8.77	8.77	26.23	31.59	31.59	0	0	0.00%
S140	TOT. CL	mg/L	32	23MAY2000 - 24APR2001	14	32.54	10.11	12.02	26.29	34.01	42.48	45.06	0	0	0.00%
S140	TOT. SO4	mg/L	33	18JUL2000 - 24APR2001	5	7.94	2.10	4.77	7.18	8.29	9.27	10.20	0	0	0.00%
S140	DIS. SILICA	mg/L	27	18JUL2000 - 24APR2001	5	5.86	1.88	3.28	5.23	5.47	7.26	8.07	0	0	0.00%
S140	TOT. FE	mg/L	177	18JUL2000 - 13FEB2001	3	0.21	0.15	0.03	0.03	0.27	0.32	0.32	0	0	0.00%
S140	TOT. AS	ug/L	106	18JUL2000 - 18JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S140	TOT. CD	ug/L	103	18JUL2000 - 13FEB2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S140	TOT. CU	ug/L	104	18JUL2000 - 13FEB2001	2	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S140	TOT. PB	ug/L	107	18JUL2000 - 18JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S140	TOT. ZN	ug/L	105	18JUL2000 - 13FEB2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S140Auto	TP	mg P/L	25	02AUG2000 - 25APR2001	37	0.05	0.04	0.02	0.02	0.03	0.05	0.24	0	0	0.00%
S175	% SAT. DO	PERCENT	76	04MAY2000 - 28FEB2001	25	57.19	15.00	3.66	52.12	57.74	63.87	91.90	0	0	0.00%
S175	DO	mg/L	8	04MAY2000 - 25APR2001	29	4.83	1.26	0.30	4.31	4.95	5.20	7.52	0	16	55.17%
S175	FLDCOND.	UMHOS/CM	9	04MAY2000 - 25APR2001	29	523.51	61.09	415.00	465.00	519.00	563.70	651.00	0	0	0.00%
S175	PH	UNITS	10	04MAY2000 - 25APR2001	29	7.59	0.18	7.27	7.46	7.60	7.72	7.97	0	0	0.00%
S175	TURBIDITY	NTU	12	24MAY2000 - 11APR2001	12	1.63	0.43	1.19	1.32	1.45	1.90	2.65	0	0	0.00%
S175	TSS	mg/L	16	24MAY2000 - 11APR2001	12	1.75	0.94	<1	<2	<3	1.20	3.00	8	0	0.00%
S175	COLOR	UNITS	13	24MAY2000 - 11APR2001	12	24.08	11.43	11.00	13.50	23.00	31.00	50.00	0	0	0.00%
S175	HARDNESS	mg/L CaCO3	35	24MAY2000 - 11APR2001	13	215.25	14.54	200.24	202.82	214.16	222.39	250.52	0	0	0.00%
S175	TEMP	CENT	7	04MAY2000 - 25APR2001	29	25.63	2.73	18.25	24.13	26.13	27.84	29.17	0	0	0.00%
S175	ALKALINITY	mg/L	67	24MAY2000 - 11APR2001	12	211.40	13.30	190.70	199.70	209.70	221.90	234.80	0	0	0.00%
S175	SALINITY	UNITS	98	17JAN2001 - 28MAR2001	2	0.23	0.000	0.23	0.23	0.23	0.23	0.23	0	0	0.00%
S175	TN	mg N/L	80	24MAY2000 - 11APR2001	13	0.790	0.234	<0.5	<0.5	0.823	0.958	1.240	4	0	0.00%
S175	NOX	mg N/L	18	24MAY2000 - 11APR2001	12	0.058	0.031	0.017	0.038	0.053	0.072	0.125	0	0	0.00%
S175	NO2	mg N/L	19	24MAY2000 - 11APR2001	12	0.004	0.001	<0.004	<0.004	<0.004	0.000	0.006	9	0	0.00%
S175	NO3	mg N/L	78	24MAY2000 - 11APR2001	12	0.057	0.030	0.017	0.038	0.053	0.069	0.121	0	0	0.00%
S175	NH4	mg N/L	20	24MAY2000 - 11APR2001	12	0.145	0.073	0.027	0.092	0.136	0.207	0.249	0	0	0.00%
S175	UN-IONIZED AM	mg/L as NH3	CALC	04MAY2000 - 25APR2001	12	0.0034	0.0011	0.0014	0.0027	0.0035	0.0041	0.0049	0	0	0.00%
S175	NNH4	mg N/L	92	24MAY2000 - 11APR2001	12	0.203	0.090	0.044	0.123	0.226	0.280	0.308	0	0	0.00%
S175	ORGN	mg N/L	79	24MAY2000 - 11APR2001	12	0.616	0.167	<0.5	<0.5	0.527	0.691	1.033	4	0	0.00%
S175	TKN	mg N/L	21	24MAY2000 - 11APR2001	13	0.748	0.214	<0.5	<0.5	0.735	0.907	1.164	4	0	0.00%
S175	OPO4	mg P/L	23	24MAY2000 - 11APR2001	12	0.004	0.000	<0.004	<0.004	<0.004	0.000	0.005	9	0	0.00%
S175	ALKALINE PHO	nM/minl	168	24MAY2000 - 11APR2001	11	10.28	10.52	1.70	4.00	5.80	20.70	34.80	0	0	0.00%
S175	TP	mg P/L	25	04MAY2000 - 25APR2001	28	0.009	0.003	0.005	0.007	0.008	0.010	0.018	0	0	0.00%
S175	DIS. CA	mg/L	30	24MAY2000 - 11APR2001	13	75.52	2.69	70.60	73.91	74.91	77.59	80.96	0	0	0.00%
S175	DIS. K	mg/L	29	24MAY2000 - 11APR2001	12	1.86	0.68	0.83	1.27	1.94	2.29	2.86	0	0	0.00%
S175	DIS. MG	mg/L	31	24MAY2000 - 11APR2001	13	6.48	2.36	3.71	4.76	6.29	7.79	11.75	0	0	0.00%
S175	DIS. NA	mg/L	28	24MAY2000 - 11APR2001	12	24.56	7.33	15.07	17.69	25.57	27.68	37.72	0	0	0.00%
S175	TOT. CL	mg/L	32	24MAY2000 - 11APR2001	12	37.70	10.58	24.68	27.70	38.73	44.05	56.36	0	0	0.00%
S175	TOT. SO4	mg/L	33	19JUL2000 - 11APR2001	3	0.92	0.74	0.35	0.35	0.64	1.76	1.76	0	0	0.00%
S175	DIS. SILICA	mg/L	27	19JUL2000 - 11APR2001	4	5.82	1.00	4.87	4.98	5.77	6.67	6.89	0	0	0.00%
S175	TOT. FE	mg/L	177	24MAY2000 - 11APR2001	10	0.19	0.09	0.07	0.11	0.19	0.25	0.34	0	0	0.00%
S175	TOT. AS	ug/L	106	24MAY2000 - 20DEC2000	8	1.50	0.000	<1.5	<1.5	<1.5	<1.5	<1.5	8	0	0.00%
S175	TOT. CD	ug/L	103	24MAY2000 - 22JAN2001	9	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	9	0	0.00%
S175	TOT. CU	ug/L	104	24MAY2000 - 22JAN2001	9	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	9	0	0.00%
S175	TOT. PB	ug/L	107	24MAY2000 - 20DEC2000	8	0.80	0.000	<0.8	<0.8	<0.8	<0.8	<0.8	8	0	0.00%
S175	TOT. ZN	ug/L	105	24MAY2000 - 22JAN2001	9	4.02	0.05	<4	<4	<4	<4	<4	8	0	0.00%
S175	CAROTENOID	mg/m3	63	24MAY2000 - 11APR2001	12	1.47	0.42	<1	0.10	1.40	1.75	2.30	3	0	0.00%
S175	CHLA	mg/m3	61	24MAY2000 - 11APR2001	12	2.70	1.22	<1	1.90	2.35	3.75	4.80	2	0	0.00%
S175	CHLA2	mg/m3	112	24MAY2000 - 11APR2001	12	2.41	1.01	<1	1.45	2.40	3.20	3.90	1	0	0.00%
S175	CHLB	mg/m3	62	24MAY2000 - 11APR2001	12	1.00	0.000	<1	<1	<1	<1	<1	12	0	0.00%
S175	CHLC	mg/m3	113	24MAY2000 - 11APR2001	12	1.00	0.000	<1	<1	<1	<1	<1	12	0	0.00%
S175	PHEOPHYTIN A	mg/m3	64	24MAY2000 - 11APR2001	12	1.04	0.10	<1	<1	<1	<1	1.30	10	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S190	% SAT. DO	PERCENT	76	31MAY2000 - 20FEB2001	11	69.64	20.79	26.72	64.01	67.62	86.32	92.51	0	0	0.00%
S190	DO	mg/L	8	31MAY2000 - 17APR2001	13	6.16	1.89	2.28	5.06	6.64	7.48	8.59	0	2	15.38%
S190	FLDCOND.	UMHOS/CM	9	31MAY2000 - 17APR2001	13	587.86	69.42	403.00	564.00	603.00	619.00	673.00	0	0	0.00%
S190	PH	UNITS	10	31MAY2000 - 17APR2001	13	7.88	0.36	7.04	7.68	7.99	8.06	8.42	0	0	0.00%
S190	TURBIDITY	NTU	12	31MAY2000 - 17APR2001	13	2.79	1.11	1.20	2.15	2.32	3.80	4.69	0	0	0.00%
S190	TSS	mg/L	16	31MAY2000 - 17APR2001	12	3.38	1.06	<3	1.80	3.50	4.00	5.20	2	0	0.00%
S190	COLOR	UNITS	13	31MAY2000 - 17APR2001	13	53.85	26.61	32.00	40.00	46.00	55.00	136.00	0	0	0.00%
S190	HARDNESS	mg/L CaCO3	35	24JUL2000 - 17APR2001	5	234.65	36.50	172.03	234.82	249.67	253.10	263.65	0	0	0.00%
S190	TEMP	CENT	7	31MAY2000 - 17APR2001	13	26.09	4.86	15.91	22.43	29.09	29.54	31.49	0	0	0.00%
S190	ALKALINITY	mg/L	67	31MAY2000 - 17APR2001	13	233.90	22.26	163.80	231.90	241.70	244.10	248.50	0	0	0.00%
S190	TN	mg N/L	80	31MAY2000 - 17APR2001	13	1.039	0.192	0.715	0.934	1.053	1.086	1.529	0	0	0.00%
S190	NOX	mg N/L	18	31MAY2000 - 17APR2001	13	0.007	0.007	<0.004	<0.004	0.004	0.005	0.024	6	0	0.00%
S190	NO2	mg N/L	19	31MAY2000 - 17APR2001	13	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.005	11	0	0.00%
S190	NO3	mg N/L	78	31MAY2000 - 17APR2001	13	0.007	0.005	<0.004	<0.004	0.004	0.005	0.019	6	0	0.00%
S190	NH4	mg N/L	20	31MAY2000 - 17APR2001	13	0.023	0.038	<0.009	<0.009	<0.009	0.015	0.146	7	0	0.00%
S190	UN-IONIZED AM	mg/L as NH3	CALC	31MAY2000 - 17APR2001	13	0.0009	0.0004	0.0003	0.0006	0.0010	0.0012	0.0014	0	0	0.00%
S190	NNH4	mg N/L	92	31MAY2000 - 17APR2001	13	0.028	0.044	<0.009	<0.009	0.005	0.019	0.170	6	0	0.00%
S190	ORGN	mg N/L	79	31MAY2000 - 17APR2001	13	1.016	0.194	0.715	0.897	1.022	1.074	1.529	0	0	0.00%
S190	TKN	mg N/L	21	31MAY2000 - 17APR2001	13	1.034	0.193	0.715	0.926	1.048	1.086	1.529	0	0	0.00%
S190	OPO4	mg P/L	23	31MAY2000 - 17APR2001	13	0.022	0.059	<0.004	0.004	0.005	0.007	0.217	2	0	0.00%
S190	TP	mg P/L	25	31MAY2000 - 17APR2001	13	0.050	0.062	0.026	0.030	0.033	0.036	0.254	0	0	0.00%
S190	DIS. CA	mg/L	30	24JUL2000 - 17APR2001	5	82.78	13.47	60.28	80.41	89.63	90.28	93.30	0	0	0.00%
S190	DIS. K	mg/L	29	24JUL2000 - 17APR2001	4	2.69	0.33	2.30	2.47	2.68	2.91	3.10	0	0	0.00%
S190	DIS. MG	mg/L	31	24JUL2000 - 17APR2001	5	6.79	1.15	5.23	6.29	6.72	7.45	8.27	0	0	0.00%
S190	DIS. NA	mg/L	28	24JUL2000 - 17APR2001	4	25.71	6.97	16.56	20.31	27.24	31.12	31.80	0	0	0.00%
S190	TOT. CL	mg/L	32	31MAY2000 - 17APR2001	13	41.88	10.83	20.64	34.44	44.00	46.58	59.47	0	0	0.00%
S190	TOT. SO4	mg/L	33	24JUL2000 - 17APR2001	4	11.97	3.55	6.70	9.84	13.49	14.09	14.18	0	0	0.00%
S190	DIS. SILICA	mg/L	27	24JUL2000 - 17APR2001	4	7.43	5.16	0.25	3.87	8.64	10.99	12.18	0	0	0.00%
S190	TOT. FE	mg/L	177	24JUL2000 - 17APR2001	4	0.12	0.12	0.05	0.06	0.07	0.18	0.30	0	0	0.00%
S190	TOT. AS	ug/L	106	24JUL2000 - 24JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S190	TOT. CD	ug/L	103	24JUL2000 - 13FEB2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S190	TOT. CU	ug/L	104	24JUL2000 - 13FEB2001	2	1.23	0.05	<1.2	<1.2	0.03	1.26	1.26	1	0	0.00%
S190	TOT. PB	ug/L	107	24JUL2000 - 24JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S190	TOT. ZN	ug/L	105	24JUL2000 - 13FEB2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S190Auto	TP	mg P/L	25	02AUG2000 - 11APR2001	35	0.05	0.05	0.02	0.03	0.03	0.04	0.25	0	0	0.00%
S332	% SAT. DO	PERCENT	76	04MAY2000 - 28FEB2001	25	56.37	12.14	34.96	51.07	57.42	60.19	82.75	0	0	0.00%
S332	DO	mg/L	8	04MAY2000 - 25APR2001	29	4.67	0.91	2.78	4.11	4.74	5.01	6.73	0	21	72.41%
S332	FLDCOND.	UMHOS/CM	9	04MAY2000 - 25APR2001	29	528.43	64.55	438.00	470.80	524.00	562.00	697.00	0	0	0.00%
S332	PH	UNITS	10	04MAY2000 - 25APR2001	29	7.53	0.18	7.23	7.42	7.55	7.66	7.93	0	0	0.00%
S332	TURBIDITY	NTU	12	10MAY2000 - 25APR2001	13	1.67	0.34	1.12	1.43	1.69	1.82	2.37	0	0	0.00%
S332	TSS	mg/L	16	10MAY2000 - 25APR2001	13	1.77	1.01	<1	<1	<3	<3	1.00	11	0	0.00%
S332	COLOR	UNITS	13	10MAY2000 - 25APR2001	13	24.54	9.28	10.00	16.00	25.00	32.00	38.00	0	0	0.00%
S332	HARDNESS	mg/L CaCO3	35	10MAY2000 - 25APR2001	14	213.21	11.01	197.76	203.97	212.38	219.80	234.17	0	0	0.00%
S332	TEMP	CENT	7	04MAY2000 - 25APR2001	29	25.95	2.69	18.68	24.78	26.63	27.62	30.02	0	0	0.00%
S332	ALKALINITY	mg/L	67	10MAY2000 - 25APR2001	13	211.10	11.06	193.10	202.00	211.70	221.20	226.70	0	0	0.00%
S332	SALINITY	UNITS	98	17JAN2001 - 28MAR2001	2	0.23	0.000	0.23	0.23	0.23	0.23	0.23	0	0	0.00%
S332	TN	mg N/L	80	10MAY2000 - 25APR2001	15	0.817	0.223	<0.5	0.546	0.815	0.969	1.207	2	0	0.00%
S332	NOX	mg N/L	18	10MAY2000 - 25APR2001	13	0.049	0.027	<0.004	0.030	0.047	0.054	0.109	1	0	0.00%
S332	NO2	mg N/L	19	10MAY2000 - 25APR2001	13	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	7	0	0.00%
S332	NO3	mg N/L	78	10MAY2000 - 25APR2001	13	0.047	0.025	<0.004	0.030	0.045	0.054	0.105	1	0	0.00%
S332	NH4	mg N/L	20	10MAY2000 - 25APR2001	13	0.146	0.085	<0.009	0.100	0.136	0.208	0.271	1	0	0.00%
S332	UN-IONIZED AM	mg/L as NH3	CALC	04MAY2000 - 25APR2001	13	0.0030	0.0011	0.0007	0.0025	0.0030	0.0036	0.0049	0	0	0.00%
S332	NNH4	mg N/L	92	10MAY2000 - 25APR2001	13	0.195	0.099	<0.009	0.125	0.188	0.291	0.316	1	0	0.00%
S332	ORGN	mg N/L	79	10MAY2000 - 25APR2001	13	0.607	0.195	<0.5	0.407	0.553	0.728	1.019	2	0	0.00%
S332	TKN	mg N/L	21	10MAY2000 - 25APR2001	15	0.779	0.215	<0.5	0.507	0.767	0.903	1.155	2	0	0.00%
S332	OPO4	mg P/L	23	10MAY2000 - 25APR2001	13	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.006	9	0	0.00%
S332	ALKALINE PHO	nM/minml	168	10MAY2000 - 28MAR2001	11	13.10	11.17	2.90	4.70	8.60	23.40	34.80	0	0	0.00%
S332	TP	mg P/L	25	04MAY2000 - 25APR2001	29	0.009	0.003	0.005	0.007	0.008	0.009	0.017	0	0	0.00%
S332	DIS. CA	mg/L	30	10MAY2000 - 25APR2001	14	74.50	2.77	68.78	72.47	75.48	76.14	78.62	0	0	0.00%
S332	DIS. K	mg/L	29	10MAY2000 - 25APR2001	13	1.94	0.70	0.87	1.25	1.99	2.60	2.91	0	0	0.00%
S332	DIS. MG	mg/L	31	10MAY2000 - 25APR2001	14	6.60	2.25	3.78	4.68	6.39	7.92	10.70	0	0	0.00%
S332	DIS. NA	mg/L	28	10MAY2000 - 25APR2001	13	25.03	6.79	15.50	18.83	26.22	27.17	35.72	0	0	0.00%
S332	TOT. CL	mg/L	32	10MAY2000 - 25APR2001	13	39.19	10.70	24.77	28.54	39.94	44.89	56.89	0	0	0.00%
S332	TOT. SO4	mg/L	33	19JUL2000 - 31JAN2001	2	1.42	1.22	0.56	0.56	1.42	2.28	2.28	0	0	0.00%
S332	DIS. SILICA	mg/L	27	19JUL2000 - 25APR2001	4	5.94	0.83	5.13	5.24	5.87	6.64	6.87	0	0	0.00%
S332	TOT. FE	mg/L	177	10MAY2000 - 25APR2001	11	0.23	0.08	0.10	0.19	0.24	0.29	0.37	0	0	0.00%
S332	TOT. AS	ug/L	106	10MAY2000 - 20DEC2000	8	1.50	0.000	<1.5	<1.5	<1.5	<1.5	<1.5	8	0	0.00%
S332	TOT. CD	ug/L	103	10MAY2000 - 22JAN2001	9	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	9	0	0.00%
S332	TOT. CU	ug/L	104	10MAY2000 - 22JAN2001	9	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	9	0	0.00%
S332	TOT. PB	ug/L	107	10MAY2000 - 20DEC2000	8	0.80	0.000	<0.8	<0.8	<0.8	<0.8	<0.8	8	0	0.00%
S332	TOT. ZN	ug/L	105	10MAY2000 - 22JAN2001	9	4.59	1.02	<4	<4	<4	4.98	6.88	6	0	0.00%
S332	CAROTENOID	mg/m3	63	10MAY2000 - 25APR2001	13	1.83	0.92	<1	<1	1.70	2.30	3.90	4	0	0.00%
S332	CHLA	mg/m3	61	10MAY2000 - 25APR2001	13	3.45	2.29	<1	1.80	2.80	4.40	8.30	2	0	0.00%
S332	CHLA2	mg/m3	112	10MAY2000 - 25APR2001	13	3.08	1.81	<1	1.90	2.50	4.10	7.20	1	0	0.00%
S332	CHLB	mg/m3	62	10MAY2000 - 25APR2001	13	1.00	0.000	<1	<1	<1	<1	<1	13	0	0.00%
S332	CHLC	mg/m3	113	10MAY2000 - 25APR2001	13	1.00	0.000	<1	<1	<1	<1	<1	13	0	0.00%
S332	PHEOPHYTIN A	mg/m3	64	10MAY2000 - 25APR2001	13	1.15	0.33	<1	<1	<1	1.00	2.10	9	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S38B	% SAT. DO	PERCENT	76	24JUL2000 - 19FEB2001	5	40.26	23.07	17.10	31.34	35.77	38.25	78.85	0	0	0.00%
S38B	DO	mg/L	8	24JUL2000 - 19FEB2001	5	3.48	1.65	1.72	2.69	3.15	3.70	6.12	0	4	80.00%
S38B	FLDCOND.	UMHOS/CM	9	24JUL2000 - 19FEB2001	5	852.20	147.70	610.00	813.00	925.00	955.00	958.00	0	0	0.00%
S38B	PH	UNITS	10	24JUL2000 - 19FEB2001	5	7.54	0.27	7.28	7.42	7.49	7.52	8.00	0	0	0.00%
S38B	TURBIDITY	NTU	12	24JUL2000 - 19FEB2001	5	1.00	0.66	0.46	0.49	0.65	1.53	1.88	0	0	0.00%
S38B	TSS	mg/L	16	24JUL2000 - 19FEB2001	5	1.44	0.88	<1	<1	<1	<3	1.20	4	0	0.00%
S38B	COLOR	UNITS	13	24JUL2000 - 19FEB2001	5	85.40	35.03	28.00	78.00	100.00	104.00	117.00	0	0	0.00%
S38B	HARDNESS	mg/L CaCO3	35	24JUL2000 - 24JAN2001	4	250.14	38.52	200.38	223.16	253.60	277.12	292.97	0	0	0.00%
S38B	TEMP	CENT	7	24JUL2000 - 19FEB2001	5	21.98	6.00	15.36	17.37	22.52	24.03	30.61	0	0	0.00%
S38B	ALKALINITY	mg/L	67	24JUL2000 - 19FEB2001	5	225.70	36.08	167.50	214.30	244.80	246.00	255.90	0	0	0.00%
S38B	TN	mg N/L	80	24JUL2000 - 19FEB2001	5	1.642	0.503	0.786	1.656	1.820	1.852	2.094	0	0	0.00%
S38B	NOX	mg N/L	18	24JUL2000 - 19FEB2001	4	0.009	0.001	0.007	0.008	0.009	0.009	0.009	0	0	0.00%
S38B	NO2	mg N/L	19	24JUL2000 - 19FEB2001	5	0.004	0.000	<0.004	<0.004	<0.004	<0.004	0.004	4	0	0.00%
S38B	NO3	mg N/L	78	24JUL2000 - 19FEB2001	4	0.008	0.002	0.005	0.006	0.008	0.009	0.009	0	0	0.00%
S38B	NH4	mg N/L	20	24JUL2000 - 19FEB2001	5	0.015	0.004	<0.009	0.013	0.016	0.017	0.021	1	0	0.00%
S38B	UN-IONIZED AM	mg/L as NH3	CALC	24JUL2000 - 19FEB2001	5	0.0004	0.0003	0.0001	0.0002	0.0003	0.0004	0.0009	0	0	0.00%
S38B	NNH4	mg N/L	92	24JUL2000 - 19FEB2001	4	0.022	0.009	0.009	0.017	0.026	0.027	0.028	0	0	0.00%
S38B	ORGN	mg N/L	79	24JUL2000 - 19FEB2001	5	1.621	0.497	0.777	1.631	1.807	1.826	2.066	0	0	0.00%
S38B	TKN	mg N/L	21	24JUL2000 - 19FEB2001	5	1.635	0.505	0.777	1.647	1.820	1.843	2.087	0	0	0.00%
S38B	OPO4	mg P/L	23	24JUL2000 - 19FEB2001	5	0.005	0.001	0.004	0.004	0.005	0.005	0.006	0	0	0.00%
S38B	TP	mg P/L	25	24JUL2000 - 19FEB2001	5	0.014	0.003	0.009	0.012	0.016	0.016	0.016	0	0	0.00%
S38B	DIS. CA	mg/L	30	24JUL2000 - 24JAN2001	4	75.08	11.38	64.70	66.86	72.46	83.30	90.69	0	0	0.00%
S38B	DIS. K	mg/L	29	24JUL2000 - 24JAN2001	4	5.78	2.42	3.72	3.84	5.28	7.72	8.84	0	0	0.00%
S38B	DIS. MG	mg/L	31	24JUL2000 - 24JAN2001	4	15.22	8.99	6.81	7.63	14.48	22.82	25.13	0	0	0.00%
S38B	DIS. NA	mg/L	28	24JUL2000 - 24JAN2001	4	60.69	18.28	43.58	46.79	57.20	74.60	84.80	0	0	0.00%
S38B	TOT. CL	mg/L	32	24JUL2000 - 19FEB2001	5	106.31	28.25	62.04	94.34	120.39	126.93	127.87	0	0	0.00%
S38B	TOT. SO4	mg/L	33	24JUL2000 - 22JAN2001	3	39.70	7.71	31.70	31.70	40.31	47.08	47.08	0	0	0.00%
S38B	DIS. SILICA	mg/L	27	24JUL2000 - 22JAN2001	3	11.33	6.36	5.69	5.69	10.07	18.22	18.22	0	0	0.00%
S38B	TOT. FE	mg/L	177	24JUL2000 - 22JAN2001	3	0.03	0.02	0.02	0.02	0.03	0.05	0.05	0	0	0.00%
S38B	TOT. AS	ug/L	106	24JUL2000 - 24JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S38B	TOT. CD	ug/L	103	24JUL2000 - 24JAN2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S38B	TOT. CU	ug/L	104	24JUL2000 - 24JAN2001	2	2.28	0.07	2.22	2.22	2.28	2.33	2.33	0	0	0.00%
S38B	TOT. PB	ug/L	107	24JUL2000 - 24JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S38B	TOT. ZN	ug/L	105	24JUL2000 - 24JAN2001	2	9.92	8.37	<4	<4	5.92	15.83	15.83	1	0	0.00%
G64	% SAT. DO	PERCENT	76	01MAY2000 - 19FEB2001	19	30.19	19.33	12.87	16.77	22.36	39.27	86.18	0	0	0.00%
G64	DO	mg/L	8	01MAY2000 - 30APR2001	21	2.74	1.69	1.09	1.37	2.12	3.86	7.37	0	19	90.48%
G64	FLDCOND.	UMHOS/CM	9	01MAY2000 - 30APR2001	21	957.45	64.40	842.50	918.00	944.00	1017.00	1081.00	0	0	0.00%
G64	PH	UNITS	10	01MAY2000 - 30APR2001	21	7.44	0.32	6.89	7.31	7.37	7.57	8.29	0	0	0.00%
G64	TURBIDITY	NTU	12	01MAY2000 - 30APR2001	21	3.17	2.00	0.67	1.28	2.54	4.57	7.13	0	0	0.00%
G64	TSS	mg/L	16	01MAY2000 - 30APR2001	21	2.61	1.66	<3	<3	1.20	2.40	7.00	8	0	0.00%
G64	COLOR	UNITS	13	01MAY2000 - 30APR2001	21	87.33	16.44	68.00	73.00	78.00	98.00	119.00	0	0	0.00%
G64	HARDNESS	mg/L CaCO3	35	10JUL2000 - 19FEB2001	4	337.93	21.62	307.19	324.39	343.44	351.47	357.67	0	0	0.00%
G64	TEMP	CENT	7	01MAY2000 - 30APR2001	21	24.83	3.44	16.40	22.55	25.14	27.57	28.79	0	0	0.00%
G64	ALKALINITY	mg/L	67	01MAY2000 - 30APR2001	21	311.69	13.64	284.00	302.00	310.80	321.70	338.90	0	0	0.00%
G64	TN	mg N/L	80	01MAY2000 - 30APR2001	21	1.861	0.211	1.599	1.701	1.829	1.991	2.396	0	0	0.00%
G64	NOX	mg N/L	18	01MAY2000 - 30APR2001	21	0.033	0.027	<0.004	0.009	0.032	0.053	0.096	1	0	0.00%
G64	NO2	mg N/L	19	01MAY2000 - 30APR2001	21	0.006	0.005	<0.004	<0.004	0.005	0.007	0.026	6	0	0.00%
G64	NO3	mg N/L	78	01MAY2000 - 30APR2001	21	0.028	0.023	<0.004	0.009	0.025	0.045	0.077	2	0	0.00%
G64	NH4	mg N/L	20	01MAY2000 - 30APR2001	21	0.277	0.122	0.063	0.209	0.271	0.356	0.482	0	0	0.00%
G64	UN-IONIZED AM	mg/L as NH3	CALC	01MAY2000 - 30APR2001	21	0.0051	0.0023	0.0010	0.0037	0.0050	0.0062	0.0106	0	0	0.00%
G64	NNH4	mg N/L	92	01MAY2000 - 30APR2001	21	0.310	0.110	0.107	0.235	0.293	0.409	0.489	0	0	0.00%
G64	ORGN	mg N/L	79	01MAY2000 - 30APR2001	21	1.551	0.153	1.340	1.450	1.530	1.641	1.945	0	0	0.00%
G64	TKN	mg N/L	21	01MAY2000 - 30APR2001	21	1.829	0.220	1.543	1.648	1.791	1.968	2.387	0	0	0.00%
G64	OPO4	mg P/L	23	01MAY2000 - 30APR2001	21	0.006	0.002	0.004	0.005	0.005	0.006	0.011	0	0	0.00%
G64	TP	mg P/L	25	01MAY2000 - 30APR2001	21	0.022	0.006	0.015	0.018	0.021	0.026	0.035	0	0	0.00%
G64	DIS. CA	mg/L	30	10JUL2000 - 19FEB2001	4	93.22	5.34	85.73	90.03	94.39	96.41	98.37	0	0	0.00%
G64	DIS. K	mg/L	29	10JUL2000 - 30APR2001	5	5.22	0.12	5.04	5.18	5.23	5.28	5.38	0	0	0.00%
G64	DIS. MG	mg/L	31	10JUL2000 - 19FEB2001	4	25.55	2.05	22.63	24.16	26.18	26.94	27.22	0	0	0.00%
G64	DIS. NA	mg/L	28	10JUL2000 - 30APR2001	5	62.71	5.32	53.35	63.90	64.78	65.05	66.48	0	0	0.00%
G64	TOT. CL	mg/L	32	01MAY2000 - 30APR2001	21	95.29	8.56	80.40	91.05	93.61	96.62	115.53	0	0	0.00%
G64	TOT. SO4	mg/L	33	10JUL2000 - 30APR2001	5	30.82	12.54	18.68	22.80	24.95	39.17	48.51	0	0	0.00%
G64	DIS. SILICA	mg/L	27	10JUL2000 - 30APR2001	5	16.37	0.80	15.66	15.82	16.25	16.42	17.70	0	0	0.00%
G64	TOT. FE	mg/L	177	24JUL2000 - 16OCT2000	2	0.05	0.02	0.04	0.04	0.05	0.07	0.07	0	0	0.00%
G64	TOT. CD	ug/L	103	10JUL2000 - 24JUL2000	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
G64	TOT. CU	ug/L	104	10JUL2000 - 24JUL2000	2	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
G64	TOT. ZN	ug/L	105	10JUL2000 - 24JUL2000	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S12D	% SAT. DO	PERCENT	76	04MAY2000 - 26FEB2001	25	34.37	11.40	16.08	24.85	34.18	38.94	61.92	0	0	0.00%
S12D	DO	mg/L	8	04MAY2000 - 23APR2001	29	3.19	1.28	1.27	2.15	3.07	3.75	5.97	0	25	86.21%
S12D	FLDCOND.	UMHOS/CM	9	04MAY2000 - 23APR2001	29	442.52	114.88	260.00	356.00	415.00	558.00	646.00	0	0	0.00%
S12D	PH	UNITS	10	04MAY2000 - 23APR2001	29	7.31	0.09	7.13	7.26	7.32	7.37	7.52	0	0	0.00%
S12D	TURBIDITY	NTU	12	22MAY2000 - 23APR2001	17	1.49	0.89	0.43	0.85	1.40	2.17	3.34	0	0	0.00%
S12D	TSS	mg/L	16	22MAY2000 - 23APR2001	17	2.08	1.29	<1	<1	<3	2.00	5.00	10	0	0.00%
S12D	COLOR	UNITS	13	22MAY2000 - 23APR2001	17	42.41	17.97	19.00	26.00	39.00	53.00	75.00	0	0	0.00%
S12D	HARDNESS	mg/L CaCO3	35	22MAY2000 - 23APR2001	17	170.64	32.30	126.25	141.45	164.07	202.22	214.45	0	0	0.00%
S12D	TEMP	CENT	7	04MAY2000 - 23APR2001	29	25.19	4.05	15.86	23.39	25.57	28.43	31.11	0	0	0.00%
S12D	ALKALINITY	mg/L	67	22MAY2000 - 23APR2001	17	163.96	28.29	117.40	140.10	157.80	193.90	204.20	0	0	0.00%
S12D	SALINITY	UNITS	98	29JAN2001 - 26MAR2001	2	0.18	0.01	0.17	0.17	0.18	0.18	0.18	0	0	0.00%
S12D	TN	mg N/L	80	22MAY2000 - 23APR2001	18	1.140	0.219	0.782	0.966	1.126	1.226	1.529	0	0	0.00%
S12D	NOX	mg N/L	18	22MAY2000 - 23APR2001	17	0.056	0.055	0.015	0.023	0.040	0.069	0.242	0	0	0.00%
S12D	NO2	mg N/L	19	22MAY2000 - 23APR2001	17	0.006	0.004	<0.004	<0.004	0.004	0.007	0.019	8	0	0.00%
S12D	NO3	mg N/L	78	22MAY2000 - 23APR2001	17	0.052	0.051	0.015	0.023	0.038	0.064	0.223	0	0	0.00%
S12D	NH4	mg N/L	20	22MAY2000 - 23APR2001	17	0.061	0.051	<0.009	0.023	0.045	0.074	0.194	1	0	0.00%
S12D	UN-IONIZED AM	mg/L as NH3	CALC	04MAY2000 - 23APR2001	17	0.0010	0.0009	0.0001	0.0002	0.0006	0.0019	0.0031	0	0	0.00%
S12D	NNH4	mg N/L	92	22MAY2000 - 23APR2001	17	0.116	0.079	0.015	0.053	0.104	0.173	0.295	0	0	0.00%
S12D	ORGN	mg N/L	79	22MAY2000 - 23APR2001	17	1.020	0.180	0.767	0.902	1.005	1.112	1.345	0	0	0.00%
S12D	TKN	mg N/L	21	22MAY2000 - 23APR2001	18	1.087	0.208	0.767	0.943	1.065	1.210	1.481	0	0	0.00%
S12D	OPO4	mg P/L	23	22MAY2000 - 23APR2001	17	0.004	0.001	<0.004	<0.004	0.004	0.004	0.007	6	0	0.00%
S12D	ALKALINE PHO	nM/minml	168	22MAY2000 - 23APR2001	14	5.63	2.69	2.30	3.60	4.75	6.90	10.30	0	0	0.00%
S12D	TP	mg P/L	25	04MAY2000 - 23APR2001	29	0.017	0.007	0.006	0.011	0.016	0.019	0.033	0	0	0.00%
S12D	DIS. CA	mg/L	30	22MAY2000 - 23APR2001	17	55.57	7.53	45.45	49.86	53.71	61.90	69.01	0	0	0.00%
S12D	DIS. K	mg/L	29	22MAY2000 - 23APR2001	17	2.36	1.03	1.07	1.50	2.09	3.29	3.89	0	0	0.00%
S12D	DIS. MG	mg/L	31	22MAY2000 - 23APR2001	17	7.75	3.81	3.10	4.00	6.80	11.44	13.70	0	0	0.00%
S12D	DIS. NA	mg/L	28	22MAY2000 - 23APR2001	17	27.02	10.86	14.44	15.97	24.30	38.20	42.68	0	0	0.00%
S12D	TOT. CL	mg/L	32	22MAY2000 - 23APR2001	17	41.22	16.32	19.76	24.95	37.02	59.09	61.58	0	0	0.00%
S12D	TOT. SO4	mg/L	33	10OCT2000 - 29JAN2001	5	4.59	5.09	0.78	1.32	1.67	6.44	12.74	0	0	0.00%
S12D	DIS. SILICA	mg/L	27	17JUL2000 - 23APR2001	7	7.17	2.09	4.63	5.05	8.27	8.36	10.08	0	0	0.00%
S12D	TOT. FE	mg/L	177	22MAY2000 - 16JAN2001	13	0.11	0.05	0.03	0.07	0.11	0.14	0.22	0	0	0.00%
S12D	TOT. AS	ug/L	106	22MAY2000 - 02JAN2001	12	1.51	0.05	<1.5	<1.5	<1.5	<1.5	1.68	11	0	0.00%
S12D	TOT. CD	ug/L	103	22MAY2000 - 02JAN2001	12	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	12	0	0.00%
S12D	TOT. CU	ug/L	104	22MAY2000 - 02JAN2001	12	1.25	0.18	<1.2	<1.2	<1.2	<1.2	1.83	11	0	0.00%
S12D	TOT. PB	ug/L	107	22MAY2000 - 02JAN2001	12	0.80	0.000	<0.8	<0.8	<0.8	<0.8	<0.8	12	0	0.00%
S12D	TOT. ZN	ug/L	105	22MAY2000 - 02JAN2001	12	4.59	1.87	<4	<4	<4	<4	10.50	10	0	0.00%
S12D	CAROTENOID	mg/m3	63	22MAY2000 - 23APR2001	16	2.22	1.62	<1	<1	1.45	3.10	5.80	6	0	0.00%
S12D	CHLA	mg/m3	61	22MAY2000 - 23APR2001	16	5.29	5.13	<1	1.45	3.25	7.55	16.30	1	0	0.00%
S12D	CHLA2	mg/m3	112	22MAY2000 - 23APR2001	16	4.39	3.93	1.00	1.45	3.00	6.05	13.40	0	0	0.00%
S12D	CHLB	mg/m3	62	22MAY2000 - 23APR2001	16	1.00	0.000	<1	<1	<1	<1	<1	16	0	0.00%
S12D	CHLC	mg/m3	113	22MAY2000 - 23APR2001	16	1.04	0.13	<1	<1	<1	<1	1.50	14	0	0.00%
S12D	PHEOPHYTIN A	mg/m3	64	22MAY2000 - 23APR2001	16	1.86	1.68	<1	<1	<1	2.15	6.70	11	0	0.00%
S10E	% SAT. DO	PERCENT	76	22MAY2000 - 26FEB2001	9	32.09	20.18	5.85	19.49	29.69	42.93	66.16	0	0	0.00%
S10E	DO	mg/L	8	22MAY2000 - 23APR2001	11	3.65	2.57	0.47	1.68	3.46	6.65	7.60	0	8	72.73%
S10E	FLDCOND.	UMHOS/CM	9	22MAY2000 - 23APR2001	11	934.55	230.68	524.00	663.00	1025.00	1055.00	1250.00	0	0	0.00%
S10E	PH	UNITS	10	22MAY2000 - 23APR2001	11	7.40	0.28	7.07	7.19	7.33	7.51	7.98	0	0	0.00%
S10E	TURBIDITY	NTU	12	22MAY2000 - 23APR2001	12	8.65	5.49	2.39	4.07	7.49	12.65	18.70	0	0	0.00%
S10E	TSS	mg/L	16	22MAY2000 - 23APR2001	12	10.98	9.26	2.00	3.40	9.20	15.50	30.00	0	0	0.00%
S10E	COLOR	UNITS	13	22MAY2000 - 23APR2001	12	120.75	30.95	69.00	96.50	128.00	143.00	171.00	0	0	0.00%
S10E	HARDNESS	mg/L CaCO3	35	31JUL2000 - 29JAN2001	3	346.53	5.09	340.78	340.78	348.32	350.48	350.48	0	0	0.00%
S10E	TEMP	CENT	7	22MAY2000 - 23APR2001	11	24.97	4.01	15.40	23.29	25.12	28.19	29.05	0	0	0.00%
S10E	ALKALINITY	mg/L	67	22MAY2000 - 23APR2001	12	267.84	65.33	147.50	231.75	284.85	309.85	354.00	0	0	0.00%
S10E	TN	mg N/L	80	22MAY2000 - 23APR2001	12	2.649	1.032	1.374	2.118	2.319	3.191	4.974	0	0	0.00%
S10E	NOX	mg N/L	18	22MAY2000 - 23APR2001	12	0.244	0.503	0.005	0.006	0.021	0.161	1.643	0	0	0.00%
S10E	NO2	mg N/L	19	22MAY2000 - 23APR2001	12	0.021	0.030	<0.004	<0.004	0.005	0.029	0.096	4	0	0.00%
S10E	NO3	mg N/L	78	22MAY2000 - 23APR2001	12	0.225	0.474	<0.004	0.006	0.018	0.128	1.547	2	0	0.00%
S10E	NH4	mg N/L	20	22MAY2000 - 23APR2001	12	0.128	0.162	0.010	0.020	0.031	0.257	0.505	0	0	0.00%
S10E	UN-IONIZED AM	mg/L as NH3	CALC	22MAY2000 - 23APR2001	11	0.0022	0.0027	0.0001	0.0003	0.0012	0.0051	0.0077	0	0	0.00%
S10E	NNH4	mg N/L	92	22MAY2000 - 23APR2001	12	0.372	0.533	0.016	0.046	0.090	0.526	1.663	0	0	0.00%
S10E	ORGN	mg N/L	79	22MAY2000 - 23APR2001	12	2.277	0.580	1.275	1.894	2.255	2.640	3.311	0	0	0.00%
S10E	TKN	mg N/L	21	22MAY2000 - 23APR2001	12	2.406	0.644	1.294	2.106	2.304	2.816	3.509	0	0	0.00%
S10E	OPO4	mg P/L	23	22MAY2000 - 23APR2001	12	0.024	0.014	0.006	0.011	0.027	0.033	0.051	0	0	0.00%
S10E	TP	mg P/L	25	22MAY2000 - 23APR2001	12	0.077	0.047	0.030	0.052	0.060	0.097	0.200	0	0	0.00%
S10E	DIS. CA	mg/L	30	31JUL2000 - 29JAN2001	3	91.38	2.98	88.41	88.41	91.37	94.36	94.36	0	0	0.00%
S10E	DIS. K	mg/L	29	31JUL2000 - 23APR2001	4	8.43	1.15	7.04	7.48	8.62	9.37	9.43	0	0	0.00%
S10E	DIS. MG	mg/L	31	31JUL2000 - 29JAN2001	3	28.76	0.74	27.91	27.91	29.16	29.20	29.20	0	0	0.00%
S10E	DIS. NA	mg/L	28	31JUL2000 - 23APR2001	4	93.46	7.13	86.81	88.09	92.03	98.82	102.96	0	0	0.00%
S10E	TOT. CL	mg/L	32	22MAY2000 - 23APR2001	12	129.70	24.18	84.18	122.07	134.78	146.30	160.14	0	0	0.00%
S10E	TOT. SO4	mg/L	33	31JUL2000 - 23APR2001	4	51.81	7.62	42.93	45.47	52.88	58.15	58.54	0	0	0.00%
S10E	DIS. SILICA	mg/L	27	31JUL2000 - 23APR2001	4	16.42	11.35	0.07	9.39	19.70	23.44	26.19	0	0	0.00%
S10E	TOT. FE	mg/L	177	31JUL2000 - 29JAN2001	3	0.18	0.18	0.05	0.05	0.11	0.39	0.39	0	0	0.00%
S10E	TOT. AS	ug/L	106	31JUL2000 - 31JUL2000	1	3.34		3.34	3.34	3.34	3.34	3.34	0	0	0.00%
S10E	TOT. CD	ug/L	103	31JUL2000 - 31JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S10E	TOT. CU	ug/L	104	31JUL2000 - 31JUL2000	1	1.77		1.77	1.77	1.77	1.77	1.77	0	0	0.00%
S10E	TOT. PB	ug/L	107	31JUL2000 - 31JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S10E	TOT. ZN	ug/L	105	31JUL2000 - 31JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S34	% SAT. DO	PERCENT	76	01MAY2000 - 19FEB2001	12	53.02	23.22	11.05	38.32	58.59	68.54	85.24	0	0	0.00%
S34	DO	mg/L	8	01MAY2000 - 30APR2001	14	4.88	2.14	0.90	3.51	5.24	6.96	7.38	0	6	42.86%
S34	FLDCOND.	UMHOS/CM	9	01MAY2000 - 30APR2001	14	759.44	142.39	603.00	668.00	713.50	838.00	1050.00	0	0	0.00%
S34	PH	UNITS	10	01MAY2000 - 30APR2001	14	7.72	0.33	7.21	7.55	7.67	7.91	8.42	0	0	0.00%
S34	TURBIDITY	NTU	12	01MAY2000 - 30APR2001	14	1.62	1.31	0.79	0.93	1.21	1.64	5.85	0	0	0.00%
S34	TSS	mg/L	16	01MAY2000 - 30APR2001	14	2.49	1.32	<3	<3	0.00	3.00	5.00	7	0	0.00%
S34	COLOR	UNITS	13	01MAY2000 - 30APR2001	14	57.71	20.41	39.00	43.00	49.50	72.00	95.00	0	0	0.00%
S34	HARDNESS	mg/L CaCO3	35	24JUL2000 - 19FEB2001	3	232.75	20.42	215.62	215.62	227.28	255.35	255.35	0	0	0.00%
S34	TEMP	CENT	7	01MAY2000 - 30APR2001	14	25.23	3.77	17.85	23.12	25.48	28.79	29.53	0	0	0.00%
S34	ALKALINITY	mg/L	67	01MAY2000 - 30APR2001	14	215.76	30.95	143.30	194.20	221.15	245.00	253.50	0	0	0.00%
S34	TN	mg N/L	80	01MAY2000 - 30APR2001	14	1.646	0.354	1.141	1.451	1.514	1.749	2.413	0	0	0.00%
S34	NOX	mg N/L	18	01MAY2000 - 30APR2001	14	0.113	0.121	<0.004	0.014	0.070	0.186	0.394	1	0	0.00%
S34	NO2	mg N/L	19	01MAY2000 - 30APR2001	14	0.006	0.002	<0.004	<0.004	0.005	0.006	0.013	4	0	0.00%
S34	NO3	mg N/L	78	01MAY2000 - 30APR2001	14	0.109	0.119	<0.004	0.014	0.065	0.181	0.388	1	0	0.00%
S34	NH4	mg N/L	20	01MAY2000 - 30APR2001	14	0.183	0.215	<0.009	0.026	0.084	0.301	0.663	1	0	0.00%
S34	UN-IONIZED AM	mg/L as NH3	CALC	01MAY2000 - 30APR2001	14	0.0052	0.0045	0.0003	0.0019	0.0028	0.0081	0.0152	0	0	0.00%
S34	NNH4	mg N/L	92	01MAY2000 - 30APR2001	14	0.295	0.183	0.034	0.159	0.283	0.405	0.663	0	0	0.00%
S34	ORGN	mg N/L	79	01MAY2000 - 30APR2001	14	1.351	0.405	0.920	1.086	1.216	1.456	2.132	0	0	0.00%
S34	TKN	mg N/L	21	01MAY2000 - 30APR2001	14	1.533	0.348	1.112	1.238	1.417	1.749	2.158	0	0	0.00%
S34	OPO4	mg P/L	23	01MAY2000 - 30APR2001	14	0.007	0.006	<0.004	<0.004	0.005	0.006	0.024	6	0	0.00%
S34	TP	mg P/L	25	01MAY2000 - 30APR2001	14	0.020	0.013	0.009	0.013	0.017	0.021	0.060	0	0	0.00%
S34	DIS. CA	mg/L	30	24JUL2000 - 19FEB2001	3	64.94	9.50	55.89	55.89	64.10	74.84	74.84	0	0	0.00%
S34	DIS. K	mg/L	29	24JUL2000 - 30APR2001	4	4.62	1.75	3.52	3.68	3.85	5.56	7.24	0	0	0.00%
S34	DIS. MG	mg/L	31	24JUL2000 - 19FEB2001	3	17.15	3.93	13.50	13.50	16.63	21.31	21.31	0	0	0.00%
S34	DIS. NA	mg/L	28	24JUL2000 - 30APR2001	4	64.16	14.05	54.40	56.24	58.62	72.08	85.01	0	0	0.00%
S34	TOT. CL	mg/L	32	01MAY2000 - 30APR2001	14	91.99	25.60	69.83	71.75	84.44	100.73	150.59	0	0	0.00%
S34	TOT. SO4	mg/L	33	24JUL2000 - 30APR2001	4	10.29	11.94	3.06	3.66	4.99	16.92	28.13	0	0	0.00%
S34	DIS. SILICA	mg/L	27	24JUL2000 - 30APR2001	4	12.76	1.74	11.03	11.26	12.84	14.26	14.35	0	0	0.00%
S34	TOT. FE	mg/L	177	24JUL2000 - 30OCT2000	2	0.18	0.22	0.03	0.03	0.18	0.33	0.33	0	0	0.00%
S34	TOT. AS	ug/L	106	24JUL2000 - 24JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S34	TOT. CD	ug/L	103	24JUL2000 - 24JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S34	TOT. CU	ug/L	104	24JUL2000 - 24JUL2000	1	1.98		1.98	1.98	1.98	1.98	1.98	0	0	0.00%
S34	TOT. PB	ug/L	107	24JUL2000 - 24JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S34	TOT. ZN	ug/L	105	24JUL2000 - 24JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%
S142	% SAT. DO	PERCENT	76	31MAY2000 - 19FEB2001	16	35.86	14.47	9.53	26.11	35.01	46.15	59.28	0	0	0.00%
S142	DO	mg/L	8	31MAY2000 - 30APR2001	20	3.47	1.51	0.78	2.43	3.47	4.52	5.92	0	15	75.00%
S142	FLDCOND.	UMHOS/CM	9	31MAY2000 - 30APR2001	20	838.11	169.91	625.00	690.00	804.50	1002.00	1167.00	0	0	0.00%
S142	PH	UNITS	10	31MAY2000 - 30APR2001	20	7.57	0.27	7.01	7.45	7.54	7.70	8.16	0	0	0.00%
S142	TURBIDITY	NTU	12	31MAY2000 - 30APR2001	20	2.32	1.53	0.73	1.17	1.53	3.75	5.52	0	0	0.00%
S142	TSS	mg/L	16	31MAY2000 - 30APR2001	20	3.23	2.66	<1	<3	1.80	4.60	10.00	7	0	0.00%
S142	COLOR	UNITS	13	31MAY2000 - 30APR2001	20	80.00	18.78	48.00	67.00	79.00	92.50	124.00	0	0	0.00%
S142	HARDNESS	mg/L CaCO3	35	24JUL2000 - 19FEB2001	3	269.92	84.41	213.42	213.42	229.40	366.95	366.95	0	0	0.00%
S142	TEMP	CENT	7	31MAY2000 - 30APR2001	20	25.41	3.89	15.41	23.59	25.62	28.84	30.02	0	0	0.00%
S142	ALKALINITY	mg/L	67	31MAY2000 - 30APR2001	20	257.86	53.41	195.40	216.40	250.95	291.05	357.20	0	0	0.00%
S142	TN	mg N/L	80	31MAY2000 - 30APR2001	20	1.797	0.377	1.388	1.489	1.639	2.090	2.621	0	0	0.00%
S142	NOX	mg N/L	18	31MAY2000 - 30APR2001	20	0.076	0.063	0.009	0.018	0.058	0.131	0.189	0	0	0.00%
S142	NO2	mg N/L	19	31MAY2000 - 30APR2001	20	0.009	0.006	<0.004	0.004	0.007	0.011	0.026	4	0	0.00%
S142	NO3	mg N/L	78	31MAY2000 - 30APR2001	20	0.068	0.058	0.009	0.014	0.051	0.112	0.180	0	0	0.00%
S142	NH4	mg N/L	20	31MAY2000 - 30APR2001	20	0.243	0.168	0.044	0.089	0.224	0.368	0.534	0	0	0.00%
S142	UN-IONIZED AM	mg/L as NH3	CALC	31MAY2000 - 30APR2001	20	0.0081	0.0084	0.0008	0.0019	0.0038	0.0141	0.0269	0	3	15.00%
S142	NNH4	mg N/L	92	31MAY2000 - 30APR2001	20	0.319	0.191	0.062	0.149	0.313	0.472	0.664	0	0	0.00%
S142	ORGN	mg N/L	79	31MAY2000 - 30APR2001	20	1.478	0.306	0.932	1.264	1.430	1.725	2.012	0	0	0.00%
S142	TKN	mg N/L	21	31MAY2000 - 30APR2001	20	1.721	0.342	1.376	1.471	1.572	2.018	2.450	0	0	0.00%
S142	OPO4	mg P/L	23	31MAY2000 - 30APR2001	20	0.006	0.003	<0.004	0.005	0.006	0.008	0.013	1	0	0.00%
S142	TP	mg P/L	25	31MAY2000 - 30APR2001	20	0.028	0.018	0.012	0.016	0.024	0.035	0.094	0	0	0.00%
S142	DIS. CA	mg/L	30	24JUL2000 - 19FEB2001	3	72.93	23.36	58.62	58.62	60.29	99.89	99.89	0	0	0.00%
S142	DIS. K	mg/L	29	24JUL2000 - 30APR2001	5	4.85	0.84	3.89	4.52	4.54	5.17	6.12	0	0	0.00%
S142	DIS. MG	mg/L	31	24JUL2000 - 19FEB2001	3	21.33	6.72	15.28	15.28	20.17	28.56	28.56	0	0	0.00%
S142	DIS. NA	mg/L	28	24JUL2000 - 30APR2001	5	68.24	17.49	43.31	62.72	65.28	83.36	86.53	0	0	0.00%
S142	TOT. CL	mg/L	32	31MAY2000 - 30APR2001	20	94.13	22.32	64.29	77.69	90.46	118.16	129.93	0	0	0.00%
S142	TOT. SO4	mg/L	33	24JUL2000 - 30APR2001	5	16.07	8.91	7.40	10.88	14.56	16.84	30.66	0	0	0.00%
S142	DIS. SILICA	mg/L	27	24JUL2000 - 30APR2001	5	12.61	1.98	10.56	11.10	12.69	13.07	15.62	0	0	0.00%
S142	TOT. FE	mg/L	177	24JUL2000 - 16OCT2000	2	0.07	0.03	0.05	0.05	0.07	0.09	0.09	0	0	0.00%
S142	TOT. CD	ug/L	103	24JUL2000 - 24JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S142	TOT. CU	ug/L	104	24JUL2000 - 24JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S142	TOT. ZN	ug/L	105	24JUL2000 - 24JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S11A	% SAT. DO	PERCENT	76	31MAY2000 - 19FEB2001	12	50.95	19.87	21.99	31.66	57.67	68.88	71.85	0	0	0.00%
S11A	DO	mg/L	8	31MAY2000 - 30APR2001	14	4.73	1.96	1.90	2.72	5.61	5.95	7.71	0	6	42.86%
S11A	FLDCOND.	UMHOS/CM	9	31MAY2000 - 30APR2001	14	745.43	110.87	557.00	639.00	744.00	832.00	909.00	0	0	0.00%
S11A	PH	UNITS	10	31MAY2000 - 30APR2001	14	7.61	0.44	6.93	7.27	7.63	7.96	8.33	0	0	0.00%
S11A	TURBIDITY	NTU	12	31MAY2000 - 30APR2001	14	1.46	0.85	0.35	0.86	1.21	2.03	3.21	0	0	0.00%
S11A	TSS	mg/L	16	31MAY2000 - 30APR2001	14	2.17	1.49	<1	<3	<3	1.20	6.00	10	0	0.00%
S11A	COLOR	UNITS	13	31MAY2000 - 30APR2001	14	86.00	26.41	50.00	72.00	77.50	101.00	161.00	0	0	0.00%
S11A	HARDNESS	mg/L CaCO3	35	24JUL2000 - 19FEB2001	3	228.66	54.80	170.69	170.69	235.69	279.61	279.61	0	0	0.00%
S11A	TEMP	CENT	7	31MAY2000 - 30APR2001	14	24.95	4.02	17.16	23.19	25.32	28.12	29.77	0	0	0.00%
S11A	ALKALINITY	mg/L	67	31MAY2000 - 30APR2001	14	194.06	28.73	140.90	174.90	194.15	222.40	239.50	0	0	0.00%
S11A	TN	mg N/L	80	31MAY2000 - 30APR2001	14	1.581	0.346	1.129	1.242	1.590	1.895	2.133	0	0	0.00%
S11A	NOX	mg N/L	18	31MAY2000 - 30APR2001	14	0.037	0.078	<0.004	0.007	0.010	0.027	0.302	1	0	0.00%
S11A	NO2	mg N/L	19	31MAY2000 - 30APR2001	14	0.006	0.004	<0.004	<0.004	<0.004	0.004	0.016	9	0	0.00%
S11A	NO3	mg N/L	78	31MAY2000 - 30APR2001	14	0.034	0.073	<0.004	0.007	0.010	0.023	0.286	1	0	0.00%
S11A	NH4	mg N/L	20	31MAY2000 - 30APR2001	14	0.025	0.019	<0.009	0.011	0.019	0.028	0.072	1	0	0.00%
S11A	UN-IONIZED AM	mg/L as NH3	CALC	31MAY2000 - 30APR2001	14	0.0009	0.0010	0.0001	0.0003	0.0005	0.0008	0.0035	0	0	0.00%
S11A	NNH4	mg N/L	92	31MAY2000 - 30APR2001	14	0.062	0.088	0.007	0.017	0.032	0.049	0.347	0	0	0.00%
S11A	ORGN	mg N/L	79	31MAY2000 - 30APR2001	14	1.519	0.327	1.115	1.168	1.560	1.844	2.022	0	0	0.00%
S11A	TKN	mg N/L	21	31MAY2000 - 30APR2001	14	1.544	0.333	1.124	1.190	1.582	1.861	2.094	0	0	0.00%
S11A	OPO4	mg P/L	23	31MAY2000 - 30APR2001	14	0.011	0.017	<0.004	<0.004	0.006	0.008	0.067	4	0	0.00%
S11A	TP	mg P/L	25	31MAY2000 - 30APR2001	14	0.023	0.017	0.008	0.016	0.019	0.023	0.075	0	0	0.00%
S11A	DIS. CA	mg/L	30	24JUL2000 - 19FEB2001	3	60.60	17.59	44.64	44.64	57.70	79.46	79.46	0	0	0.00%
S11A	DIS. K	mg/L	29	24JUL2000 - 30APR2001	4	6.34	1.40	4.99	5.46	6.04	7.23	8.30	0	0	0.00%
S11A	DIS. MG	mg/L	31	24JUL2000 - 19FEB2001	3	18.79	4.02	14.39	14.39	19.73	22.26	22.26	0	0	0.00%
S11A	DIS. NA	mg/L	28	24JUL2000 - 30APR2001	4	65.10	21.64	40.63	46.96	67.30	83.24	85.19	0	0	0.00%
S11A	TOT. CL	mg/L	32	31MAY2000 - 30APR2001	14	97.25	25.70	63.82	71.99	99.02	115.22	137.66	0	0	0.00%
S11A	TOT. SO4	mg/L	33	24JUL2000 - 30APR2001	5	32.74	16.47	17.92	27.49	27.83	29.41	61.07	0	0	0.00%
S11A	DIS. SILICA	mg/L	27	24JUL2000 - 30APR2001	5	9.75	3.83	4.00	9.18	10.36	10.52	14.69	0	0	0.00%
S11A	TOT. FE	mg/L	177	24JUL2000 - 16OCT2000	2	0.05	0.03	0.03	0.03	0.05	0.07	0.07	0	0	0.00%
S11A	TOT. AS	ug/L	106	24JUL2000 - 24JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S11A	TOT. CD	ug/L	103	24JUL2000 - 24JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S11A	TOT. CU	ug/L	104	24JUL2000 - 24JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S11A	TOT. PB	ug/L	107	24JUL2000 - 24JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S11A	TOT. ZN	ug/L	105	24JUL2000 - 24JUL2000	1	7.60		7.60	7.60	7.60	7.60	7.60	0	0	0.00%
S144	% SAT. DO	PERCENT	76	01MAY2000 - 19FEB2001	15	47.88	10.39	31.32	39.71	49.96	52.75	70.65	0	0	0.00%
S144	DO	mg/L	8	01MAY2000 - 30APR2001	17	4.39	1.32	2.54	3.31	4.17	4.80	6.87	0	14	82.35%
S144	FLDCOND.	UMHOS/CM	9	01MAY2000 - 30APR2001	17	856.82	250.47	384.00	623.00	944.00	1027.00	1284.00	0	1	5.88%
S144	PH	UNITS	10	01MAY2000 - 30APR2001	17	7.48	0.27	7.01	7.25	7.59	7.68	7.89	0	0	0.00%
S144	TURBIDITY	NTU	12	01MAY2000 - 30APR2001	15	1.19	0.84	0.42	0.64	0.83	1.38	3.40	0	0	0.00%
S144	TSS	mg/L	16	01MAY2000 - 30APR2001	15	2.67	2.04	<3	<3	1.00	3.00	9.00	7	0	0.00%
S144	COLOR	UNITS	13	01MAY2000 - 30APR2001	15	78.80	7.38	59.00	75.00	79.00	83.00	93.00	0	0	0.00%
S144	HARDNESS	mg/L CaCO3	35	10JUL2000 - 19FEB2001	3	225.63	58.03	158.97	158.97	253.00	264.92	264.92	0	0	0.00%
S144	TEMP	CENT	7	01MAY2000 - 30APR2001	17	24.90	3.48	17.10	23.23	25.57	27.47	28.48	0	0	0.00%
S144	ALKALINITY	mg/L	67	01MAY2000 - 30APR2001	15	190.07	39.90	105.10	155.60	201.60	215.20	243.20	0	0	0.00%
S144	TN	mg N/L	80	01MAY2000 - 30APR2001	15	1.757	0.577	0.950	1.149	1.727	2.238	2.741	0	0	0.00%
S144	NOX	mg N/L	18	01MAY2000 - 30APR2001	14	0.030	0.033	<0.004	0.007	0.010	0.070	0.088	2	0	0.00%
S144	NO2	mg N/L	19	01MAY2000 - 30APR2001	15	0.005	0.001	<0.004	<0.004	<0.004	0.004	0.009	8	0	0.00%
S144	NO3	mg N/L	78	01MAY2000 - 30APR2001	14	0.027	0.031	<0.004	0.006	0.008	0.061	0.084	2	0	0.00%
S144	NH4	mg N/L	20	01MAY2000 - 30APR2001	15	0.044	0.058	0.010	0.014	0.019	0.034	0.208	0	0	0.00%
S144	UN-IONIZED AM	mg/L as NH3	CALC	01MAY2000 - 30APR2001	14	0.0016	0.0027	0.0001	0.0002	0.0004	0.0013	0.0088	0	0	0.00%
S144	NNH4	mg N/L	92	01MAY2000 - 30APR2001	14	0.075	0.081	0.014	0.023	0.030	0.090	0.278	0	0	0.00%
S144	ORGN	mg N/L	79	01MAY2000 - 30APR2001	15	1.686	0.523	0.926	1.128	1.684	2.180	2.463	0	0	0.00%
S144	TKN	mg N/L	21	01MAY2000 - 30APR2001	15	1.730	0.560	0.940	1.142	1.718	2.238	2.671	0	0	0.00%
S144	OPO4	mg P/L	23	01MAY2000 - 30APR2001	15	0.005	0.002	<0.004	0.004	0.004	0.006	0.011	3	0	0.00%
S144	TP	mg P/L	25	01MAY2000 - 30APR2001	18	0.015	0.011	0.005	0.008	0.012	0.015	0.040	0	0	0.00%
S144	DIS. CA	mg/L	30	10JUL2000 - 19FEB2001	3	57.81	13.98	41.70	41.70	64.87	66.85	66.85	0	0	0.00%
S144	DIS. K	mg/L	29	10JUL2000 - 30APR2001	4	6.81	2.44	3.77	5.32	6.87	8.31	9.75	0	0	0.00%
S144	DIS. MG	mg/L	31	10JUL2000 - 19FEB2001	3	19.75	5.93	13.32	13.32	20.91	25.01	25.01	0	0	0.00%
S144	DIS. NA	mg/L	28	10JUL2000 - 30APR2001	4	77.07	31.58	46.78	50.16	75.75	103.98	110.00	0	0	0.00%
S144	TOT. CL	mg/L	32	01MAY2000 - 30APR2001	15	108.85	41.92	43.97	65.00	119.83	140.79	175.32	0	0	0.00%
S144	TOT. SO4	mg/L	33	10JUL2000 - 30APR2001	5	32.35	18.53	11.63	16.66	37.63	38.29	57.54	0	0	0.00%
S144	DIS. SILICA	mg/L	27	10JUL2000 - 30APR2001	5	12.28	1.09	10.69	11.61	12.91	12.91	13.27	0	0	0.00%
S144	TOT. FE	mg/L	177	10JUL2000 - 16OCT2000	2	0.02	0.02	0.00	0.00	0.02	0.03	0.03	0	0	0.00%
S144	TOT. AS	ug/L	106	10JUL2000 - 10JUL2000	1	2.58		2.58	2.58	2.58	2.58	2.58	0	0	0.00%
S144	TOT. CD	ug/L	103	10JUL2000 - 10JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S144	TOT. CU	ug/L	104	10JUL2000 - 10JUL2000	1	2.72		2.72	2.72	2.72	2.72	2.72	0	0	0.00%
S144	TOT. PB	ug/L	107	10JUL2000 - 10JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S144	TOT. ZN	ug/L	105	10JUL2000 - 10JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S145	% SAT. DO	PERCENT	76	01MAY2000 - 19FEB2001	15	47.71	12.48	28.18	36.98	45.75	57.67	72.83	0	0	0.00%
S145	DO	mg/L	8	01MAY2000 - 30APR2001	17	4.30	1.33	2.45	3.08	4.13	5.72	6.42	0	11	64.71%
S145	FLDCOND.	UMHOS/CM	9	01MAY2000 - 30APR2001	17	804.82	254.29	393.00	634.00	927.00	965.00	1176.00	0	0	0.00%
S145	PH	UNITS	10	01MAY2000 - 30APR2001	17	7.42	0.29	6.93	7.29	7.49	7.64	7.94	0	0	0.00%
S145	TURBIDITY	NTU	12	01MAY2000 - 30APR2001	15	1.30	1.77	0.36	0.48	0.69	1.21	7.15	0	0	0.00%
S145	TSS	mg/L	16	01MAY2000 - 30APR2001	15	2.87	3.06	<1	<3	<3	1.20	13.40	11	0	0.00%
S145	COLOR	UNITS	13	01MAY2000 - 30APR2001	15	81.73	9.28	65.00	77.00	81.00	85.00	102.00	0	0	0.00%
S145	HARDNESS	mg/L CaCO3	35	10JUL2000 - 19FEB2001	3	208.09	81.16	116.78	116.78	235.46	272.03	272.03	0	0	0.00%
S145	TEMP	CENT	7	01MAY2000 - 30APR2001	17	25.14	3.49	17.20	23.48	25.45	28.13	29.28	0	0	0.00%
S145	ALKALINITY	mg/L	67	01MAY2000 - 30APR2001	15	183.87	47.53	107.00	119.10	190.10	218.50	248.70	0	0	0.00%
S145	TN	mg N/L	80	01MAY2000 - 30APR2001	15	1.743	0.571	0.894	0.984	1.977	2.079	2.555	0	0	0.00%
S145	NOX	mg N/L	18	01MAY2000 - 30APR2001	14	0.021	0.024	<0.004	0.005	0.009	0.030	0.080	2	0	0.00%
S145	NO2	mg N/L	19	01MAY2000 - 30APR2001	15	0.005	0.001	<0.004	<0.004	<0.004	0.004	0.008	11	0	0.00%
S145	NO3	mg N/L	78	01MAY2000 - 30APR2001	14	0.019	0.022	<0.004	0.005	0.008	0.025	0.073	2	0	0.00%
S145	NH4	mg N/L	20	01MAY2000 - 30APR2001	15	0.032	0.038	<0.009	<0.009	0.013	0.031	0.139	4	0	0.00%
S145	UN-IONIZED AM	mg/L as NH3	CALC	01MAY2000 - 30APR2001	14	0.0010	0.0014	0.0001	0.0001	0.0003	0.0010	0.0050	0	0	0.00%
S145	NNH4	mg N/L	92	01MAY2000 - 30APR2001	14	0.051	0.056	<0.009	0.011	0.038	0.080	0.203	1	0	0.00%
S145	ORGN	mg N/L	79	01MAY2000 - 30APR2001	15	1.694	0.536	0.888	0.968	1.923	2.063	2.437	0	0	0.00%
S145	TKN	mg N/L	21	01MAY2000 - 30APR2001	15	1.724	0.563	0.888	0.979	1.977	2.072	2.531	0	0	0.00%
S145	OPO4	mg P/L	23	01MAY2000 - 30APR2001	15	0.005	0.001	<0.004	0.004	0.006	0.006	0.008	2	0	0.00%
S145	TP	mg P/L	25	01MAY2000 - 30APR2001	18	0.015	0.014	0.004	0.007	0.010	0.018	0.061	0	0	0.00%
S145	DIS. CA	mg/L	30	10JUL2000 - 19FEB2001	3	53.21	18.92	31.72	31.72	60.57	67.35	67.35	0	0	0.00%
S145	DIS. K	mg/L	29	10JUL2000 - 30APR2001	4	6.56	2.67	2.90	4.93	7.00	8.18	9.32	0	0	0.00%
S145	DIS. MG	mg/L	31	10JUL2000 - 19FEB2001	3	18.27	8.27	9.13	9.13	20.46	25.23	25.23	0	0	0.00%
S145	DIS. NA	mg/L	28	10JUL2000 - 30APR2001	4	72.08	31.80	31.39	46.88	78.49	97.27	99.94	0	0	0.00%
S145	TOT. CL	mg/L	32	01MAY2000 - 30APR2001	15	106.36	43.89	42.25	48.99	116.70	148.25	160.40	0	0	0.00%
S145	TOT. SO4	mg/L	33	10JUL2000 - 30APR2001	5	31.39	23.05	8.15	8.97	36.76	40.57	62.51	0	0	0.00%
S145	DIS. SILICA	mg/L	27	10JUL2000 - 30APR2001	5	10.31	1.21	8.89	9.30	10.71	10.76	11.87	0	0	0.00%
S145	TOT. FE	mg/L	177	10JUL2000 - 16OCT2000	2	0.02	0.02	0.00	0.00	0.02	0.03	0.03	0	0	0.00%
S145	TOT. AS	ug/L	106	10JUL2000 - 10JUL2000	1	2.29		2.29	2.29	2.29	2.29	2.29	0	0	0.00%
S145	TOT. CD	ug/L	103	10JUL2000 - 10JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S145	TOT. CU	ug/L	104	10JUL2000 - 10JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S145	TOT. PB	ug/L	107	10JUL2000 - 10JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S145	TOT. ZN	ug/L	105	10JUL2000 - 10JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%
S146	% SAT. DO	PERCENT	76	01MAY2000 - 19FEB2001	15	47.08	11.82	30.02	39.56	44.40	56.32	71.65	0	0	0.00%
S146	DO	mg/L	8	01MAY2000 - 30APR2001	17	4.15	1.16	2.44	3.56	3.68	4.87	6.22	0	13	76.47%
S146	FLDCOND.	UMHOS/CM	9	01MAY2000 - 30APR2001	17	775.29	266.89	311.00	684.00	843.00	939.00	1277.00	0	1	5.88%
S146	PH	UNITS	10	01MAY2000 - 30APR2001	17	7.37	0.30	6.85	7.21	7.41	7.55	7.92	0	0	0.00%
S146	TURBIDITY	NTU	12	01MAY2000 - 30APR2001	15	1.22	1.62	0.39	0.48	0.57	1.24	6.70	0	0	0.00%
S146	TSS	mg/L	16	01MAY2000 - 30APR2001	15	3.15	4.17	<1	<1	<3	<3	17.80	12	0	0.00%
S146	COLOR	UNITS	13	01MAY2000 - 30APR2001	15	81.27	9.69	61.00	77.00	80.00	86.00	99.00	0	0	0.00%
S146	HARDNESS	mg/L CaCO3	35	10JUL2000 - 19FEB2001	3	197.59	90.35	94.69	94.69	234.17	263.91	263.91	0	0	0.00%
S146	TEMP	CENT	7	01MAY2000 - 30APR2001	17	25.19	3.62	17.50	23.47	25.53	28.18	29.59	0	0	0.00%
S146	ALKALINITY	mg/L	67	01MAY2000 - 30APR2001	15	176.73	50.61	91.39	121.10	194.20	211.80	248.20	0	0	0.00%
S146	TN	mg N/L	80	01MAY2000 - 30APR2001	15	1.659	0.535	0.845	1.012	1.783	1.909	2.588	0	0	0.00%
S146	NOX	mg N/L	18	01MAY2000 - 30APR2001	14	0.021	0.027	<0.004	0.004	0.007	0.030	0.087	3	0	0.00%
S146	NO2	mg N/L	19	01MAY2000 - 30APR2001	15	0.005	0.002	<0.004	<0.004	<0.004	0.004	0.011	9	0	0.00%
S146	NO3	mg N/L	78	01MAY2000 - 30APR2001	14	0.018	0.024	<0.004	<0.004	0.005	0.030	0.078	6	0	0.00%
S146	NH4	mg N/L	20	01MAY2000 - 30APR2001	15	0.028	0.028	<0.009	<0.009	0.012	0.034	0.090	6	0	0.00%
S146	UN-IONIZED AM	mg/L as NH3	CALC	01MAY2000 - 30APR2001	14	0.0008	0.0012	0.0001	0.0001	0.0002	0.0010	0.0039	0	0	0.00%
S146	NNH4	mg N/L	92	01MAY2000 - 30APR2001	14	0.044	0.050	<0.009	0.004	0.024	0.087	0.160	2	0	0.00%
S146	ORGN	mg N/L	79	01MAY2000 - 30APR2001	15	1.616	0.496	0.841	1.008	1.696	1.870	2.428	0	0	0.00%
S146	TKN	mg N/L	21	01MAY2000 - 30APR2001	15	1.640	0.520	0.841	1.008	1.696	1.882	2.518	0	0	0.00%
S146	OPO4	mg P/L	23	01MAY2000 - 30APR2001	15	0.005	0.002	<0.004	0.004	0.005	0.006	0.010	2	0	0.00%
S146	TP	mg P/L	25	01MAY2000 - 30APR2001	18	0.015	0.013	0.004	0.008	0.010	0.013	0.053	0	0	0.00%
S146	DIS. CA	mg/L	30	10JUL2000 - 19FEB2001	3	50.77	21.55	26.03	26.03	60.91	65.39	65.39	0	0	0.00%
S146	DIS. K	mg/L	29	10JUL2000 - 30APR2001	4	6.22	2.90	2.16	4.44	6.82	8.00	9.06	0	0	0.00%
S146	DIS. MG	mg/L	31	10JUL2000 - 19FEB2001	3	17.20	8.94	7.22	7.22	19.94	24.45	24.45	0	0	0.00%
S146	DIS. NA	mg/L	28	10JUL2000 - 30APR2001	4	63.73	30.92	24.50	39.51	68.28	87.96	93.87	0	0	0.00%
S146	TOT. CL	mg/L	32	01MAY2000 - 30APR2001	15	100.08	41.81	34.10	54.13	110.70	137.47	151.41	0	0	0.00%
S146	TOT. SO4	mg/L	33	10JUL2000 - 30APR2001	5	31.75	24.88	5.51	10.41	36.18	39.53	67.14	0	0	0.00%
S146	DIS. SILICA	mg/L	27	10JUL2000 - 30APR2001	5	9.28	2.48	6.50	6.80	10.12	11.24	11.75	0	0	0.00%
S146	TOT. FE	mg/L	177	10JUL2000 - 16OCT2000	2	0.02	0.02	0.00	0.00	0.02	0.04	0.04	0	0	0.00%
S146	TOT. AS	ug/L	106	10JUL2000 - 10JUL2000	1	2.20		2.20	2.20	2.20	2.20	2.20	0	0	0.00%
S146	TOT. CD	ug/L	103	10JUL2000 - 10JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S146	TOT. CU	ug/L	104	10JUL2000 - 10JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S146	TOT. PB	ug/L	107	10JUL2000 - 10JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S146	TOT. ZN	ug/L	105	10JUL2000 - 10JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S151	% SAT. DO	PERCENT	76	02MAY2000 - 13FEB2001	15	34.29	18.14	7.60	20.47	31.96	51.38	67.54	0	0	0.00%
S151	DO	mg/L	8	02MAY2000 - 24APR2001	20	3.64	2.04	0.61	2.08	3.46	4.90	7.79	0	16	80.00%
S151	FLDCOND.	UMHOS/CM	9	02MAY2000 - 24APR2001	20	704.65	140.24	374.00	630.50	714.50	808.50	898.00	0	0	0.00%
S151	PH	UNITS	10	02MAY2000 - 24APR2001	20	7.41	0.18	7.09	7.29	7.36	7.52	7.81	0	0	0.00%
S151	TURBIDITY	NTU	12	09MAY2000 - 24APR2001	17	2.71	1.59	0.81	1.36	2.46	3.88	6.36	0	0	0.00%
S151	TSS	mg/L	16	09MAY2000 - 24APR2001	16	3.69	2.78	<3	0.10	3.10	4.20	12.00	4	0	0.00%
S151	COLOR	UNITS	13	09MAY2000 - 24APR2001	16	56.38	14.90	27.00	51.00	54.50	66.50	80.00	0	0	0.00%
S151	HARDNESS	mg/L CaCO3	35	05JUL2000 - 27FEB2001	4	214.34	46.04	149.17	183.11	226.91	245.56	254.36	0	0	0.00%
S151	TEMP	CENT	7	02MAY2000 - 24APR2001	20	26.19	2.99	19.11	24.19	26.69	28.84	29.62	0	0	0.00%
S151	ALKALINITY	mg/L	67	09MAY2000 - 24APR2001	17	232.07	42.92	148.90	201.40	234.70	262.60	300.70	0	0	0.00%
S151	TN	mg N/L	80	09MAY2000 - 24APR2001	17	1.535	0.245	1.113	1.386	1.517	1.697	1.951	0	0	0.00%
S151	NOX	mg N/L	18	09MAY2000 - 24APR2001	17	0.087	0.078	0.021	0.037	0.056	0.111	0.317	0	0	0.00%
S151	NO2	mg N/L	19	09MAY2000 - 24APR2001	17	0.008	0.007	<0.004	0.004	0.006	0.008	0.029	3	0	0.00%
S151	NO3	mg N/L	78	09MAY2000 - 24APR2001	17	0.079	0.072	0.016	0.033	0.048	0.105	0.288	0	0	0.00%
S151	NH4	mg N/L	20	09MAY2000 - 24APR2001	17	0.129	0.090	<0.009	0.061	0.125	0.198	0.288	1	0	0.00%
S151	UN-IONIZED AM	mg/L as NH3	CALC	02MAY2000 - 24APR2001	17	0.0026	0.0020	0.0002	0.0013	0.0024	0.0031	0.0083	0	0	0.00%
S151	NNH4	mg N/L	92	09MAY2000 - 24APR2001	17	0.215	0.113	0.022	0.121	0.230	0.303	0.456	0	0	0.00%
S151	ORGN	mg N/L	79	09MAY2000 - 24APR2001	17	1.319	0.196	1.072	1.160	1.261	1.437	1.770	0	0	0.00%
S151	TKN	mg N/L	21	09MAY2000 - 24APR2001	17	1.448	0.221	1.091	1.296	1.438	1.564	1.895	0	0	0.00%
S151	OPO4	mg P/L	23	09MAY2000 - 24APR2001	17	0.005	0.002	<0.004	<0.004	0.004	0.007	0.010	8	0	0.00%
S151	TP	mg P/L	25	02MAY2000 - 24APR2001	19	0.027	0.014	0.014	0.016	0.022	0.034	0.068	0	0	0.00%
S151	DIS. CA	mg/L	30	05JUL2000 - 27FEB2001	4	65.27	10.69	51.62	56.91	66.93	73.62	75.58	0	0	0.00%
S151	DIS. K	mg/L	29	05JUL2000 - 10APR2001	5	3.56	1.32	1.55	3.04	3.89	4.40	4.91	0	0	0.00%
S151	DIS. MG	mg/L	31	05JUL2000 - 27FEB2001	4	12.48	5.10	4.92	9.49	14.52	15.47	15.95	0	0	0.00%
S151	DIS. NA	mg/L	28	05JUL2000 - 10APR2001	5	40.17	13.94	18.48	40.69	41.70	42.57	57.44	0	0	0.00%
S151	TOT. CL	mg/L	32	09MAY2000 - 24APR2001	17	70.01	17.71	28.57	65.02	71.60	77.11	100.06	0	0	0.00%
S151	TOT. SO4	mg/L	33	05JUL2000 - 10APR2001	4	14.39	9.58	4.49	7.27	13.11	21.51	26.85	0	0	0.00%
S151	DIS. SILICA	mg/L	27	05JUL2000 - 10APR2001	4	9.62	2.20	6.51	8.13	10.19	11.10	11.58	0	0	0.00%
S151	TOT. FE	mg/L	177	05JUL2000 - 24OCT2000	2	0.25	0.21	0.11	0.11	0.25	0.40	0.40	0	0	0.00%
S151	TOT. AS	ug/L	106	05JUL2000 - 05JUL2000	1	2.90		2.90	2.90	2.90	2.90	2.90	0	0	0.00%
S151	TOT. CD	ug/L	103	05JUL2000 - 05JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S151	TOT. CU	ug/L	104	05JUL2000 - 05JUL2000	1	2.06		2.06	2.06	2.06	2.06	2.06	0	0	0.00%
S151	TOT. PB	ug/L	107	05JUL2000 - 05JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S151	TOT. ZN	ug/L	105	05JUL2000 - 05JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%
S333	% SAT. DO	PERCENT	76	04MAY2000 - 26FEB2001	25	34.57	11.91	18.03	25.73	34.65	41.26	62.18	0	0	0.00%
S333	DO	mg/L	8	04MAY2000 - 23APR2001	29	3.27	1.49	1.43	2.17	3.12	3.73	7.70	0	25	86.21%
S333	FLDCOND.	UMHOS/CM	9	04MAY2000 - 23APR2001	29	502.41	109.43	354.00	393.00	505.00	598.00	697.00	0	0	0.00%
S333	PH	UNITS	10	04MAY2000 - 23APR2001	29	7.34	0.13	7.19	7.26	7.32	7.41	7.77	0	0	0.00%
S333	TURBIDITY	NTU	12	08MAY2000 - 23APR2001	19	1.70	1.06	0.52	0.80	1.47	2.39	4.80	0	0	0.00%
S333	TSS	mg/L	16	08MAY2000 - 23APR2001	18	2.57	1.94	<1	<3	0.00	2.80	7.00	9	0	0.00%
S333	COLOR	UNITS	13	08MAY2000 - 23APR2001	18	47.11	16.95	21.00	35.00	45.00	58.00	76.00	0	0	0.00%
S333	HARDNESS	mg/L CaCO3	35	08MAY2000 - 23APR2001	20	179.63	30.49	129.13	152.43	173.21	211.74	223.67	0	0	0.00%
S333	TEMP	CENT	7	04MAY2000 - 23APR2001	29	25.22	4.17	15.87	23.45	25.63	28.68	31.24	0	0	0.00%
S333	ALKALINITY	mg/L	67	08MAY2000 - 23APR2001	19	174.33	26.30	135.10	149.40	170.40	195.00	214.70	0	0	0.00%
S333	SALINITY	UNITS	98	29JAN2001 - 26MAR2001	2	0.18	0.000	0.18	0.18	0.18	0.18	0.18	0	0	0.00%
S333	TN	mg N/L	80	08MAY2000 - 23APR2001	20	1.220	0.191	0.905	1.051	1.223	1.316	1.540	0	0	0.00%
S333	NOX	mg N/L	18	08MAY2000 - 23APR2001	18	0.054	0.030	0.012	0.024	0.047	0.081	0.110	0	0	0.00%
S333	NO2	mg N/L	19	08MAY2000 - 23APR2001	19	0.006	0.003	<0.004	<0.004	0.005	0.008	0.015	8	0	0.00%
S333	NO3	mg N/L	78	08MAY2000 - 23APR2001	18	0.050	0.027	0.008	0.024	0.047	0.073	0.095	0	0	0.00%
S333	NH4	mg N/L	20	08MAY2000 - 23APR2001	19	0.067	0.053	<0.009	0.021	0.054	0.108	0.211	1	0	0.00%
S333	UN-IONIZED AM	mg/L as NH3	CALC	04MAY2000 - 23APR2001	19	0.0013	0.0010	0.0001	0.0003	0.0013	0.0021	0.0035	0	0	0.00%
S333	NNH4	mg N/L	92	08MAY2000 - 23APR2001	18	0.113	0.061	0.012	0.060	0.124	0.159	0.226	0	0	0.00%
S333	ORGN	mg N/L	79	08MAY2000 - 23APR2001	19	1.093	0.158	0.815	0.981	1.113	1.189	1.401	0	0	0.00%
S333	TKN	mg N/L	21	08MAY2000 - 23APR2001	20	1.171	0.186	0.882	1.023	1.193	1.269	1.540	0	0	0.00%
S333	OPO4	mg P/L	23	08MAY2000 - 23APR2001	19	0.005	0.001	<0.004	<0.004	0.004	0.006	0.008	5	0	0.00%
S333	ALKALINE PHO	nM/minml	168	08MAY2000 - 23APR2001	17	5.79	2.59	2.70	4.20	5.00	5.90	12.40	0	0	0.00%
S333	TP	mg P/L	25	04MAY2000 - 23APR2001	29	0.019	0.008	0.007	0.013	0.018	0.024	0.037	0	0	0.00%
S333	DIS. CA	mg/L	30	08MAY2000 - 23APR2001	20	57.69	6.83	43.71	51.52	57.63	63.70	67.84	0	0	0.00%
S333	DIS. K	mg/L	29	08MAY2000 - 23APR2001	19	2.67	0.97	1.16	1.95	2.60	3.42	4.56	0	0	0.00%
S333	DIS. MG	mg/L	31	08MAY2000 - 23APR2001	20	8.64	3.60	4.03	4.80	8.71	12.38	13.48	0	0	0.00%
S333	DIS. NA	mg/L	28	08MAY2000 - 23APR2001	19	29.84	9.88	16.20	19.22	32.82	39.40	45.10	0	0	0.00%
S333	TOT. CL	mg/L	32	08MAY2000 - 23APR2001	19	46.30	15.80	25.30	29.75	47.09	60.64	70.89	0	0	0.00%
S333	TOT. SO4	mg/L	33	05JUL2000 - 29JAN2001	5	5.06	4.65	1.54	1.76	4.38	4.65	12.98	0	0	0.00%
S333	DIS. SILICA	mg/L	27	05JUL2000 - 23APR2001	6	7.53	2.92	4.56	5.02	6.78	10.12	11.95	0	0	0.00%
S333	TOT. FE	mg/L	177	08MAY2000 - 23APR2001	17	0.10	0.04	0.04	0.07	0.09	0.12	0.17	0	0	0.00%
S333	TOT. AS	ug/L	106	08MAY2000 - 02JAN2001	9	1.64	0.28	<1.5	<1.5	<1.5	1.69	2.34	6	0	0.00%
S333	TOT. CD	ug/L	103	08MAY2000 - 23JAN2001	10	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	10	0	0.00%
S333	TOT. CU	ug/L	104	08MAY2000 - 23JAN2001	10	1.24	0.13	<1.2	<1.2	<1.2	<1.2	1.62	9	0	0.00%
S333	TOT. PB	ug/L	107	08MAY2000 - 02JAN2001	9	0.80	0.000	<0.8	<0.8	<0.8	<0.8	<0.8	9	0	0.00%
S333	TOT. ZN	ug/L	105	08MAY2000 - 23JAN2001	10	4.26	0.83	<4	<4	<4	<4	6.61	9	0	0.00%
S333	CAROTENOID	mg/m3	63	08MAY2000 - 23APR2001	18	2.78	2.53	<1	1.10	1.70	4.10	11.20	4	0	0.00%
S333	CHLA	mg/m3	61	08MAY2000 - 23APR2001	18	6.86	8.13	1.40	1.70	3.65	9.10	35.80	0	0	0.00%
S333	CHLA2	mg/m3	112	08MAY2000 - 23APR2001	18	5.77	7.01	1.10	2.00	3.15	7.10	31.40	0	0	0.00%
S333	CHLB	mg/m3	62	08MAY2000 - 23APR2001	18	1.01	0.02	<1	<1	<1	<1	1.10	17	0	0.00%
S333	CHLC	mg/m3	113	08MAY2000 - 23APR2001	18	1.19	0.69	<1	<1	<1	<1	3.90	14	0	0.00%
S333	PHEOPHYTIN A	mg/m3	64	08MAY2000 - 23APR2001	18	1.89	1.43	<1	<1	<1	2.90	5.40	11	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
C123SR84	% SAT. DO	PERCENT	76	02MAY2000 - 20FEB2001	15	63.34	24.23	25.17	43.75	59.25	77.34	103.03	0	0	0.00%
C123SR84	DO	mg/L	8	02MAY2000 - 17APR2001	17	5.51	1.98	2.10	3.96	5.65	6.70	8.28	0	7	41.18%
C123SR84	FLDCOND.	UMHOS/CM	9	02MAY2000 - 17APR2001	17	708.89	131.83	494.00	639.00	659.00	791.00	974.00	0	0	0.00%
C123SR84	PH	UNITS	10	02MAY2000 - 17APR2001	17	7.39	0.40	6.92	7.05	7.29	7.54	8.29	0	0	0.00%
C123SR84	TURBIDITY	NTU	12	16MAY2000 - 17APR2001	14	5.90	8.01	0.78	1.31	4.38	6.31	32.50	0	1	7.14%
C123SR84	TSS	mg/L	16	16MAY2000 - 17APR2001	13	8.32	9.58	<3	3.20	6.00	10.00	38.00	1	0	0.00%
C123SR84	COLOR	UNITS	13	16MAY2000 - 17APR2001	14	73.43	24.67	44.00	52.00	68.50	96.00	116.00	0	0	0.00%
C123SR84	HARDNESS	mg/L CaCO3	35	25JUL2000 - 20FEB2001	3	232.72	41.23	196.37	196.37	224.26	277.52	277.52	0	0	0.00%
C123SR84	TEMP	CENT	7	02MAY2000 - 17APR2001	17	25.77	3.61	16.10	23.51	25.71	28.69	29.92	0	0	0.00%
C123SR84	ALKALINITY	mg/L	67	16MAY2000 - 17APR2001	14	213.44	38.26	124.50	188.50	208.70	243.70	261.60	0	0	0.00%
C123SR84	TN	mg N/L	80	16MAY2000 - 17APR2001	14	1.614	0.240	1.177	1.491	1.625	1.844	1.981	0	0	0.00%
C123SR84	NOX	mg N/L	18	16MAY2000 - 17APR2001	14	0.045	0.086	<0.004	0.009	0.013	0.026	0.319	2	0	0.00%
C123SR84	NO2	mg N/L	19	16MAY2000 - 17APR2001	14	0.005	0.003	<0.004	<0.004	<0.004	0.005	0.016	9	0	0.00%
C123SR84	NO3	mg N/L	78	16MAY2000 - 17APR2001	14	0.042	0.082	<0.004	0.009	0.013	0.021	0.303	2	0	0.00%
C123SR84	NH4	mg N/L	20	16MAY2000 - 17APR2001	14	0.032	0.040	<0.009	0.010	0.018	0.037	0.164	2	0	0.00%
C123SR84	UN-IONIZED AM	mg/L as NH3	CALC	02MAY2000 - 17APR2001	14	0.0006	0.0005	0.0001	0.0003	0.0004	0.0009	0.0020	0	0	0.00%
C123SR84	NNH4	mg N/L	92	16MAY2000 - 17APR2001	14	0.076	0.110	<0.009	0.020	0.029	0.072	0.356	1	0	0.00%
C123SR84	ORGN	mg N/L	79	16MAY2000 - 17APR2001	14	1.539	0.215	1.154	1.439	1.539	1.653	1.981	0	0	0.00%
C123SR84	TKN	mg N/L	21	16MAY2000 - 17APR2001	14	1.570	0.219	1.168	1.477	1.551	1.684	1.981	0	0	0.00%
C123SR84	OPO4	mg P/L	23	16MAY2000 - 17APR2001	14	0.010	0.007	<0.004	0.005	0.007	0.009	0.030	2	0	0.00%
C123SR84	TP	mg P/L	25	02MAY2000 - 17APR2001	17	0.056	0.036	0.013	0.035	0.049	0.068	0.136	0	0	0.00%
C123SR84	DIS. CA	mg/L	30	25JUL2000 - 20FEB2001	3	76.37	15.04	63.92	63.92	72.11	93.08	93.08	0	0	0.00%
C123SR84	DIS. K	mg/L	29	25JUL2000 - 17APR2001	4	3.95	0.54	3.35	3.60	3.90	4.30	4.66	0	0	0.00%
C123SR84	DIS. MG	mg/L	31	25JUL2000 - 20FEB2001	3	10.21	1.11	8.93	8.93	10.74	10.96	10.96	0	0	0.00%
C123SR84	DIS. NA	mg/L	28	25JUL2000 - 17APR2001	4	36.08	8.49	23.47	31.27	39.46	40.89	41.92	0	0	0.00%
C123SR84	TOT. CL	mg/L	32	16MAY2000 - 17APR2001	14	63.14	6.57	53.32	56.58	65.05	68.81	71.34	0	0	0.00%
C123SR84	TOT. SO4	mg/L	33	25JUL2000 - 17APR2001	4	22.32	11.16	9.24	13.76	22.35	30.88	35.34	0	0	0.00%
C123SR84	DIS. SILICA	mg/L	27	25JUL2000 - 17APR2001	4	5.66	3.37	1.82	2.86	5.87	8.45	9.06	0	0	0.00%
C123SR84	TOT. FE	mg/L	177	25JUL2000 - 03OCT2000	2	0.18	0.03	0.15	0.15	0.18	0.20	0.20	0	0	0.00%
C123SR84	TOT. AS	ug/L	106	25JUL2000 - 25JUL2000	1	3.63		3.63	3.63	3.63	3.63	3.63	0	0	0.00%
C123SR84	TOT. CD	ug/L	103	25JUL2000 - 25JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
C123SR84	TOT. CU	ug/L	104	25JUL2000 - 25JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
C123SR84	TOT. PB	ug/L	107	25JUL2000 - 25JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
C123SR84	TOT. ZN	ug/L	105	25JUL2000 - 25JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%
G94B	% SAT. DO	PERCENT	76	22MAY2000 - 26FEB2001	10	36.06	25.36	9.07	17.18	28.47	49.90	84.70	0	0	0.00%
G94B	DO	mg/L	8	22MAY2000 - 23APR2001	12	3.33	2.00	0.72	1.46	3.72	4.80	6.44	0	9	75.00%
G94B	FLDCOND.	UMHOS/CM	9	22MAY2000 - 23APR2001	12	568.92	242.54	168.00	416.00	551.00	729.50	1089.00	0	0	0.00%
G94B	PH	UNITS	10	22MAY2000 - 23APR2001	12	7.17	0.25	6.79	6.99	7.21	7.29	7.57	0	0	0.00%
G94B	TURBIDITY	NTU	12	22MAY2000 - 23APR2001	12	2.16	1.23	0.77	1.27	1.81	2.86	4.63	0	0	0.00%
G94B	TSS	mg/L	16	22MAY2000 - 23APR2001	12	3.07	1.82	<1	<3	2.00	4.50	6.60	5	0	0.00%
G94B	COLOR	UNITS	13	22MAY2000 - 23APR2001	12	100.17	30.45	70.00	79.50	88.00	118.00	168.00	0	0	0.00%
G94B	HARDNESS	mg/L CaCO3	35	31JUL2000 - 23APR2001	4	174.45	82.31	83.86	105.12	180.16	243.77	253.59	0	0	0.00%
G94B	TEMP	CENT	7	22MAY2000 - 23APR2001	12	25.20	4.42	15.42	22.55	24.87	28.43	32.27	0	0	0.00%
G94B	ALKALINITY	mg/L	67	22MAY2000 - 23APR2001	12	150.76	68.49	62.45	102.14	142.65	190.10	307.20	0	0	0.00%
G94B	TN	mg N/L	80	22MAY2000 - 23APR2001	12	1.727	0.628	1.107	1.391	1.619	1.838	3.456	0	0	0.00%
G94B	NOX	mg N/L	18	22MAY2000 - 23APR2001	12	0.105	0.286	<0.004	0.000	0.009	0.015	0.998	3	0	0.00%
G94B	NO2	mg N/L	19	22MAY2000 - 23APR2001	12	0.020	0.047	<0.004	<0.004	<0.004	0.005	0.166	7	0	0.00%
G94B	NO3	mg N/L	78	22MAY2000 - 23APR2001	12	0.087	0.238	<0.004	0.000	0.007	0.012	0.832	3	0	0.00%
G94B	NH4	mg N/L	20	22MAY2000 - 23APR2001	12	0.019	0.017	<0.009	<0.009	0.013	0.019	0.065	5	0	0.00%
G94B	UN-IONIZED AM	mg/L as NH3	CALC	22MAY2000 - 23APR2001	12	0.0002	0.0002	0.0000	0.0001	0.0002	0.0003	0.0008	0	0	0.00%
G94B	NNH4	mg N/L	92	22MAY2000 - 23APR2001	12	0.121	0.293	<0.0025	<0.009	0.024	0.054	1.035	3	0	0.00%
G94B	ORGN	mg N/L	79	22MAY2000 - 23APR2001	12	1.608	0.386	1.076	1.386	1.531	1.814	2.421	0	0	0.00%
G94B	TKN	mg N/L	21	22MAY2000 - 23APR2001	12	1.623	0.400	1.094	1.386	1.540	1.827	2.458	0	0	0.00%
G94B	OPO4	mg P/L	23	22MAY2000 - 23APR2001	12	0.016	0.014	0.006	0.006	0.011	0.023	0.051	0	0	0.00%
G94B	TP	mg P/L	25	22MAY2000 - 23APR2001	12	0.049	0.029	0.019	0.027	0.042	0.064	0.105	0	0	0.00%
G94B	DIS. CA	mg/L	30	31JUL2000 - 23APR2001	4	46.85	21.20	22.64	29.21	48.64	64.48	67.47	0	0	0.00%
G94B	DIS. K	mg/L	29	31JUL2000 - 23APR2001	4	5.08	2.50	2.05	3.03	5.51	7.13	7.24	0	0	0.00%
G94B	DIS. MG	mg/L	31	31JUL2000 - 23APR2001	4	13.96	7.18	6.64	7.82	14.26	20.11	20.68	0	0	0.00%
G94B	DIS. NA	mg/L	28	31JUL2000 - 23APR2001	4	48.55	19.18	28.42	32.18	49.84	64.92	66.12	0	0	0.00%
G94B	TOT. CL	mg/L	32	22MAY2000 - 23APR2001	12	69.82	28.89	30.14	49.27	63.39	93.09	127.13	0	0	0.00%
G94B	TOT. SO4	mg/L	33	31JUL2000 - 23APR2001	4	34.06	22.41	5.89	16.59	36.74	51.52	56.86	0	0	0.00%
G94B	DIS. SILICA	mg/L	27	31JUL2000 - 23APR2001	4	9.69	7.76	2.75	3.15	8.81	16.23	18.39	0	0	0.00%
G94B	TOT. FE	mg/L	177	31JUL2000 - 23APR2001	4	0.03	0.0022	0.03	0.03	0.03	0.03	0.03	0	0	0.00%
G94B	TOT. CD	ug/L	103	31JUL2000 - 31JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
G94B	TOT. CU	ug/L	104	31JUL2000 - 31JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
G94B	TOT. ZN	ug/L	105	31JUL2000 - 31JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S31	% SAT. DO	PERCENT	76	09MAY2000 - 30JAN2001	9	35.49	20.99	13.42	23.40	26.91	45.67	69.79	0	0	0.00%
S31	DO	mg/L	8	09MAY2000 - 24APR2001	12	2.69	1.43	1.08	1.65	2.26	3.38	5.45	0	10	83.33%
S31	FLDCOND.	UMHOS/CM	9	09MAY2000 - 24APR2001	12	692.75	64.41	532.00	668.50	714.00	740.50	749.00	0	0	0.00%
S31	PH	UNITS	10	09MAY2000 - 24APR2001	12	7.25	0.17	7.01	7.14	7.23	7.32	7.56	0	0	0.00%
S31	TURBIDITY	NTU	12	09MAY2000 - 24APR2001	12	1.73	1.09	0.65	0.84	1.54	2.33	4.18	0	0	0.00%
S31	TSS	mg/L	16	09MAY2000 - 24APR2001	11	2.65	1.75	<1	<3	1.20	3.40	6.00	3	0	0.00%
S31	COLOR	UNITS	13	09MAY2000 - 24APR2001	11	47.91	5.26	34.00	46.00	49.00	52.00	53.00	0	0	0.00%
S31	HARDNESS	mg/L CaCO3	35	18JUL2000 - 27FEB2001	3	223.05	26.53	195.31	195.31	225.65	248.18	248.18	0	0	0.00%
S31	TEMP	CENT	7	09MAY2000 - 24APR2001	12	25.45	3.45	19.63	23.68	24.41	27.63	32.05	0	0	0.00%
S31	ALKALINITY	mg/L	67	09MAY2000 - 24APR2001	12	243.06	21.12	195.70	236.80	246.00	254.55	274.50	0	0	0.00%
S31	TN	mg N/L	80	09MAY2000 - 24APR2001	12	1.284	0.273	1.003	1.132	1.159	1.363	1.988	0	0	0.00%
S31	NOX	mg N/L	18	09MAY2000 - 24APR2001	12	0.039	0.045	0.005	0.013	0.023	0.047	0.168	0	0	0.00%
S31	NO2	mg N/L	19	09MAY2000 - 24APR2001	12	0.005	0.002	<0.004	<0.004	<0.004	0.006	0.011	7	0	0.00%
S31	NO3	mg N/L	78	09MAY2000 - 24APR2001	12	0.036	0.042	0.005	0.011	0.023	0.041	0.157	0	0	0.00%
S31	NH4	mg N/L	20	09MAY2000 - 24APR2001	12	0.137	0.067	0.040	0.085	0.128	0.190	0.240	0	0	0.00%
S31	UN-IONIZED AM	mg/L as NH3	CALC	09MAY2000 - 24APR2001	12	0.0017	0.0010	0.0008	0.0009	0.0015	0.0022	0.0041	0	0	0.00%
S31	NNH4	mg N/L	92	09MAY2000 - 24APR2001	12	0.176	0.067	0.102	0.111	0.158	0.243	0.276	0	0	0.00%
S31	ORGN	mg N/L	79	09MAY2000 - 24APR2001	12	1.108	0.247	0.892	0.935	1.025	1.241	1.712	0	0	0.00%
S31	TKN	mg N/L	21	09MAY2000 - 24APR2001	12	1.245	0.266	0.984	1.109	1.129	1.321	1.946	0	0	0.00%
S31	OPO4	mg P/L	23	09MAY2000 - 24APR2001	11	0.005	0.004	<0.004	<0.004	<0.004	0.005	0.016	6	0	0.00%
S31	TP	mg P/L	25	09MAY2000 - 24APR2001	11	0.025	0.023	0.010	0.011	0.016	0.027	0.090	0	0	0.00%
S31	DIS. CA	mg/L	30	18JUL2000 - 27FEB2001	3	69.99	6.55	63.65	63.65	69.60	76.73	76.73	0	0	0.00%
S31	DIS. K	mg/L	29	18JUL2000 - 24APR2001	4	3.05	0.56	2.24	2.72	3.23	3.39	3.51	0	0	0.00%
S31	DIS. MG	mg/L	31	18JUL2000 - 27FEB2001	3	11.73	2.57	8.84	8.84	12.60	13.75	13.75	0	0	0.00%
S31	DIS. NA	mg/L	28	18JUL2000 - 24APR2001	4	38.68	7.71	28.71	32.60	40.46	44.75	45.09	0	0	0.00%
S31	TOT. CL	mg/L	32	09MAY2000 - 24APR2001	12	63.08	7.55	45.47	60.76	62.86	69.56	71.08	0	0	0.00%
S31	TOT. SO4	mg/L	33	18JUL2000 - 24APR2001	4	6.68	4.03	4.02	4.29	5.02	9.06	12.65	0	0	0.00%
S31	DIS. SILICA	mg/L	27	18JUL2000 - 24APR2001	4	10.54	1.10	9.14	9.68	10.75	11.41	11.53	0	0	0.00%
S31	TOT. FE	mg/L	177	18JUL2000 - 24OCT2000	2	0.10	0.06	0.06	0.06	0.10	0.14	0.14	0	0	0.00%
S31	TOT. AS	ug/L	106	18JUL2000 - 18JUL2000	1	1.56		1.56	1.56	1.56	1.56	1.56	0	0	0.00%
S31	TOT. CD	ug/L	103	18JUL2000 - 18JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S31	TOT. CU	ug/L	104	18JUL2000 - 18JUL2000	1	1.34		1.34	1.34	1.34	1.34	1.34	0	0	0.00%
S31	TOT. PB	ug/L	107	18JUL2000 - 18JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S38	% SAT. DO	PERCENT	76	01MAY2000 - 19FEB2001	13	40.86	21.28	14.41	26.46	38.71	44.73	87.49	0	0	0.00%
S38	DO	mg/L	8	01MAY2000 - 30APR2001	15	3.75	2.02	1.16	2.28	3.21	5.01	7.77	0	11	73.33%
S38	FLDCOND.	UMHOS/CM	9	01MAY2000 - 30APR2001	15	748.27	223.10	300.00	605.00	808.00	920.00	989.00	0	0	0.00%
S38	PH	UNITS	10	01MAY2000 - 30APR2001	15	7.30	0.28	6.70	7.10	7.29	7.51	7.86	0	0	0.00%
S38	TURBIDITY	NTU	12	01MAY2000 - 30APR2001	15	0.83	0.70	0.27	0.42	0.55	0.79	2.57	0	0	0.00%
S38	TSS	mg/L	16	01MAY2000 - 30APR2001	15	1.99	1.16	<1	<1	<3	<3	4.40	13	0	0.00%
S38	COLOR	UNITS	13	01MAY2000 - 30APR2001	15	81.13	10.30	57.00	76.00	81.00	87.00	100.00	0	0	0.00%
S38	HARDNESS	mg/L CaCO3	35	24JUL2000 - 19FEB2001	3	190.61	70.70	123.65	123.65	183.65	264.53	264.53	0	0	0.00%
S38	TEMP	CENT	7	01MAY2000 - 30APR2001	15	23.98	4.07	14.63	22.08	23.80	27.92	29.09	0	0	0.00%
S38	ALKALINITY	mg/L	67	01MAY2000 - 30APR2001	15	180.51	48.72	83.76	162.30	198.20	209.00	243.80	0	0	0.00%
S38	TN	mg N/L	80	01MAY2000 - 30APR2001	15	1.598	0.565	0.757	1.012	1.619	2.143	2.735	0	0	0.00%
S38	NOX	mg N/L	18	01MAY2000 - 30APR2001	15	0.019	0.032	<0.004	<0.004	0.005	0.013	0.099	4	0	0.00%
S38	NO2	mg N/L	19	01MAY2000 - 30APR2001	15	0.005	0.004	<0.004	<0.004	<0.004	<0.004	0.021	12	0	0.00%
S38	NO3	mg N/L	78	01MAY2000 - 30APR2001	15	0.018	0.028	<0.004	<0.004	0.005	0.013	0.094	5	0	0.00%
S38	NH4	mg N/L	20	01MAY2000 - 30APR2001	15	0.046	0.086	<0.009	<0.009	0.011	0.038	0.331	4	0	0.00%
S38	UN-IONIZED AMMONIA	mg/L as NH3	CALC	01MAY2000 - 30APR2001	15	0.0009	0.0016	0.0000	0.0001	0.0001	0.0007	0.0057	0	0	0.00%
S38	NNH4	mg N/L	92	01MAY2000 - 30APR2001	15	0.063	0.113	<0.009	0.006	0.016	0.051	0.422	2	0	0.00%
S38	ORGN	mg N/L	79	01MAY2000 - 30APR2001	15	1.536	0.488	0.746	1.006	1.603	1.984	2.313	0	0	0.00%
S38	TKN	mg N/L	21	01MAY2000 - 30APR2001	15	1.580	0.545	0.757	1.006	1.614	2.123	2.644	0	0	0.00%
S38	OPO4	mg P/L	23	01MAY2000 - 30APR2001	15	0.006	0.005	<0.004	<0.004	0.004	0.005	0.024	5	0	0.00%
S38	TP	mg P/L	25	01MAY2000 - 30APR2001	15	0.015	0.014	0.004	0.006	0.008	0.015	0.053	0	0	0.00%
S38	DIS. CA	mg/L	30	24JUL2000 - 19FEB2001	3	51.64	17.79	31.82	31.82	56.90	66.20	66.20	0	0	0.00%
S38	DIS. K	mg/L	29	24JUL2000 - 30APR2001	4	6.06	2.30	4.20	4.21	5.55	7.91	8.94	0	0	0.00%
S38	DIS. MG	mg/L	31	24JUL2000 - 19FEB2001	3	14.98	7.91	10.10	10.10	10.74	24.11	24.11	0	0	0.00%
S38	DIS. NA	mg/L	28	24JUL2000 - 30APR2001	4	64.89	24.38	42.80	44.79	61.43	85.00	93.92	0	0	0.00%
S38	TOT. CL	mg/L	32	01MAY2000 - 30APR2001	15	100.05	35.22	34.23	66.22	106.11	126.32	147.28	0	0	0.00%
S38	TOT. SO4	mg/L	33	24JUL2000 - 30APR2001	4	32.51	28.48	2.34	12.81	28.65	52.21	70.39	0	0	0.00%
S38	DIS. SILICA	mg/L	27	24JUL2000 - 30APR2001	4	9.40	3.60	5.22	6.40	9.91	12.40	12.56	0	0	0.00%
S38	TOT. FE	mg/L	177	24JUL2000 - 30OCT2000	2	0.004	0.0016	0.00	0.00	0.00	0.01	0.01	0	0	0.00%
S38	TOT. AS	ug/L	106	24JUL2000 - 24JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S38	TOT. CD	ug/L	103	24JUL2000 - 24JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S38	TOT. CU	ug/L	104	24JUL2000 - 24JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S38	TOT. PB	ug/L	107	24JUL2000 - 24JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S38	TOT. ZN	ug/L	105	24JUL2000 - 24JUL2000	1	13.09		13.09	13.09	13.09	13.09	13.09	0	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S39	% SAT. DO	PERCENT	76	11MAY2000 - 26FEB2001	12	61.61	21.17	27.28	41.32	65.74	76.81	96.29	0	0	0.00%
S39	DO	mg/L	8	11MAY2000 - 23APR2001	14	5.45	2.06	2.18	3.45	5.64	6.84	9.55	0	5	35.71%
S39	FLDCOND.	UMHOS/CM	9	11MAY2000 - 23APR2001	14	715.79	253.39	245.00	527.00	707.00	896.00	1202.00	0	0	0.00%
S39	PH	UNITS	10	11MAY2000 - 23APR2001	14	7.61	0.25	7.22	7.44	7.57	7.79	8.07	0	0	0.00%
S39	TURBIDITY	NTU	12	11MAY2000 - 23APR2001	14	2.97	1.72	0.97	1.89	2.33	3.97	7.29	0	0	0.00%
S39	TSS	mg/L	16	11MAY2000 - 23APR2001	14	2.94	1.73	<1	<3	2.00	4.00	7.00	4	0	0.00%
S39	COLOR	UNITS	13	22MAY2000 - 23APR2001	13	99.46	42.21	61.00	65.00	85.00	132.00	196.00	0	0	0.00%
S39	HARDNESS	mg/L CaCO3	35	31JUL2000 - 29JAN2001	3	254.03	100.68	149.59	149.59	262.04	350.47	350.47	0	0	0.00%
S39	TEMP	CENT	7	11MAY2000 - 23APR2001	14	25.90	3.94	16.08	24.01	26.50	29.04	30.72	0	0	0.00%
S39	ALKALINITY	mg/L	67	11MAY2000 - 23APR2001	14	183.51	76.94	64.03	130.10	168.50	230.60	347.40	0	0	0.00%
S39	TN	mg N/L	80	11MAY2000 - 23APR2001	14	1.899	0.700	1.100	1.352	1.760	2.152	3.582	0	0	0.00%
S39	NOX	mg N/L	18	11MAY2000 - 23APR2001	14	0.108	0.255	<0.004	0.005	0.007	0.039	0.875	1	0	0.00%
S39	NO2	mg N/L	19	11MAY2000 - 23APR2001	14	0.018	0.037	<0.004	<0.004	0.000	0.007	0.141	7	0	0.00%
S39	NO3	mg N/L	78	11MAY2000 - 23APR2001	14	0.093	0.218	<0.004	0.004	0.006	0.030	0.734	3	0	0.00%
S39	NH4	mg N/L	20	11MAY2000 - 23APR2001	14	0.028	0.032	<0.009	<0.009	0.012	0.031	0.096	4	0	0.00%
S39	UN-IONIZED AMMONIA	mg/L as NH3	CALC	11MAY2000 - 23APR2001	14	0.0008	0.0009	0.0002	0.0003	0.0005	0.0009	0.0038	0	0	0.00%
S39	NNH4	mg N/L	92	11MAY2000 - 23APR2001	14	0.134	0.274	0.004	0.011	0.020	0.081	0.962	0	0	0.00%
S39	ORGN	mg N/L	79	11MAY2000 - 23APR2001	14	1.766	0.484	1.089	1.317	1.749	2.132	2.620	0	0	0.00%
S39	TKN	mg N/L	21	11MAY2000 - 23APR2001	14	1.791	0.507	1.100	1.329	1.755	2.147	2.707	0	0	0.00%
S39	OPO4	mg P/L	23	11MAY2000 - 23APR2001	14	0.016	0.016	0.004	0.005	0.010	0.021	0.048	0	0	0.00%
S39	TP	mg P/L	25	11MAY2000 - 23APR2001	14	0.040	0.022	0.014	0.021	0.038	0.048	0.082	0	0	0.00%
S39	DIS. CA	mg/L	30	31JUL2000 - 29JAN2001	3	66.23	27.34	38.07	38.07	67.98	92.65	92.65	0	0	0.00%
S39	DIS. K	mg/L	29	31JUL2000 - 23APR2001	4	6.66	2.01	4.00	5.42	6.88	7.90	8.87	0	0	0.00%
S39	DIS. MG	mg/L	31	31JUL2000 - 29JAN2001	3	21.54	7.88	13.25	13.25	22.42	28.94	28.94	0	0	0.00%
S39	DIS. NA	mg/L	28	31JUL2000 - 23APR2001	4	69.88	19.55	48.04	57.36	67.97	82.40	95.56	0	0	0.00%
S39	TOT. CL	mg/L	32	11MAY2000 - 23APR2001	14	95.10	32.22	30.33	73.42	94.60	123.62	143.69	0	0	0.00%
S39	TOT. SO4	mg/L	33	31JUL2000 - 23APR2001	4	37.05	14.13	19.85	26.60	37.44	47.50	53.46	0	0	0.00%
S39	DIS. SILICA	mg/L	27	31JUL2000 - 23APR2001	4	12.46	6.01	7.10	7.38	11.81	17.54	19.13	0	0	0.00%
S39	TOT. FE	mg/L	177	31JUL2000 - 29JAN2001	3	0.04	0.04	0.01	0.01	0.03	0.08	0.08	0	0	0.00%
S39	TOT. AS	ug/L	106	31JUL2000 - 31JUL2000	1	3.34		3.34	3.34	3.34	3.34	3.34	0	0	0.00%
S39	TOT. CD	ug/L	103	31JUL2000 - 31JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S39	TOT. CU	ug/L	104	31JUL2000 - 31JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S39	TOT. PB	ug/L	107	31JUL2000 - 31JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S39	TOT. ZN	ug/L	105	31JUL2000 - 31JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%
S197	% SAT. DO	PERCENT	76	07JUN2000 - 17JAN2001	6	70.38	25.30	27.09	58.75	75.85	90.09	94.64	0	0	0.00%
S197	DO	mg/L	8	07JUN2000 - 17JAN2001	6	5.86	2.30	2.22	4.62	6.19	6.95	8.99	0	2	33.33%
S197	FLDCOND.	UMHOS/CM	9	07JUN2000 - 17JAN2001	6	530.35	71.96	471.00	488.00	499.05	562.00	663.00	0	0	0.00%
S197	PH	UNITS	10	07JUN2000 - 17JAN2001	6	7.77	0.30	7.27	7.61	7.84	8.01	8.05	0	0	0.00%
S197	TURBIDITY	NTU	12	07JUN2000 - 17JAN2001	6	2.00	1.13	1.00	1.06	1.72	2.45	4.03	0	0	0.00%
S197	TSS	mg/L	16	07JUN2000 - 17JAN2001	6	2.20	0.94	<1	<3	1.20	2.00	3.00	3	0	0.00%
S197	COLOR	UNITS	13	07JUN2000 - 17JAN2001	6	15.00	2.28	11.00	14.00	15.50	17.00	17.00	0	0	0.00%
S197	HARDNESS	mg/L CaCO3	35	06JUL2000 - 17JAN2001	3	197.53	21.04	183.81	183.81	187.02	221.75	221.75	0	0	0.00%
S197	TEMP	CENT	7	07JUN2000 - 17JAN2001	6	26.60	4.57	18.33	25.05	27.85	29.42	31.10	0	0	0.00%
S197	ALKALINITY	mg/L	67	07JUN2000 - 17JAN2001	6	188.73	10.49	172.60	183.10	189.85	196.50	200.50	0	0	0.00%
S197	SALINITY	UNITS	98	17JAN2001 - 17JAN2001	1	0.24		0.24	0.24	0.24	0.24	0.24	0	0	0.00%
S197	TN	mg N/L	80	07JUN2000 - 17JAN2001	6	0.575	0.086	<0.5	<0.5	0.053	0.645	0.696	3	0	0.00%
S197	NOX	mg N/L	18	07JUN2000 - 17JAN2001	6	0.038	0.054	<0.004	0.004	0.018	0.038	0.144	1	0	0.00%
S197	NO2	mg N/L	19	07JUN2000 - 17JAN2001	6	0.006	0.003	<0.004	<0.004	<0.004	0.006	0.011	4	0	0.00%
S197	NO3	mg N/L	78	07JUN2000 - 17JAN2001	6	0.035	0.050	<0.004	0.004	0.018	0.032	0.133	1	0	0.00%
S197	NH4	mg N/L	20	07JUN2000 - 17JAN2001	6	0.045	0.047	<0.009	<0.009	0.033	0.054	0.130	2	0	0.00%
S197	UN-IONIZED AMMONIA	mg/L as NH3	CALC	07JUN2000 - 17JAN2001	6	0.0014	0.0006	0.0004	0.0010	0.0014	0.0019	0.0020	0	0	0.00%
S197	NNH4	mg N/L	92	07JUN2000 - 17JAN2001	6	0.080	0.083	<0.009	0.004	0.051	0.168	0.198	1	0	0.00%
S197	ORGN	mg N/L	79	07JUN2000 - 17JAN2001	6	0.564	0.071	<0.5	<0.5	0.051	0.634	0.645	3	0	0.00%
S197	TKN	mg N/L	21	07JUN2000 - 17JAN2001	6	0.572	0.084	<0.5	<0.5	0.051	0.645	0.687	3	0	0.00%
S197	OPO4	mg P/L	23	07JUN2000 - 17JAN2001	6	0.004	0.001	<0.004	<0.004	<0.004	0.005	0.005	4	0	0.00%
S197	TP	mg P/L	25	07JUN2000 - 17JAN2001	6	0.009	0.004	0.005	0.007	0.008	0.008	0.017	0	0	0.00%
S197	DIS. CA	mg/L	30	06JUL2000 - 17JAN2001	3	68.59	6.62	64.45	64.45	65.08	76.22	76.22	0	0	0.00%
S197	DIS. K	mg/L	29	06JUL2000 - 17JAN2001	3	4.76	0.68	4.07	4.07	4.76	5.44	5.44	0	0	0.00%
S197	DIS. MG	mg/L	31	06JUL2000 - 17JAN2001	3	6.38	1.23	5.17	5.17	6.34	7.64	7.64	0	0	0.00%
S197	DIS. NA	mg/L	28	06JUL2000 - 17JAN2001	3	30.22	11.73	22.28	22.28	24.69	43.70	43.70	0	0	0.00%
S197	TOT. CL	mg/L	32	07JUN2000 - 17JAN2001	6	47.85	16.33	31.97	37.56	40.35	65.64	71.22	0	0	0.00%
S197	TOT. SO4	mg/L	33	06JUL2000 - 17JAN2001	3	12.59	3.94	8.11	8.11	14.14	15.52	15.52	0	0	0.00%
S197	DIS. SILICA	mg/L	27	06JUL2000 - 17JAN2001	3	4.69	2.18	2.67	2.67	4.39	7.01	7.01	0	0	0.00%
S197	TOT. FE	mg/L	177	06JUL2000 - 11OCT2000	2	0.16	0.06	0.12	0.12	0.16	0.20	0.20	0	0	0.00%
S197	TOT. CD	ug/L	103	06JUL2000 - 06JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S197	TOT. CU	ug/L	104	06JUL2000 - 06JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S197	TOT. ZN	ug/L	105	06JUL2000 - 06JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S334	% SAT. DO	PERCENT	76	04MAY2000 - 26FEB2001	15	57.53	18.73	16.95	46.01	58.36	65.01	91.24	0	0	0.00%
S334	DO	mg/L	8	04MAY2000 - 23APR2001	17	5.23	2.06	1.35	3.76	5.00	6.75	8.94	0	8	47.06%
S334	FLDCOND.	UMHOS/CM	9	04MAY2000 - 23APR2001	17	503.46	89.72	328.00	437.00	495.00	575.00	657.00	0	0	0.00%
S334	PH	UNITS	10	04MAY2000 - 23APR2001	17	7.58	0.34	7.02	7.42	7.55	7.80	8.21	0	0	0.00%
S334	TURBIDITY	NTU	12	22MAY2000 - 23APR2001	12	2.61	1.28	1.12	1.48	2.44	3.43	5.10	0	0	0.00%
S334	TSS	mg/L	16	22MAY2000 - 23APR2001	12	5.50	6.72	<3	0.30	2.80	4.40	23.60	3	0	0.00%
S334	COLOR	UNITS	13	22MAY2000 - 23APR2001	12	42.50	16.43	23.00	27.50	41.50	52.50	72.00	0	0	0.00%
S334	HARDNESS	mg/L CaCO3	35	17JUL2000 - 23APR2001	4	189.19	29.68	162.26	167.36	182.50	211.03	229.52	0	0	0.00%
S334	TEMP	CENT	7	04MAY2000 - 23APR2001	17	26.23	3.21	16.70	24.89	25.56	28.51	31.31	0	0	0.00%
S334	ALKALINITY	mg/L	67	22MAY2000 - 23APR2001	12	186.43	25.85	134.10	168.00	188.75	207.20	225.80	0	0	0.00%
S334	SALINITY	UNITS	98	29JAN2001 - 26MAR2001	2	0.23	0.04	0.20	0.20	0.23	0.25	0.25	0	0	0.00%
S334	TN	mg N/L	80	22MAY2000 - 23APR2001	12	1.219	0.208	0.996	1.110	1.145	1.297	1.785	0	0	0.00%
S334	NOX	mg N/L	18	19JUN2000 - 23APR2001	11	0.052	0.035	0.006	0.032	0.044	0.087	0.122	0	0	0.00%
S334	NO2	mg N/L	19	22MAY2000 - 23APR2001	12	0.005	0.002	<0.004	0.000	0.005	0.006	0.009	3	0	0.00%
S334	NO3	mg N/L	78	19JUN2000 - 23APR2001	11	0.048	0.035	<0.004	0.025	0.037	0.078	0.118	1	0	0.00%
S334	NH4	mg N/L	20	19JUN2000 - 23APR2001	11	0.077	0.060	<0.009	0.024	0.049	0.122	0.180	1	0	0.00%
S334	UN-IONIZED AMMONIA	mg/L as NH3	CALC	04MAY2000 - 23APR2001	11	0.0033	0.0033	0.0001	0.0016	0.0026	0.0034	0.0120	0	0	0.00%
S334	NNH4	mg N/L	92	19JUN2000 - 23APR2001	11	0.128	0.073	0.006	0.079	0.119	0.209	0.237	0	0	0.00%
S334	ORGN	mg N/L	79	19JUN2000 - 23APR2001	11	1.039	0.135	0.914	0.926	0.990	1.150	1.275	0	0	0.00%
S334	TKN	mg N/L	21	22MAY2000 - 23APR2001	12	1.171	0.221	0.985	1.034	1.096	1.261	1.785	0	0	0.00%
S334	OPO4	mg P/L	23	22MAY2000 - 23APR2001	12	0.004	0.000	<0.004	<0.004	0.004	0.004	0.005	5	0	0.00%
S334	TP	mg P/L	25	04MAY2000 - 23APR2001	17	0.019	0.005	0.006	0.017	0.018	0.023	0.030	0	0	0.00%
S334	DIS. CA	mg/L	30	17JUL2000 - 23APR2001	4	63.50	11.24	55.55	55.82	59.40	71.17	79.64	0	0	0.00%
S334	DIS. K	mg/L	29	17JUL2000 - 23APR2001	4	1.89	0.44	1.47	1.53	1.85	2.25	2.39	0	0	0.00%
S334	DIS. MG	mg/L	31	17JUL2000 - 23APR2001	4	7.44	1.27	5.72	6.59	7.66	8.30	8.74	0	0	0.00%
S334	DIS. NA	mg/L	28	17JUL2000 - 23APR2001	4	26.01	3.17	21.53	23.92	26.81	28.11	28.90	0	0	0.00%
S334	TOT. CL	mg/L	32	22MAY2000 - 23APR2001	12	42.69	10.30	27.70	34.04	42.79	49.94	59.61	0	0	0.00%
S334	TOT. SO4	mg/L	33	23OCT2000 - 29JAN2001	2	3.19	0.95	2.52	2.52	3.19	3.86	3.86	0	0	0.00%
S334	DIS. SILICA	mg/L	27	17JUL2000 - 23APR2001	4	6.67	2.62	3.96	4.45	6.70	8.89	9.32	0	0	0.00%
S334	TOT. FE	mg/L	177	17JUL2000 - 23OCT2000	2	0.21	0.06	0.17	0.17	0.21	0.25	0.25	0	0	0.00%
S334	TOT. CD	ug/L	103	17JUL2000 - 17JUL2000	1	0.39		0.39	0.39	0.39	0.39	0.39	0	0	0.00%
S334	TOT. CU	ug/L	104	17JUL2000 - 17JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S334	TOT. ZN	ug/L	105	17JUL2000 - 17JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%
US41-25	% SAT. DO	PERCENT	76	08MAY2000 - 26FEB2001	22	32.37	11.40	16.31	24.84	31.04	34.36	68.68	0	0	0.00%
US41-25	DO	mg/L	8	08MAY2000 - 23APR2001	26	2.79	1.06	1.42	2.12	2.52	3.25	6.47	0	25	96.15%
US41-25	FLDCOND.	UMHOS/CM	9	08MAY2000 - 23APR2001	26	403.17	83.44	300.00	319.00	400.50	497.00	540.00	0	0	0.00%
US41-25	PH	UNITS	10	08MAY2000 - 23APR2001	26	7.23	0.15	6.76	7.18	7.25	7.34	7.49	0	0	0.00%
US41-25	TURBIDITY	NTU	12	22MAY2000 - 23APR2001	15	1.78	1.15	0.59	1.06	1.37	2.37	4.05	0	0	0.00%
US41-25	TSS	mg/L	16	22MAY2000 - 23APR2001	15	3.28	2.44	<1	<3	2.00	3.40	9.60	4	0	0.00%
US41-25	COLOR	UNITS	13	22MAY2000 - 23APR2001	15	28.93	7.08	18.00	20.00	30.00	34.00	40.00	0	0	0.00%
US41-25	HARDNESS	mg/L CaCO3	35	22MAY2000 - 23APR2001	15	180.11	43.33	132.48	138.08	166.51	234.56	248.35	0	0	0.00%
US41-25	TEMP	CENT	7	08MAY2000 - 23APR2001	26	26.08	3.83	15.71	23.18	24.58	28.77	30.00	0	0	0.00%
US41-25	ALKALINITY	mg/L	67	22MAY2000 - 23APR2001	15	180.21	44.56	133.10	139.10	165.70	232.20	258.10	0	0	0.00%
US41-25	SALINITY	UNITS	98	29JAN2001 - 26MAR2001	2	0.26	0.01	0.25	0.25	0.26	0.26	0.26	0	0	0.00%
US41-25	TN	mg N/L	80	22MAY2000 - 23APR2001	17	0.836	0.200	<0.5	0.696	0.859	0.918	1.246	1	0	0.00%
US41-25	NOX	mg N/L	18	22MAY2000 - 23APR2001	15	0.037	0.013	0.022	0.027	0.035	0.044	0.067	0	0	0.00%
US41-25	NO2	mg N/L	19	22MAY2000 - 23APR2001	15	0.004	0.000	<0.004	<0.004	<0.004	0.004	0.005	11	0	0.00%
US41-25	NO3	mg N/L	78	22MAY2000 - 23APR2001	15	0.036	0.013	0.017	0.027	0.034	0.040	0.067	0	0	0.00%
US41-25	NH4	mg N/L	20	22MAY2000 - 23APR2001	15	0.094	0.078	0.024	0.045	0.071	0.105	0.293	0	0	0.00%
US41-25	UN-IONIZED AMMONIA	mg/L as NH3	CALC	08MAY2000 - 23APR2001	15	0.0011	0.0010	0.0004	0.0005	0.0009	0.0012	0.0037	0	0	0.00%
US41-25	NNH4	mg N/L	92	22MAY2000 - 23APR2001	15	0.131	0.083	0.051	0.073	0.112	0.147	0.337	0	0	0.00%
US41-25	ORGN	mg N/L	79	22MAY2000 - 23APR2001	15	0.717	0.140	<0.5	0.621	0.735	0.815	0.951	1	0	0.00%
US41-25	TKN	mg N/L	21	22MAY2000 - 23APR2001	17	0.805	0.191	<0.5	0.666	0.837	0.886	1.209	1	0	0.00%
US41-25	OPO4	mg P/L	23	22MAY2000 - 23APR2001	15	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.007	8	0	0.00%
US41-25	ALKALINE PHOSPHATE	nmol/minml	168	22MAY2000 - 23APR2001	14	6.01	3.35	2.50	3.20	4.90	7.40	13.80	0	0	0.00%
US41-25	TP	mg P/L	25	08MAY2000 - 23APR2001	26	0.030	0.019	0.012	0.016	0.025	0.037	0.075	0	0	0.00%
US41-25	DIS. CA	mg/L	30	22MAY2000 - 23APR2001	15	67.08	16.14	49.12	51.64	62.10	87.36	92.76	0	0	0.00%
US41-25	DIS. K	mg/L	29	22MAY2000 - 23APR2001	15	0.74	0.26	0.43	0.50	0.67	1.00	1.23	0	0	0.00%
US41-25	DIS. MG	mg/L	31	22MAY2000 - 23APR2001	15	3.06	0.75	2.08	2.36	2.91	3.99	4.06	0	0	0.00%
US41-25	DIS. NA	mg/L	28	22MAY2000 - 23APR2001	15	12.90	2.26	9.15	11.09	13.60	14.13	16.38	0	0	0.00%
US41-25	TOT. CL	mg/L	32	22MAY2000 - 23APR2001	15	17.97	3.46	12.37	15.09	19.05	21.08	23.37	0	0	0.00%
US41-25	TOT. SO4	mg/L	33	05JUL2000 - 29JAN2001	3	0.51	0.34	0.19	0.19	0.49	0.86	0.86	0	0	0.00%
US41-25	DIS. SILICA	mg/L	27	05JUL2000 - 23APR2001	4	4.85	1.96	1.91	3.83	5.78	5.86	5.91	0	0	0.00%
US41-25	TOT. FE	mg/L	177	22MAY2000 - 18DEC2000	11	0.17	0.03	0.14	0.14	0.17	0.20	0.22	0	0	0.00%
US41-25	TOT. AS	ug/L	106	22MAY2000 - 04DEC2000	10	1.55	0.11	<1.5	<1.5	<1.5	<1.5	1.82	8	0	0.00%
US41-25	TOT. CD	ug/L	103	22MAY2000 - 04DEC2000	10	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	10	0	0.00%
US41-25	TOT. CU	ug/L	104	22MAY2000 - 04DEC2000	10	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	10	0	0.00%
US41-25	TOT. PB	ug/L	107	22MAY2000 - 04DEC2000	10	0.80	0.000	<0.8	<0.8	<0.8	<0.8	<0.8	10	0	0.00%
US41-25	TOT. ZN	ug/L	105	22MAY2000 - 04DEC2000	10	4.00	0.000	<4	<4	<4	<4	<4	10	0	0.00%
US41-25	CAROTENOID	mg/m3	63	22MAY2000 - 23APR2001	15	5.31	4.20	<1	1.90	3.40	8.00	15.70	2	0	0.00%
US41-25	CHLA	mg/m3	61	22MAY2000 - 23APR2001	15	15.05	12.48	1.40	4.90	8.20	24.60	44.60	0	0	0.00%
US41-25	CHLA2	mg/m3	112	22MAY2000 - 23APR2001	15	12.29	9.81	1.70	4.50	7.30	20.60	34.50	0	0	0.00%
US41-25	CHLB	mg/m3	62	22MAY2000 - 23APR2001	15	1.43	0.86	<1	<1	<1	1.50	3.70	11	0	0.00%
US41-25	CHLC	mg/m3	113	22MAY2000 - 23APR2001	15	1.19	0.31	<1	<1	<1	1.50	1.80	10	0	0.00%
US41-25	PHEOPHYTIN A	mg/m3	64	22MAY2000 - 23APR2001	15	4.13	4.22	<1	<1	<1	2.60	5.70	5	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S344	% SAT. DO	PERCENT	76	06JUL2000 - 18JAN2001	3	41.21	24.11	26.81	26.81	27.77	69.04	69.04	0	0	0.00%
S344	DO	mg/L	8	06JUL2000 - 23APR2001	4	4.05	2.17	2.13	2.27	3.69	5.83	6.69	0	3	75.00%
S344	FLDCOND.	UMHOS/CM	9	06JUL2000 - 23APR2001	4	309.25	90.93	211.00	234.50	308.00	384.00	410.00	0	0	0.00%
S344	PH	UNITS	10	06JUL2000 - 23APR2001	4	7.32	0.35	6.90	7.08	7.30	7.56	7.76	0	0	0.00%
S344	TURBIDITY	NTU	12	06JUL2000 - 23APR2001	4	2.93	2.15	0.51	1.13	3.09	4.72	5.01	0	0	0.00%
S344	TSS	mg/L	16	06JUL2000 - 23APR2001	4	3.35	1.58	<1	1.50	4.00	4.20	4.40	1	0	0.00%
S344	COLOR	UNITS	13	06JUL2000 - 23APR2001	4	44.25	14.17	31.00	33.50	41.50	55.00	63.00	0	0	0.00%
S344	HARDNESS	mg/L CaCO3	35	06JUL2000 - 23APR2001	4	135.14	35.95	99.11	105.35	132.70	164.94	176.07	0	0	0.00%
S344	TEMP	CENT	7	06JUL2000 - 23APR2001	4	23.67	4.81	17.28	20.33	24.31	27.00	28.76	0	0	0.00%
S344	ALKALINITY	mg/L	67	06JUL2000 - 23APR2001	4	129.90	34.59	90.69	101.30	131.80	158.50	165.30	0	0	0.00%
S344	TN	mg N/L	80	06JUL2000 - 23APR2001	4	1.193	0.295	0.766	1.017	1.281	1.369	1.444	0	0	0.00%
S344	NOX	mg N/L	18	06JUL2000 - 23APR2001	4	0.014	0.010	<0.004	0.003	0.012	0.021	0.027	1	0	0.00%
S344	NO2	mg N/L	19	06JUL2000 - 23APR2001	4	0.004	0.000	<0.004	<0.004	<0.004	0.000	0.004	3	0	0.00%
S344	NO3	mg N/L	78	06JUL2000 - 23APR2001	4	0.013	0.010	<0.004	0.003	0.010	0.019	0.027	1	0	0.00%
S344	NH4	mg N/L	20	06JUL2000 - 23APR2001	4	0.061	0.052	<0.009	0.009	0.055	0.103	0.123	1	0	0.00%
S344	UN-IONIZED AMMONIA	mg/L as NH3	CALC	06JUL2000 - 23APR2001	4	0.0008	0.0008	0.0001	0.0002	0.0005	0.0013	0.0020	0	0	0.00%
S344	NNH4	mg N/L	92	06JUL2000 - 23APR2001	4	0.073	0.060	<0.009	0.014	0.073	0.124	0.137	1	0	0.00%
S344	ORGN	mg N/L	79	06JUL2000 - 23APR2001	4	1.122	0.266	0.730	0.957	1.226	1.288	1.307	0	0	0.00%
S344	TKN	mg N/L	21	06JUL2000 - 23APR2001	4	1.180	0.292	0.757	1.012	1.267	1.349	1.430	0	0	0.00%
S344	OPO4	mg P/L	23	06JUL2000 - 23APR2001	4	0.004	0.001	<0.004	0.000	0.000	0.005	0.005	2	0	0.00%
S344	TP	mg P/L	25	06JUL2000 - 23APR2001	3	0.049	0.036	0.013	0.013	0.051	0.084	0.084	0	0	0.00%
S344	DIS. CA	mg/L	30	06JUL2000 - 23APR2001	4	49.70	12.94	36.45	38.98	49.02	60.42	64.31	0	0	0.00%
S344	DIS. K	mg/L	29	06JUL2000 - 23APR2001	4	0.84	0.45	0.45	0.58	0.72	1.11	1.48	0	0	0.00%
S344	DIS. MG	mg/L	31	06JUL2000 - 23APR2001	4	2.68	0.90	1.93	1.95	2.52	3.42	3.76	0	0	0.00%
S344	DIS. NA	mg/L	28	06JUL2000 - 23APR2001	4	11.30	4.95	6.78	7.37	10.42	15.23	17.59	0	0	0.00%
S344	TOT. CL	mg/L	32	06JUL2000 - 23APR2001	4	18.31	8.82	10.38	11.23	16.75	25.39	29.35	0	0	0.00%
S344	TOT. SO4	mg/L	33	06JUL2000 - 23APR2001	4	0.47	0.19	0.29	0.31	0.48	0.63	0.64	0	0	0.00%
S344	DIS. SILICA	mg/L	27	06JUL2000 - 23APR2001	4	3.66	2.66	1.33	1.41	3.35	5.91	6.61	0	0	0.00%
S344	TOT. FE	mg/L	177	06JUL2000 - 23APR2001	3	0.10	0.05	0.04	0.04	0.11	0.14	0.14	0	0	0.00%
S344	TOT. CD	ug/L	103	06JUL2000 - 06JUL2000	1	0.30		<0.3	<0.3	<0.3	<0.3	<0.3	1	0	0.00%
S344	TOT. CU	ug/L	104	06JUL2000 - 06JUL2000	1	1.20		<1.2	<1.2	<1.2	<1.2	<1.2	1	0	0.00%
S344	TOT. ZN	ug/L	105	06JUL2000 - 06JUL2000	1	4.00		<4	<4	<4	<4	<4	1	0	0.00%
S176	% SAT. DO	PERCENT	76	04MAY2000 - 28FEB2001	18	24.87	17.22	4.86	8.15	26.95	34.00	59.69	0	0	0.00%
S176	DO	mg/L	8	04MAY2000 - 25APR2001	23	2.46	1.60	0.42	0.82	2.59	3.96	5.13	0	22	95.65%
S176	FLDCOND.	UMHOS/CM	9	04MAY2000 - 25APR2001	23	603.78	61.96	521.00	532.00	604.00	650.00	726.00	0	0	0.00%
S176	PH	UNITS	10	04MAY2000 - 25APR2001	23	7.29	0.33	6.09	7.15	7.35	7.50	7.69	0	0	0.00%
S176	TURBIDITY	NTU	12	10MAY2000 - 25APR2001	19	1.93	0.72	1.12	1.32	1.97	2.52	3.65	0	0	0.00%
S176	TSS	mg/L	16	10MAY2000 - 25APR2001	18	2.34	1.47	<3	<3	0.10	2.40	7.00	9	0	0.00%
S176	COLOR	UNITS	13	10MAY2000 - 25APR2001	19	32.79	9.74	13.00	25.00	31.00	43.00	47.00	0	0	0.00%
S176	HARDNESS	mg/L CaCO3	35	10MAY2000 - 25APR2001	20	236.57	21.96	209.61	216.86	232.21	252.36	278.60	0	0	0.00%
S176	TEMP	CENT	7	04MAY2000 - 25APR2001	23	25.45	2.23	20.92	24.69	25.70	26.43	29.07	0	0	0.00%
S176	ALKALINITY	mg/L	67	10MAY2000 - 25APR2001	19	231.35	23.85	205.90	210.70	219.70	252.30	280.80	0	0	0.00%
S176	SALINITY	UNITS	98	17JAN2001 - 28MAR2001	2	0.32	0.01	0.31	0.31	0.32	0.32	0.32	0	0	0.00%
S176	TN	mg N/L	80	10MAY2000 - 25APR2001	19	1.022	0.228	0.690	0.816	1.068	1.179	1.476	0	0	0.00%
S176	NOX	mg N/L	18	10MAY2000 - 25APR2001	19	0.045	0.038	<0.004	0.009	0.038	0.095	0.103	1	0	0.00%
S176	NO2	mg N/L	19	10MAY2000 - 25APR2001	19	0.005	0.002	<0.004	0.004	0.004	0.011	0.011	8	0	0.00%
S176	NO3	mg N/L	78	10MAY2000 - 25APR2001	19	0.042	0.036	<0.004	0.009	0.034	0.089	0.099	1	0	0.00%
S176	NH4	mg N/L	20	10MAY2000 - 25APR2001	19	0.270	0.106	0.079	0.186	0.295	0.346	0.483	0	0	0.00%
S176	UN-IONIZED AMMONIA	mg/L as NH3	CALC	04MAY2000 - 25APR2001	19	0.0040	0.0022	0.0002	0.0022	0.0038	0.0057	0.0078	0	0	0.00%
S176	NNH4	mg N/L	92	10MAY2000 - 25APR2001	19	0.314	0.097	0.088	0.281	0.314	0.352	0.521	0	0	0.00%
S176	ORGN	mg N/L	79	10MAY2000 - 25APR2001	19	0.708	0.222	0.372	0.525	0.731	0.869	1.124	0	0	0.00%
S176	TKN	mg N/L	21	10MAY2000 - 25APR2001	19	0.978	0.220	0.603	0.791	1.026	1.121	1.470	0	0	0.00%
S176	OPO4	mg P/L	23	10MAY2000 - 25APR2001	19	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.007	16	0	0.00%
S176	ALKALINE PHO	nM/minml	168	10MAY2000 - 11APR2001	17	9.22	3.91	3.00	6.70	8.30	12.80	17.20	0	0	0.00%
S176	TP	mg P/L	25	04MAY2000 - 25APR2001	23	0.009	0.003	0.005	0.006	0.007	0.011	0.016	0	0	0.00%
S176	DIS. CA	mg/L	30	10MAY2000 - 25APR2001	20	79.91	5.34	73.37	75.33	78.10	83.92	89.64	0	0	0.00%
S176	DIS. K	mg/L	29	10MAY2000 - 25APR2001	19	2.51	0.34	2.00	2.30	2.47	2.78	3.31	0	0	0.00%
S176	DIS. MG	mg/L	31	10MAY2000 - 25APR2001	20	9.00	2.52	4.98	6.32	9.47	10.96	13.31	0	0	0.00%
S176	DIS. NA	mg/L	28	10MAY2000 - 25APR2001	19	31.43	5.95	22.67	24.96	31.78	35.56	42.45	0	0	0.00%
S176	TOT. CL	mg/L	32	10MAY2000 - 25APR2001	19	48.14	9.25	33.43	37.80	51.38	53.46	65.22	0	0	0.00%
S176	TOT. SO4	mg/L	33	19JUL2000 - 25APR2001	7	3.01	1.25	1.37	2.43	2.87	3.54	5.43	0	0	0.00%
S176	DIS. SILICA	mg/L	27	19JUL2000 - 25APR2001	7	7.31	1.06	5.31	6.70	7.70	8.03	8.45	0	0	0.00%
S176	TOT. FE	mg/L	177	10MAY2000 - 25APR2001	14	0.30	0.14	0.10	0.17	0.31	0.40	0.57	0	0	0.00%
S176	TOT. AS	ug/L	106	19JUL2000 - 19JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S176	TOT. CD	ug/L	103	19JUL2000 - 22JAN2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S176	TOT. CU	ug/L	104	19JUL2000 - 22JAN2001	2	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S176	TOT. PB	ug/L	107	19JUL2000 - 19JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S176	TOT. ZN	ug/L	105	19JUL2000 - 22JAN2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S176	CAROTENOID	mg/m3	63	10MAY2000 - 25APR2001	19	1.43	0.49	<1	<1	1.10	1.90	2.60	7	0	0.00%
S176	CHLA	mg/m3	61	10MAY2000 - 25APR2001	19	2.72	1.39	<1	1.30	2.80	3.50	5.30	3	0	0.00%
S176	CHLA2	mg/m3	112	10MAY2000 - 25APR2001	19	2.51	1.07	<1	1.50	2.60	3.30	4.40	2	0	0.00%
S176	CHLB	mg/m3	62	10MAY2000 - 25APR2001	19	1.00	0.000	<1	<1	<1	<1	<1	19	0	0.00%
S176	CHLC	mg/m3	113	10MAY2000 - 25APR2001	19	1.00	0.000	<1	<1	<1	<1	<1	19	0	0.00%
S176	PHEOPHYTIN A	mg/m3	64	10MAY2000 - 25APR2001	19	1.04	0.10	<1	<1	<1	<1	1.30	16	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S177	% SAT. DO	PERCENT	76	10MAY2000 - 28FEB2001	16	30.39	21.83	1.80	9.22	29.98	44.76	68.33	0	0	0.00%
S177	DO	mg/L	8	10MAY2000 - 25APR2001	21	3.17	2.16	0.15	1.45	3.03	5.39	6.41	0	15	71.43%
S177	FLDCOND.	UMHOS/CM	9	10MAY2000 - 25APR2001	21	555.40	65.69	481.00	501.00	519.00	597.00	687.00	0	0	0.00%
S177	PH	UNITS	10	10MAY2000 - 25APR2001	21	7.42	0.25	7.06	7.23	7.41	7.69	7.79	0	0	0.00%
S177	TURBIDITY	NTU	12	10MAY2000 - 25APR2001	21	2.05	1.03	0.90	1.21	1.70	3.01	4.30	0	0	0.00%
S177	TSS	mg/L	16	10MAY2000 - 25APR2001	21	1.85	0.99	<1	<1	<3	<3	2.60	16	0	0.00%
S177	COLOR	UNITS	13	10MAY2000 - 25APR2001	21	24.43	10.06	10.00	16.00	23.00	33.00	42.00	0	0	0.00%
S177	HARDNESS	mg/L CaCO3	35	10MAY2000 - 25APR2001	22	224.46	20.60	191.26	208.74	216.76	241.07	262.66	0	0	0.00%
S177	TEMP	CENT	7	10MAY2000 - 25APR2001	21	25.29	1.88	20.12	24.37	25.52	26.05	29.22	0	0	0.00%
S177	ALKALINITY	mg/L	67	10MAY2000 - 25APR2001	21	219.28	22.86	193.60	202.10	209.80	236.20	264.80	0	0	0.00%
S177	SALINITY	UNITS	98	28MAR2001 - 28MAR2001	1	0.30		0.30	0.30	0.30	0.30	0.30	0	0	0.00%
S177	TN	mg N/L	80	10MAY2000 - 25APR2001	21	0.824	0.274	<0.5	0.533	0.876	1.056	1.288	5	0	0.00%
S177	NOX	mg N/L	18	10MAY2000 - 25APR2001	21	0.050	0.041	0.004	0.009	0.044	0.078	0.121	0	0	0.00%
S177	NO2	mg N/L	19	10MAY2000 - 25APR2001	20	0.005	0.002	<0.004	<0.004	0.004	0.005	0.009	7	0	0.00%
S177	NO3	mg N/L	78	10MAY2000 - 25APR2001	20	0.049	0.039	0.004	0.011	0.040	0.081	0.114	0	0	0.00%
S177	NH4	mg N/L	20	10MAY2000 - 25APR2001	21	0.151	0.086	<0.009	0.097	0.135	0.185	0.328	1	0	0.00%
S177	UN-IONIZED AMMONIA	mg/L as NH3	CALC	10MAY2000 - 25APR2001	21	0.0027	0.0018	0.0005	0.0015	0.0023	0.0033	0.0081	0	0	0.00%
S177	NNH4	mg N/L	92	10MAY2000 - 25APR2001	21	0.201	0.096	0.004	0.150	0.196	0.227	0.418	0	0	0.00%
S177	ORGN	mg N/L	79	10MAY2000 - 25APR2001	21	0.660	0.230	<0.5	0.335	0.603	0.858	1.224	5	0	0.00%
S177	TKN	mg N/L	21	10MAY2000 - 25APR2001	21	0.785	0.249	<0.5	0.520	0.839	0.995	1.284	5	0	0.00%
S177	OP04	mg P/L	23	10MAY2000 - 25APR2001	20	0.004	0.001	<0.004	<0.004	<0.004	0.000	0.009	15	0	0.00%
S177	ALKALINE PHOSPHATE	nM/minml	168	10MAY2000 - 11APR2001	17	10.55	7.62	1.60	5.60	7.10	15.00	27.60	0	0	0.00%
S177	TP	mg P/L	25	10MAY2000 - 25APR2001	21	0.012	0.006	0.005	0.008	0.010	0.012	0.031	0	0	0.00%
S177	DIS. CA	mg/L	30	10MAY2000 - 25APR2001	22	77.44	4.47	67.22	75.17	76.47	80.43	85.23	0	0	0.00%
S177	DIS. K	mg/L	29	10MAY2000 - 25APR2001	21	2.91	0.59	2.16	2.47	2.76	3.25	4.37	0	0	0.00%
S177	DIS. MG	mg/L	31	10MAY2000 - 25APR2001	22	7.55	2.65	4.79	5.05	6.14	10.18	12.11	0	0	0.00%
S177	DIS. NA	mg/L	28	10MAY2000 - 25APR2001	21	27.24	7.06	18.79	20.70	24.74	33.98	38.71	0	0	0.00%
S177	TOT. CL	mg/L	32	10MAY2000 - 25APR2001	21	41.91	10.74	29.92	33.35	35.89	50.36	61.14	0	0	0.00%
S177	TOT. SO4	mg/L	33	06JUL2000 - 25APR2001	6	3.95	2.17	1.40	2.58	3.37	5.59	7.38	0	0	0.00%
S177	DIS. SILICA	mg/L	27	06JUL2000 - 25APR2001	6	6.40	1.19	5.04	5.19	6.53	7.49	7.59	0	0	0.00%
S177	TOT. FE	mg/L	177	10MAY2000 - 25APR2001	17	0.24	0.16	0.01	0.10	0.24	0.31	0.54	0	0	0.00%
S177	TOT. AS	ug/L	106	06JUL2000 - 06JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S177	TOT. CD	ug/L	103	06JUL2000 - 22JAN2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S177	TOT. CU	ug/L	104	06JUL2000 - 22JAN2001	2	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S177	TOT. PB	ug/L	107	06JUL2000 - 06JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S177	TOT. ZN	ug/L	105	06JUL2000 - 22JAN2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S177	CAROTENOID	mg/m3	63	10MAY2000 - 25APR2001	21	1.28	0.43	<1	<1	1.00	1.40	2.70	10	0	0.00%
S177	CHLA	mg/m3	61	10MAY2000 - 25APR2001	21	2.12	1.16	<1	1.20	1.80	2.90	5.00	5	0	0.00%
S177	CHLA2	mg/m3	112	10MAY2000 - 25APR2001	21	2.06	0.96	1.00	1.20	1.90	2.80	4.20	0	0	0.00%
S177	CHLB	mg/m3	62	10MAY2000 - 25APR2001	21	1.00	0.000	<1	<1	<1	<1	<1	21	0	0.00%
S177	CHLC	mg/m3	113	10MAY2000 - 25APR2001	21	1.00	0.000	<1	<1	<1	<1	<1	21	0	0.00%
S177	PHEOPHYTIN A	mg/m3	64	10MAY2000 - 25APR2001	21	1.01	0.04	<1	<1	<1	<1	1.10	18	0	0.00%

Table 3 (cont'd). Summary statistics of Non-ECP water quality monitoring data (physical parameters, nutrients, major ions, trace metals) collected during WY2001 (May 1, 2000 – April 30, 2001). Table 3 continues through Page 8B-1b-21.

STATION	TEST NAME	UNITS	LAB NUMBER	PERIOD OF RECORD	NUMBER OF SAMPLES	MEAN	STD	MIN	Q25	MEDIAN	Q75	MAX	# BELOW DETECTION LIMIT	# OF EXCURSIONS	% EXCURSIONS
S178	% SAT. DO	PERCENT	76	24MAY2000 - 14FEB2001	10	37.37	26.21	6.82	16.89	33.94	53.50	95.80	0	0	0.00%
S178	DO	mg/L	8	24MAY2000 - 11APR2001	12	2.96	1.94	0.63	1.46	2.77	3.81	7.65	0	11	91.67%
S178	FLDCOND.	UMHOS/CM	9	24MAY2000 - 11APR2001	12	415.63	84.56	290.00	348.90	406.50	483.35	554.00	0	0	0.00%
S178	PH	UNITS	10	24MAY2000 - 11APR2001	12	7.55	0.24	7.26	7.37	7.49	7.71	8.01	0	0	0.00%
S178	TURBIDITY	NTU	12	24MAY2000 - 11APR2001	12	2.57	1.99	0.39	0.97	1.68	4.06	6.17	0	0	0.00%
S178	TSS	mg/L	16	24MAY2000 - 11APR2001	12	3.92	3.39	<2	<3	2.10	4.00	12.80	5	0	0.00%
S178	COLOR	UNITS	13	24MAY2000 - 11APR2001	12	22.25	8.56	6.00	16.50	23.00	26.50	39.00	0	0	0.00%
S178	HARDNESS	mg/L CaCO3	35	24MAY2000 - 11APR2001	13	141.11	48.31	74.90	97.47	151.41	172.72	225.60	0	0	0.00%
S178	TEMP	CENT	7	24MAY2000 - 11APR2001	12	24.53	3.59	18.79	21.33	24.71	28.00	28.44	0	0	0.00%
S178	ALKALINITY	mg/L	67	24MAY2000 - 11APR2001	12	117.22	46.49	61.96	76.26	114.50	156.85	194.80	0	0	0.00%
S178	TN	mg N/L	80	24MAY2000 - 11APR2001	12	0.806	0.262	<0.5	0.061	0.800	1.012	1.281	3	0	0.00%
S178	NOX	mg N/L	18	24MAY2000 - 11APR2001	12	0.039	0.103	0.004	0.005	0.008	0.017	0.365	0	0	0.00%
S178	NO2	mg N/L	19	24MAY2000 - 11APR2001	12	0.014	0.034	<0.004	<0.004	<0.004	<0.004	0.123	10	0	0.00%
S178	NO3	mg N/L	78	24MAY2000 - 11APR2001	12	0.029	0.067	0.004	0.005	0.008	0.015	0.242	0	0	0.00%
S178	NH4	mg N/L	20	24MAY2000 - 11APR2001	12	0.028	0.027	<0.009	0.012	0.019	0.035	0.105	1	0	0.00%
S178	UN-IONIZED AMMONIA	mg/L as NH3	CALC	24MAY2000 - 11APR2001	12	0.0006	0.0004	0.0002	0.0003	0.0005	0.0007	0.0014	0	0	0.00%
S178	NNH4	mg N/L	92	24MAY2000 - 11APR2001	12	0.067	0.113	0.004	0.021	0.025	0.050	0.411	0	0	0.00%
S178	ORGN	mg N/L	79	24MAY2000 - 11APR2001	12	0.744	0.201	<0.5	0.049	0.762	0.922	1.055	3	0	0.00%
S178	TKN	mg N/L	21	24MAY2000 - 11APR2001	12	0.768	0.214	<0.5	0.059	0.790	0.958	1.072	3	0	0.00%
S178	OPO4	mg P/L	23	24MAY2000 - 11APR2001	12	0.018	0.025	<0.004	0.006	0.008	0.014	0.084	2	0	0.00%
S178	ALKALINE PHOSPHATE	nM/minml	168	24MAY2000 - 11APR2001	11	3.20	1.43	1.60	2.60	2.90	3.60	7.00	0	0	0.00%
S178	TP	mg P/L	25	24MAY2000 - 11APR2001	12	0.044	0.033	0.016	0.020	0.036	0.050	0.123	0	0	0.00%
S178	DIS. CA	mg/L	30	24MAY2000 - 11APR2001	13	46.79	18.69	22.17	30.58	49.10	56.97	80.62	0	0	0.00%
S178	DIS. K	mg/L	29	24MAY2000 - 11APR2001	12	15.53	4.39	9.06	13.08	14.87	16.90	26.63	0	0	0.00%
S178	DIS. MG	mg/L	31	24MAY2000 - 11APR2001	13	5.90	0.89	4.66	5.17	5.72	6.62	7.40	0	0	0.00%
S178	DIS. NA	mg/L	28	24MAY2000 - 11APR2001	12	20.55	3.54	15.30	17.30	21.49	23.42	26.00	0	0	0.00%
S178	TOT. CL	mg/L	32	24MAY2000 - 11APR2001	12	35.64	7.04	26.82	29.33	34.37	42.24	46.65	0	0	0.00%
S178	TOT. SO4	mg/L	33	19JUL2000 - 11APR2001	4	45.69	27.25	28.43	29.11	34.16	62.27	86.00	0	0	0.00%
S178	DIS. SILICA	mg/L	27	19JUL2000 - 11APR2001	4	1.27	0.88	0.27	0.62	1.23	1.93	2.36	0	0	0.00%
S178	TOT. FE	mg/L	177	24MAY2000 - 11APR2001	9	0.07	0.10	0.01	0.02	0.04	0.05	0.31	0	0	0.00%
S178	TOT. AS	ug/L	106	19JUL2000 - 19JUL2000	1	1.50		<1.5	<1.5	<1.5	<1.5	<1.5	1	0	0.00%
S178	TOT. CD	ug/L	103	19JUL2000 - 22JAN2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S178	TOT. CU	ug/L	104	19JUL2000 - 22JAN2001	2	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S178	TOT. PB	ug/L	107	19JUL2000 - 19JUL2000	1	0.80		<0.8	<0.8	<0.8	<0.8	<0.8	1	0	0.00%
S178	TOT. ZN	ug/L	105	19JUL2000 - 22JAN2001	2	4.00	0.000	<4	<4	<4	<4	<4	2	0	0.00%
S178	CAROTENOID	mg/m3	63	24MAY2000 - 11APR2001	12	2.95	2.48	<1	0.00	1.40	5.15	7.50	3	0	0.00%
S178	CHLA	mg/m3	61	24MAY2000 - 11APR2001	12	7.53	6.97	1.60	2.50	3.05	13.05	21.00	0	0	0.00%
S178	CHLA2	mg/m3	112	24MAY2000 - 11APR2001	12	6.17	5.65	1.50	2.10	2.65	10.05	18.60	0	0	0.00%
S178	CHLB	mg/m3	62	24MAY2000 - 11APR2001	12	1.24	0.54	<1	<1	<1	0.25	2.80	9	0	0.00%
S178	CHLC	mg/m3	113	24MAY2000 - 11APR2001	12	1.04	0.14	<1	<1	<1	<1	1.50	11	0	0.00%
S178	PHEOPHYTIN A	mg/m3	64	24MAY2000 - 11APR2001	12	2.38	1.91	<1	<1	0.35	3.00	6.50	6	0	0.00%
S331-173	% SAT. DO	PERCENT	76	04MAY2000 - 13FEB2001	24	22.34	13.54	5.29	12.22	17.51	29.20	60.03	0	0	0.00%
S331-173	DO	mg/L	8	04MAY2000 - 24APR2001	29	1.96	1.16	0.44	1.04	1.77	2.79	5.63	0	28	96.55%
S331-173	FLDCOND.	UMHOS/CM	9	04MAY2000 - 24APR2001	29	624.43	77.64	535.00	560.00	609.10	659.00	830.00	0	0	0.00%
S331-173	PH	UNITS	10	04MAY2000 - 24APR2001	29	7.28	0.17	7.07	7.14	7.26	7.40	7.75	0	0	0.00%
S331-173	TURBIDITY	NTU	12	09MAY2000 - 24APR2001	25	2.55	4.42	0.67	1.29	1.67	1.95	23.60	0	0	0.00%
S331-173	TSS	mg/L	16	09MAY2000 - 24APR2001	25	2.62	3.08	<1	<3	<3	1.40	16.80	13	0	0.00%
S331-173	COLOR	UNITS	13	09MAY2000 - 24APR2001	24	36.13	9.41	22.00	31.50	34.50	41.00	69.00	0	0	0.00%
S331-173	HARDNESS	mg/L CaCO3	35	05JUL2000 - 24APR2001	8	245.83	30.44	213.35	218.89	238.50	275.50	287.53	0	0	0.00%
S331-173	TEMP	CENT	7	04MAY2000 - 24APR2001	29	25.73	2.60	19.02	24.26	25.90	27.60	30.73	0	0	0.00%
S331-173	ALKALINITY	mg/L	67	09MAY2000 - 24APR2001	26	235.70	21.30	201.90	222.30	226.40	252.20	285.20	0	0	0.00%
S331-173	SALINITY	UNITS	98	27MAR2001 - 27MAR2001	1	0.36		0.36	0.36	0.36	0.36	0.36	0	0	0.00%
S331-173	TN	mg N/L	80	09MAY2000 - 24APR2001	26	1.154	0.201	0.783	1.026	1.120	1.317	1.716	0	0	0.00%
S331-173	NOX	mg N/L	18	09MAY2000 - 24APR2001	25	0.019	0.014	<0.004	0.009	0.012	0.026	0.049	1	0	0.00%
S331-173	NO2	mg N/L	19	09MAY2000 - 24APR2001	25	0.004	0.001	<0.004	<0.004	<0.004	<0.004	0.007	22	0	0.00%
S331-173	NO3	mg N/L	78	09MAY2000 - 24APR2001	24	0.017	0.012	<0.004	0.009	0.012	0.026	0.049	2	0	0.00%
S331-173	NH4	mg N/L	20	09MAY2000 - 24APR2001	26	0.351	0.114	0.095	0.296	0.381	0.415	0.547	0	0	0.00%
S331-173	UN-IONIZED AMMONIA	mg/L as NH3	CALC	04MAY2000 - 24APR2001	26	0.0047	0.0018	0.0016	0.0037	0.0043	0.0056	0.0099	0	0	0.00%
S331-173	NNH4	mg N/L	92	09MAY2000 - 24APR2001	25	0.367	0.108	0.121	0.329	0.386	0.426	0.556	0	0	0.00%
S331-173	ORGN	mg N/L	79	09MAY2000 - 24APR2001	26	0.786	0.270	0.450	0.606	0.674	0.979	1.572	0	0	0.00%
S331-173	TKN	mg N/L	21	09MAY2000 - 24APR2001	26	1.136	0.197	0.746	1.017	1.112	1.291	1.669	0	0	0.00%
S331-173	OPO4	mg P/L	23	09MAY2000 - 24APR2001	25	0.004	0.001	<0.004	<0.004	<0.004	0.004	0.008	17	0	0.00%
S331-173	TP	mg P/L	25	04MAY2000 - 24APR2001	29	0.010	0.004	0.005	0.007	0.008	0.012	0.021	0	0	0.00%
S331-173	DIS. CA	mg/L	30	05JUL2000 - 24APR2001	8	82.48	7.31	74.50	76.00	80.56	89.70	92.85	0	0	0.00%
S331-173	DIS. K	mg/L	29	05JUL2000 - 24APR2001	8	2.48	0.34	1.99	2.18	2.55	2.75	2.89	0	0	0.00%
S331-173	DIS. MG	mg/L	31	05JUL2000 - 24APR2001	8	9.69	3.11	5.39	7.22	9.55	12.28	14.02	0	0	0.00%
S331-173	DIS. NA	mg/L	28	05JUL2000 - 24APR2001	8	33.33	8.07	24.10	25.68	33.52	39.43	45.25	0	0	0.00%
S331-173	TOT. CL	mg/L	32	09MAY2000 - 24APR2001	26	51.29	13.96	36.88	40.21	50.78	56.99	102.80	0	0	0.00%
S331-173	TOT. SO4	mg/L	33	11OCT2000 - 24APR2001	6	2.72	1.20	0.96	2.42	2.68	2.88	4.72	0	0	0.00%
S331-173	DIS. SILICA	mg/L	27	05JUL2000 - 24APR2001	8	7.74	0.96	5.88	7.39	7.61	8.64	8.80	0	0	0.00%
S331-173	TOT. FE	mg/L	177	05JUL2000 - 03JAN2001	4	0.34	0.15	0.13	0.24	0.39	0.44	0.46	0	0	0.00%
S331-173	TOT. CD	ug/L	103	05JUL2000 - 03JAN2001	2	0.30	0.000	<0.3	<0.3	<0.3	<0.3	<0.3	2	0	0.00%
S331-173	TOT. CU	ug/L	104	05JUL2000 - 03JAN2001	2	1.20	0.000	<1.2	<1.2	<1.2	<1.2	<1.2	2	0	0.00%
S331-173	TOT. ZN	ug/L	105	05JUL2000 - 03JAN2001	2	5.88	2.66	<4	<4	1.88	7.76	7.76	1	0	0.00%