

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

SOUTH-CENTRAL ALASKA

602212152561300 -- CRESCENT LAKE 2.8 MILE ABOVE OUTLET NEAR TUXEDNI BAY

Date	Time	Sam- pling depth, meters (00098)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unfltrd uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
JUN						
23...	1640	.00	11.8	6.0	34	9.6
23...	1642	2.5	11.9	6.0	34	8.3
23...	1644	5.0	12.0	6.0	34	7.6
23...	1646	7.5	12.1	6.0	35	6.3
23...	1648	10.0	12.2	6.0	36	5.5
23...	1650	12.5	12.3	6.0	25	4.2
23...	1652	15.0	12.1	6.0	35	4.1
23...	1654	17.5	12.0	6.0	38	4.0
23...	1656	20.0	11.9	6.0	38	3.9
23...	1658	22.5	11.9	6.0	38	3.8
23...	1700	25.0	11.9	6.0	38	3.8
23...	1702	27.5	11.9	6.0	38	3.8
23...	1704	30.0	11.8	6.0	39	3.7
JUL						
29...	1410	.00	10.4	6.3	29	10.0
29...	1412	2.5	10.5	6.3	29	9.6
29...	1414	5.0	10.5	6.4	29	9.0
29...	1416	7.5	10.5	6.3	28	8.9
29...	1418	10.0	10.6	6.2	28	8.8
29...	1420	12.5	10.7	6.2	32	8.6
29...	1422	15.0	10.7	6.1	28	8.1
29...	1424	17.5	10.9	6.1	31	7.2
29...	1426	20.0	11.2	6.1	32	6.2
29...	1428	22.5	11.3	6.2	34	5.2
29...	1430	25.0	11.2	6.2	35	4.8
29...	1432	27.5	11.2	6.3	36	4.3
29...	1434	30.0	11.2	6.4	36	4.3
AUG						
18...	1420	.00	10.1	6.5	28	16.1
18...	1422	2.5	11.3	6.6	29	11.1
18...	1424	5.0	11.5	6.6	30	9.5
18...	1426	7.5	11.6	6.4	30	8.8
18...	1428	7.5	11.7	6.4	31	8.6
18...	1430	10.0	11.8	6.3	31	7.3
18...	1432	15.0	11.9	6.2	31	6.9
18...	1434	17.5	11.9	6.2	32	6.4
18...	1436	20.0	12.0	6.2	34	5.6
18...	1438	22.5	12.0	6.2	35	5.1
18...	1440	25.0	12.1	6.3	35	4.8
18...	1442	27.5	12.1	6.3	36	4.6
18...	1444	30.0	12.1	6.3	36	4.5
SEP						
13...	1420	.00	12.9	5.9	21	9.8
13...	1422	2.5	12.0	5.9	21	9.8
13...	1424	5.0	11.7	6.0	20	9.7
13...	1426	7.5	11.6	6.1	20	9.7
13...	1428	10.0	11.4	6.1	20	9.5
13...	1430	12.5	11.3	6.1	20	9.4
13...	1432	15.0	11.2	6.2	20	9.4
13...	1434	17.5	11.2	6.3	20	9.0
13...	1436	20.0	11.1	6.3	21	8.8
13...	1438	22.5	11.1	6.3	21	8.4
13...	1440	25.0	11.1	6.7	21	7.6
13...	1442	27.5	11.3	6.7	25	5.9

Date	Time	Medium code	Sample type	Sam- pling depth, meters (00098)	Trans- parency Secchi disc, meters (00078)	Turb- idity, IR LED det ang 90 deg, FNU (63680)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unfltrd uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)
JUN													
23...	1635	9	9	7.5	1.00	14.0	12.1	6.0	35	6.3	10	3.69	.197
JUL													
29...	1400	9	9	7.5	.40	29.0	10.5	6.3	28	8.9	8	2.93	.144
AUG													
18...	1415	9	9	7.5	.41	7.00	11.6	6.4	30	8.8	9	3.21	.161
SEP													
13...	1415	9	9	7.5	--	--	11.6	6.1	20	9.7	9	3.20	.160

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

SOUTH-CENTRAL ALASKA—Continued

602212152561300 -- CRESCENT LAKE 2.8 MILE ABOVE OUTLET NEAR TUXEDNI BAY—Continued

Date	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka- linity, wat flt fxd end field, mg/L as CaCO3 (39036)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar- bonate, wat flt incrm. titr., field, mg/L (00453)	Carbon- ate, wat flt incrm. titr., field, mg/L (00452)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
JUN 23...	.45	.87	9.5	10	13	.0	.57	<.2	5.32	2.0	21	27	<.10
JUL 29...	.43	.58	7.9	8	9	.0	.32	<.2	3.59	1.5	15	13	<.10
AUG 18...	.49	.61	9.2	8	10	.0	.37	<.2	3.86	1.4	15	22	<.10
SEP 13...	.45	.56	8.8	8	10	.0	.30	<.2	4.00	1.8	16	20	<.10

Date	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, fltrd, mg/L (00681)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)	Sampler type, code (84164)
JUN 23...	<.10	<.010	.221	<.002	<.006	E.002	.013	1.1	<.1	<.1	26	3.2	100
JUL 29...	E.05	<.010	.097	E.001	<.006	E.002	.032	E.2	.2	.2	16	2.6	100
AUG 18...	<.10	<.010	.114	<.002	<.006	<.004	.016	E.3	.2	.2	17	1.1	100
SEP 13...	<.10	<.010	.094	E.001	<.006	<.004	E.010	.4	.6	.9	30	1.1	100

Date	Type of sample related QA data, code (99111)
JUN 23...	1
JUL 29...	1
AUG 18...	1
SEP 13...	1