

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA

613551149192900 -- COTTONWOOD LAKE NORTH COLONIAL PARK LAUNCH NEAR WASILLA

Date	Time	Depth to bot. from surface at samp locatn, meters (82903)	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unfiltered, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)
AUG									
05...	1730	10.5	1.0	170	8.1	20.7	753	10.8	122
05...	1732	10.5	2.0	170	8.1	20.2	753	10.8	121
05...	1734	10.5	3.0	169	8.1	20.0	753	10.8	120
05...	1736	10.5	4.0	180	8.0	19.2	753	9.7	106
05...	1738	10.5	5.0	182	7.9	18.3	753	8.9	96
05...	1740	10.5	6.0	205	7.8	16.1	753	9.6	99
05...	1742	10.5	7.0	300	7.5	11.1	753	7.7	71
05...	1744	10.5	8.0	322	7.4	8.8	753	2.6	23
05...	1746	10.5	9.0	361	7.2	7.2	753	1.3	11

Date	Time	Medium code	Sample type	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Sampler type, code (84164)	Type of sample related QA data, code (99111)	Sam-pling depth, meters (00098)	Depth to bot. from surface at samp locatn, meters (82903)	Temper-ature, air, deg C (00020)	Trans-parency Secchi disc, meters (00078)	Baro-metric pres-sure, mm Hg (00025)	Nitrite water, fltrd, mg/L as N (00613)
AUG													
05...	1800	9	9	5.0	1.0	100	--	--	10.5	26.0	5.50	753	<.002
05...	1810	9	7	--	--	100	30	9.0	10.5	26.0	5.50	753	.002

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro-gen, wat flt by anal, mg/L (62854)	Total nitro-gen, wat unfiltered, by anal, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd, mg/L (00665)	Phos-phorus, water, fltrd, mg/L (00666)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Chloro-phyll a phyto-plank-ton, fluoro, ug/L (70953)	Pheo-phytin a, phyto-plank-ton, ug/L (62360)
AUG									
05...	<.016	.23	.25	E.005	.008	.004	<.006	1.3	1.0
05...	<.016	.99	1.26	.801	.050	.004	<.006	--	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA—Continued

613215149522600 -- BIG LAKE SOUTH OF LONG ISLAND NEAR WASILLA

Date	Time	Depth to bot. from surface at samp locatn, meters (82903)	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unf 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)
AUG									
05...	1216	16.0	1.0	137	6.8	20.5	760	8.2	91
05...	1218	16.0	2.0	137	6.8	20.4	760	8.2	91
05...	1220	16.0	3.0	137	6.9	20.3	760	8.2	91
05...	1222	16.0	4.0	137	7.0	19.9	760	8.2	90
05...	1224	16.0	5.0	137	7.0	19.2	760	8.4	91
05...	1226	16.0	6.0	143	7.0	15.6	760	10.5	106
05...	1228	16.0	7.0	146	7.0	12.1	760	10.5	98
05...	1230	16.0	8.0	147	7.0	10.7	760	10.2	92
05...	1232	16.0	9.0	150	7.0	8.6	760	8.4	72
05...	1234	16.0	10.0	152	6.9	7.9	760	6.4	54
05...	1236	16.0	11.0	155	6.9	7.1	760	3.8	31
05...	1238	16.0	12.0	158	6.2	6.2	760	1.7	14
05...	1240	16.0	13.0	160	6.8	5.9	760	.6	5
05...	1242	16.0	14.0	164	6.7	5.5	760	.4	3
05...	1244	16.0	15.0	173	6.7	5.4	760	.4	3
05...	1246	16.0	16.0	203	6.7	5.3	760	.3	3

Date	Time	Medium code	Sample type	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Sampler type, code (84164)	Sam-pling depth, meters (00098)	Depth to bot. from surface at samp locatn, meters (82903)	Temper-ature, air, deg C (00020)	Trans-parency Secchi disc, meters (00078)	Baro-metric pres-sure, mm Hg (00025)	Nitrite water, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)
AUG													
05...	1350	9	9	5.0	1.0	100	--	16.0	19.0	7.92	760	<.002	<.016
05...	1410	9	9	--	--	100	15.0	16.0	19.0	7.92	760	<.002	<.016

Date	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd mg/L (00665)	Phos-phorus, water, unfltrd mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Chloro-phyll a phyto-plank-ton, fluoro, ug/L (70953)	Pheo-phytin a, phyto-plank-ton, ug/L (62360)
AUG								
05...	.17	.20	<.010	.005	E.003	<.006	.3	.2
05...	.19	.24	.055	.025	.006	<.006	--	--

613433149554700 -- HORSESHOE LAKE 0.3 MILE SOUTH BOAT LAUNCH NEAR BIG LAKE

Date	Time	Depth to bot. from surface at samp locatn, meters (82903)	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unf 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)
AUG									
03...	1710	6.50	.50	73	7.2	21.5	759	8.1	92
03...	1712	6.50	1.0	73	7.2	20.5	759	8.2	91
03...	1714	6.50	2.0	73	7.2	20.0	759	8.1	89
03...	1716	6.50	3.0	72	7.2	19.9	759	8.1	89
03...	1718	6.50	4.0	73	7.2	19.6	759	7.9	87
03...	1720	6.50	5.0	73	7.1	18.7	759	6.2	67
03...	1722	6.50	6.0	86	6.9	15.6	759	.9	9

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA—Continued

613433149554700 -- HORSESHOE LAKE 0.3 MILE SOUTH BOAT LAUNCH NEAR BIG LAKE—Continued

Date	Time	Medium code	Sample type	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Sampler type, code (84164)	Type of sample related QA data, code (99111)	Sampling depth, meters (00098)	Depth to bot. from surface at samp locatn, meters (82903)	Temperature, air, deg C (00020)	Transparency Secchi disc, meters (00078)	Barometric pressure, mm Hg (00025)	Nitrite water, fltrd, mg/L as N (00613)
AUG													
03...	1750	9	9	4.0	1.5	100	10	--	6.50	24.0	3.66	759	<.002
03...	1810	9	9	--	--	100	10	5.5	6.50	24.0	3.66	759	<.002

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd mg/L (00665)	Phos-phorus, water, fltrd, mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Chloro-phyll a phyto-plank-ton, fluoro, ug/L (70953)	Pheo-phytin a, phyto-plank-ton, ug/L (62360)
AUG									
03...	<.016	.25	.25	<.010	.010	.004	<.006	1.2	1.0
03...	<.016	.18	.22	<.010	.011	.004	<.006	--	--

614113150001400 -- NANCY LAKE CENTRAL BASIN NEAR WILLOW

Date	Time	Depth to bot. from surface at samp locatn, meters (82903)	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unf 25 degC uS/cm (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)
AUG									
06...	1400	19.0	1.0	112	8.3	20.8	762	8.3	93
06...	1402	19.0	2.0	112	8.3	20.4	762	8.4	93
06...	1404	19.0	3.0	110	8.4	19.4	762	9.5	103
06...	1406	19.0	4.0	117	8.1	15.9	762	9.5	96
06...	1408	19.0	5.0	125	7.9	10.3	762	9.9	88
06...	1410	19.0	6.0	124	7.7	7.7	762	5.7	48
06...	1412	19.0	7.0	124	7.4	6.4	762	3.5	28
06...	1414	19.0	8.0	125	7.1	6.0	762	2.4	19
06...	1416	19.0	9.0	122	7.0	5.4	762	2.3	18
06...	1418	19.0	10.0	122	7.0	5.1	762	2.1	16
06...	1420	19.0	11.0	123	6.9	4.9	762	2.0	16
06...	1422	19.0	12.0	125	6.8	4.6	762	1.4	11
06...	1424	19.0	13.0	127	6.8	4.4	762	1.1	8
06...	1426	19.0	14.0	130	6.8	4.3	762	.5	4
06...	1428	19.0	15.0	132	6.8	4.3	762	.5	3
06...	1430	19.0	16.0	134	6.7	4.3	762	.4	3
06...	1432	19.0	17.0	143	6.7	4.2	762	.4	3
06...	1434	19.0	18.0	165	6.8	4.2	762	.3	3
06...	1436	19.0	18.5	183	7.0	4.2	762	.3	2
06...	1438	19.0	19.0	280	7.7	4.2	762	.3	2

Date	Time	Medium code	Sample type	Cloud cover, percent (00032)	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Sampler type, code (84164)	Sam-pling depth, meters (00098)	Depth to bot. from surface at samp locatn, meters (82903)	Temperature, air, deg C (00020)	Transparency Secchi disc, meters (00078)	Baro-metric pres-sure, mm Hg (00025)	Nitrite water, fltrd, mg/L as N (00613)
AUG													
06...	1450	9	9	--	3.0	1.0	100	--	19.0	21.0	3.66	762	<.002
06...	1500	9	9	--	--	--	100	17.5	19.0	21.0	3.66	762	E.001
06...	1510	9	9	.0	--	--	100	6.0	19.0	21.0	3.66	762	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA—Continued

614113150001400 -- NANCY LAKE CENTRAL BASIN NEAR WILLOW—Continued

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitrogen, wat flt by anal, mg/L (62854)	Total nitrogen, wat unfltrd by anal, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, unfltrd, mg/L (00665)	Phos-phorus, fltrd, mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Chloro-phyll a phyto-plank-ton, fluoro, ug/L (70953)	Pheo-phytin a, phyto-plank-ton, ug/L (62360)
AUG									
06...	<.016	.24	.32	E.005	.012	E.002	<.006	2.5	1.2
06...	<.016	.48	.56	.264	.023	.009	E.003	--	--
06...	--	--	--	--	--	--	--	10.8	7.3

613725150102500 -- RED SHIRT LAKE 0.4 MILE WEST OF LYNX CREEK NEAR WILLOW

Date	Time	Depth to bot. from surface at samp locatn, meters (82903)	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unfltrd, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)
AUG									
04...	1501	11.5	1.0	87	7.4	20.3	760	8.1	90
04...	1503	11.5	2.0	87	7.4	20.3	760	8.1	90
04...	1505	11.5	3.0	87	7.4	20.1	760	8.0	88
04...	1507	11.5	4.0	87	7.3	19.7	760	8.0	88
04...	1509	11.5	5.0	86	7.3	18.1	760	7.3	77
04...	1511	11.5	6.0	86	7.2	16.1	760	6.4	65
04...	1513	11.5	7.0	85	7.1	13.6	760	4.7	45
04...	1515	11.5	8.0	84	7.1	10.8	760	3.1	28
04...	1517	11.5	9.0	85	7.0	10.0	760	1.5	13
04...	1519	11.5	10.0	87	6.9	8.7	760	.6	5
04...	1521	11.5	11.0	92	6.8	8.2	760	.5	5

Date	Time	Medium code	Sample type	Depth to bot sample intrval, feet below LSD (72016)	Depth to top sample intrval, feet below LSD (72015)	Sampler type, code (84164)	Sam-pling depth, meters (00098)	Depth to bot. from surface at samp locatn, meters (82903)	Temper-ature, air, deg C (00020)	Baro-metric pres-sure, mm Hg (00025)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Total nitrogen, wat flt by anal, mg/L (62854)
AUG													
04...	1540	9	9	7.3	.90	100	--	11.5	27.0	760	<.002	<.016	.21
04...	1600	9	9	--	--	100	9.1	11.5	27.0	760	E.001	E.013	.21

Date	Total nitrogen, wat unfltrd by anal, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd, mg/L (00665)	Phos-phorus, water, fltrd, mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Chloro-phyll a phyto-plank-ton, fluoro, ug/L (70953)	Pheo-phytin a, phyto-plank-ton, ug/L (62360)
AUG							
04...	.23	<.010	.009	E.004	<.006	1.1	.8
04...	.23	E.005	.011	E.003	<.006	--	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA—Continued

602301152585200 -- CRESCENT LAKE 4.6 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 unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
JUN						
23...	1710	.00	10.8	6.3	33	11.4
23...	1712	2.5	11.3	6.3	22	11.4
23...	1714	5.0	11.7	6.4	32	8.4
23...	1716	7.5	12.1	6.3	30	5.2
23...	1718	10.0	12.2	6.2	34	4.7
23...	1720	12.5	12.2	6.2	36	4.4
23...	1722	15.0	12.1	6.1	38	4.2
23...	1724	17.5	12.0	6.0	38	3.9
23...	1726	20.0	12.0	6.0	39	3.8
23...	1728	22.5	12.0	5.9	39	3.9
23...	1730	25.0	11.8	5.9	39	3.8
23...	1732	27.5	11.9	5.9	39	3.8
JUL						
29...	1300	.00	10.2	6.3	26	10.4
29...	1302	2.5	10.3	6.4	26	9.0
29...	1304	5.0	10.3	6.4	26	8.9
29...	1306	7.5	10.4	6.3	25	8.7
29...	1308	10.0	10.4	6.4	25	8.4
29...	1310	12.5	10.5	6.3	24	8.2
29...	1312	15.0	10.6	6.2	25	8.0
29...	1314	17.5	10.7	6.2	26	7.3
29...	1316	20.0	10.8	6.2	31	6.4
29...	1318	22.5	11.0	6.2	31	5.8
29...	1320	25.0	11.0	6.2	33	5.3
29...	1322	27.5	11.1	6.2	35	4.3
29...	1324	30.0	11.3	6.1	35	4.3
AUG						
18...	1331	.00	8.4	6.4	26	16.0
18...	1333	2.5	9.0	6.5	25	12.0
18...	1335	5.0	9.1	6.6	24	10.0
18...	1337	7.5	9.2	6.6	25	8.4
18...	1339	10.0	9.3	6.7	26	7.7
18...	1341	12.5	9.3	6.7	27	7.2
18...	1343	15.0	9.4	6.6	29	6.6
18...	1345	17.5	9.5	6.7	30	6.2
18...	1347	20.0	9.5	6.7	31	5.6
18...	1349	22.5	9.6	6.7	32	5.2
18...	1351	25.0	9.6	6.7	32	4.9
18...	1353	27.5	9.6	6.6	33	4.7
18...	1355	30.0	9.5	6.6	33	4.6

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

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 std 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 light, 90 deg, FNU (63680)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unfltrd std 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

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA—Continued

602137152533500 -- CRESCENT LAKE 1.2 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 unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
JUN						
23...	1540	.00	--	5.9	34	9.3
23...	1542	2.5	--	5.9	32	5.4
23...	1544	5.0	--	5.9	31	5.1
23...	1546	7.5	--	5.9	32	4.7
23...	1548	10.0	--	5.9	33	4.4
23...	1550	12.5	--	5.9	34	4.2
23...	1552	15.0	--	5.9	32	4.2
23...	1554	17.5	--	5.9	31	4.2
23...	1556	20.0	--	5.9	32	4.2
23...	1558	22.5	--	5.9	34	4.0
23...	1600	25.0	--	5.8	36	4.0
23...	1602	27.5	--	5.8	36	3.9
23...	1604	30.0	--	5.8	37	3.8
JUL						
29...	1435	.00	12.8	6.3	29	10.0
29...	1437	2.5	13.0	6.3	29	9.8
29...	1439	5.0	13.1	6.3	29	8.6
29...	1441	7.5	13.1	6.2	30	8.4
29...	1443	10.0	13.2	6.2	30	8.0
29...	1445	12.5	13.5	6.2	31	7.4
29...	1447	15.0	13.9	6.2	32	6.5
29...	1449	17.5	13.9	6.2	34	5.1
29...	1451	20.0	13.9	6.2	35	4.8
29...	1453	22.5	14.0	6.2	36	4.4
29...	1455	25.0	13.9	6.3	36	4.0
29...	1457	27.5	13.9	6.4	36	4.0
29...	1459	30.0	14.2	6.5	37	4.2
AUG						
18...	1530	.00	10.2	6.2	29	17.6
18...	1532	2.5	10.9	6.4	28	14.0
18...	1534	5.0	11.2	6.5	29	10.4
18...	1536	7.5	11.3	6.5	29	9.9
18...	1538	10.0	11.3	6.5	30	8.9
18...	1540	12.5	11.4	6.5	30	8.2
18...	1542	15.0	11.4	6.5	30	7.8
18...	1544	17.5	11.5	6.5	31	7.6
18...	1546	20.0	11.5	6.5	32	7.2
18...	1548	22.5	11.6	6.5	32	7.2
18...	1550	25.0	11.6	6.5	34	6.3
18...	1552	27.5	11.6	6.5	35	5.3

SOUTHWEST ALASKA

602943154002001 -- LACHBUNA LAKE NEAR PORT ALSWORTH

Date	Time	Sam- pling depth, meters (00098)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
JUN						
09...	1030	.00	12.4	6.7	69	7.2
09...	1032	5.0	12.4	7.0	69	6.8
JUL						
14...	0950	.00	9.5	7.4	60	14.6
14...	0952	5.0	9.9	7.3	57	12.1
14...	0954	10.0	10.0	7.3	57	10.9
14...	0956	15.0	10.2	7.3	60	9.8
14...	0958	20.0	10.6	7.2	68	8.0
14...	1000	25.0	10.8	7.2	73	6.7
14...	1002	30.0	10.7	7.1	76	6.0
14...	1004	35.0	10.4	7.1	77	5.8
AUG						
24...	0932	.00	9.7	7.5	57	12.6
24...	0934	2.5	9.6	7.3	56	12.2
24...	0936	5.0	9.8	7.3	55	11.7
24...	0938	7.5	9.8	7.3	56	11.4
24...	0940	10.0	9.8	7.3	56	11.1
24...	0942	12.5	9.9	7.2	56	10.7
24...	0944	15.0	9.9	7.2	57	10.5
24...	0946	17.5	9.8	7.2	61	10.2
24...	0948	20.0	9.8	7.2	62	9.9
24...	0950	22.5	9.9	7.2	65	9.3
24...	0952	25.0	9.9	7.2	69	8.5
24...	0954	27.5	9.9	7.2	75	7.4
24...	0956	30.0	9.9	7.2	76	7.0
24...	0958	35.0	9.7	7.1	80	6.2
24...	1000	38.0	9.1	7.1	82	6.0

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTHWEST ALASKA—Continued

602943154002001 -- LACHBUNA LAKE NEAR PORT ALSWORTH—Continued

Date	Time	Medium code	Sample type	Sam-pling depth, meters (00098)	Sam-pling method, code (82398)	Trans-parency Secchi disc, meters (00078)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
JUN 09...	1000	9	9	20.0	50	--	--	--	34	11.5	1.27	.42	1.75
JUL 14...	0930	9	9	15.0	50	.90	7.3	60	27	9.14	1.03	.41	1.45
AUG 24...	1015	9	9	10.0	50	1.00	7.3	56	25	8.67	.888	.36	1.25

Date	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., mg/L (00453)	Carbon-ate, wat flt incrm. titr., 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)	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)
JUN 09...	23	30	.0	.51	<.2	6.21	11.3	48	51	<.10	<.10	<.010	.080
JUL 14...	20	26	.0	.45	<.2	5.32	9.0	40	46	<.10	E.08	<.010	.048
AUG 24...	18	23	.0	.30	<.2	5.15	7.5	35	34	<.10	<.10	<.010	.028

Date	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 09...	.002	<.006	<.004	.006	1.6	.2	.3	7	5.4	100
JUL 14...	<.002	<.006	<.004	.006	.5	.1	<.1	<6	E.7	100
AUG 24...	E.001	<.006	<.004	.007	.4	<.1	<.1	17	3.0	100

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTHWEST ALASKA—Continued

601758154193201 -- KIJIK LAKE NEAR PORT ALSWORTH

Date	Time	Sam- pling depth, meters (00098)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unfltrd uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
JUN							
09...	1230	.00	11.3	100	7.5	52	9.4
09...	1232	5.0	11.5	98	7.2	52	7.9
09...	1234	10.0	11.5	96	7.2	51	7.1
09...	1236	15.0	11.6	95	7.2	51	6.1
09...	1238	20.0	11.7	93	7.2	51	5.1
09...	1240	25.0	11.4	89	7.1	52	4.4
09...	1242	30.0	11.2	87	7.1	52	4.1
09...	1244	35.0	10.9	84	7.1	52	4.0
09...	1246	40.0	83.0	84	7.0	52	3.9
09...	1248	45.0	10.9	84	7.0	52	3.9
09...	1250	50.0	10.8	83	7.0	52	3.8
09...	1252	55.0	10.7	82	6.9	52	3.8
JUL							
14...	1540	.00	10.2	110	7.1	56	18.4
14...	1542	5.0	10.9	111	7.1	58	15.5
14...	1544	10.0	11.9	112	7.0	58	12.0
14...	1546	15.0	12.8	114	7.1	58	9.5
14...	1548	20.0	13.4	112	7.2	57	6.9
14...	1550	25.0	13.0	103	7.1	57	4.9
14...	1552	30.0	12.2	95	7.0	57	4.2
14...	1554	35.0	11.8	91	6.9	58	4.0
14...	1556	40.0	11.8	91	6.8	58	4.0
14...	1558	45.0	11.6	90	6.7	58	4.0
14...	1600	50.0	11.5	89	6.7	58	3.9
14...	1602	55.0	11.3	87	6.7	58	3.9
14...	1604	60.0	11.2	86	6.6	58	3.8
14...	1606	65.0	11.1	85	6.6	58	3.8
AUG							
24...	1507	.00	9.5	--	7.1	63	17.0
24...	1509	5.0	9.3	--	7.2	63	16.9
24...	1511	10.0	11.2	--	7.3	62	14.0
24...	1513	15.0	12.3	--	7.6	62	10.0
24...	1515	20.0	12.8	--	7.6	61	6.2
24...	1517	25.0	12.4	--	7.5	61	5.2
24...	1519	30.0	11.3	--	7.3	62	4.6
24...	1521	35.0	10.9	--	7.2	62	4.3
24...	1523	40.0	10.6	--	7.1	62	4.0
24...	1525	45.0	10.4	--	7.0	63	3.9
24...	1527	50.0	10.3	--	7.0	63	3.9
24...	1529	55.0	10.2	--	7.0	63	3.9
24...	1531	60.0	10.1	--	6.9	63	3.9
24...	1533	65.0	10.0	--	6.9	63	3.8

Date	Time	Medium code	Sample type	Sam- pling depth, meters (00098)	Sam- pling method, code (82398)	Trans- parency Secchi disc, meters (00078)	Hard- ness, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka- linity, wat tit inc tit field, mg/L as CaCO3 (39086)	Bicar- bonate, wat flt incrm. titr., field, mg/L (00453)
JUN													
09...	1200	9	9	25.0	50	15.0	25	8.66	.847	.50	1.54	18	23
JUL													
14...	1530	9	9	20.0	50	14.0	25	8.57	.845	.49	1.49	19	25
AUG													
24...	1555	9	9	20.0	50	11.0	27	9.37	.883	.37	1.42	19	25

Date	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)	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)
JUN													
09...	.0	.62	<.2	6.88	5.8	38	41	<.10	<.10	<.010	.443	.002	<.006
JUL													
14...	.0	.61	<.2	6.46	7.5	40	45	<.10	E.09	<.010	.416	E.001	<.006
AUG													
24...	.0	.65	<.2	6.66	7.7	40	47	<.10	E.06	E.006	.421	.002	<.006

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTHWEST ALASKA—Continued

601758154193201 -- KIJIK LAKE NEAR PORT ALSWORTH—Continued

Date	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 09...	<.004	.006	1.5	1.0	1.6	<6	<.8	100
JUL 14...	<.004	E.002	.6	.7	.5	<6	<.8	100
AUG 24...	<.004	E.002	.6	.4	.8	<6	<.8	100

NORTHWEST ALASKA

644647165382100 -- UNNAMED POND NEAR DURRANT CREEK LOWER STEWART RIVER NEAR NOME

Date	Time	Medium code	Sample type	Sam- pling method, code (82398)	Sampler type, code (84164)	Specif. conduc- tance, wat unfl, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Turbid- ity, wat unfl lab, Hach 2100AN NTU (99872)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)
JUN 22...	1320	9	9	40	4080	10	5.9	11.3	15.0	<2	749	10.2	103
JUL 29...	1010	9	9	40	4080	13	5.9	--	17.0	<2	749	9.5	100
JUL 29...	1020	H	9	70	--	--	--	--	--	--	--	--	--

Date	E coli, m-TEC MF, water, col/ 100 mL (31633)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potas- sium, water, fltrd, mg/L (00935)	Bicar- bonate, wat flt incrm. titr., mg/L (00453)	Carbon- ate, wat flt incrm. titr., mg/L (00452)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alka- linity, wat flt fxd end field, mg/L as CaCO3 (39036)	Sulfate water, fltrd, mg/L (00945)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)
JUN 22...	<1	2	.330	.192	1.10	.29	3	.0	2	3.4	.42	1.27	<.17
JUL 29...	E5	2	.379	.230	1.40	.32	3	.0	3	3.7	.52	1.54	<.17
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Silica, water, fltrd, mg/L (00955)	Residue on water, evap. at 180degC, wat flt mg/L (70300)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll- ium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chrom- ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)
JUN 22...	.86	14	6	23.2	<.2	E.2	1.4	<.06	<.04	<.8	.032	E.4	77.7
JUL 29...	1.03	17	7	20.4	<.2	.3	1.4	<.06	<.04	<.8	.030	.4	71.9
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Lead, water, fltrd, ug/L (01049)	Mangan- ese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Cyanide water, fltrd, mg/L (00723)	Alum- inum, bed sed <62.5um wet svd fld, tot percent (34790)	Anti- mony, bed sed <62.5um wet svd fld, tot percent (34795)	Arsenic bed sed <62.5um wet svd total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)
JUN 22...	<.08	1.6	<.020	<.4	.18	<.20	.7	E.02	<.01	--	--	--	--
JUL 29...	<.08	1.3	<.020	<.4	.19	<.20	1.4	<.04	<.01	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	8	1.1	15	990

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

NORTHWEST ALASKA—Continued

644647165382100 -- UNNAMED POND NEAR DURRANT CREEK LOWER STEWART RIVER NEAR NOME—Continued

Date	Beryllium, bed sed <62.5um wet svd fld,tot ug/g (34810)	Bismuth bed sed <177um wet svd field, total, ug/g (34816)	Cadmium bed sed <62.5um wet svd field, total, ug/g (34825)	Chromium, bed sed <62.5um wet svd field, total, ug/g (34840)	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Europium, bed sed <62.5um wet svd field, total, ug/g (34855)	Gold, bed sed <62.5um wet svd field, total, ug/g (34870)	Gallium bed sed <62.5um wet svd field, total, ug/g (34860)	Holmium bed sed <62.5um wet svd field, total, ug/g (34875)	Iron, bed sed <62.5um wet svd field, total, percent (34880)
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JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	3.2	<1	.31	78	27	.9	12	92	1.6	<1	20	1	3.3

Date	Lanthanum, bed sed <62.5um wet svd fld,tot ug/g (34885)	Lead, bed sed <62.5um wet svd field, total, ug/g (34890)	Lithium bed sed <62.5um wet svd field, total, ug/g (34895)	Magnesium, bed sed <62.5um wet svd field, total, percent (34900)	Manganese, bed sed <62.5um wet svd field, total, ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molybdenum, bed sed <62.5um wet svd field, total, ug/g (34915)	Neodymium, bed sed <62.5um wet svd field, total, ug/g (34920)	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Phosphorus, bed sed <62.5um wet svd field, total, percent (34935)	Scandium, bed sed <62.5um wet svd field, total, ug/g (34945)	Selenium, bed sed <62.5um wet svd field, total, ug/g (34950)
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JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	48	20	43	1.3	430	.03	1.7	44	34	17	.076	18	.72

Date	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Strontium, bed sed <62.5um wet svd field, total, ug/g (34965)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Tantalum, bed sed <62.5um wet svd field, total, ug/g (34975)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titanium, bed sed <62.5um wet svd field, wsv nat rec, percent (49274)	Uranium bed sed <62.5um wet svd field, total, ug/g (35000)	Vanadium, bed sed <62.5um wet svd field, total, ug/g (35005)	Yttrium bed sed <62.5um wet svd field, total, ug/g (35010)	Ytterbium, bed sed <62.5um wet svd field, total, ug/g (35015)	Zinc, bed sed <62.5um wet svd field, total, ug/g (35020)
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JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	.51	1.3	120	.06	<1	19	4.7	.45	6.3	120	25	2.6	110

Date	Organic carbon, bed sed <62.5um wsv nat field percent (49266)	Inorg. carbon, bed sed <62.5um wsv nat field percent (49269)	Total carbon, sedimnt <62.5um wsv nat field percent (49267)	Total carbon, bed sed <2 mm, wsv nat field g/kg (49272)	Inorg. carbon, bed sed <2 mm, wsv nat field g/kg (49270)	Organic carbon, bed sed <2 mm, wsv nat field g/kg (49271)
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JUN 22...	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--
29...	3.22	.01	3.23	44	<.2	44

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

NORTHWEST ALASKA—Continued

644751165310400 -- UNNAMED POND NEAR JOSIE CREEK MIDDLE STEWART RIVER NEAR NOME—Continued

Date	Time	Medium code	Sample type	Sam-pling method, code (82398)	Sampler type, code (84164)	Specif. conduc-tance, wat un f, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Turbid-ity, wat un f, lab, Hach 2100AN NTU (99872)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	
JUN	23...			40	4080	180	7.0	9.5	4.0	<2	745	13.0	101	
JUL	29...			40	4080	173	6.5	18.5	6.0	<2	749	13.5	110	
JUL	29...	H	9	70	--	--	--	--	--	--	--	--	--	
Date		E coli, m-TEC MF, water, col/ 100 mL (31633)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potas-sium, water, fltrd, mg/L (00935)	Bicar-bonate, wat flt incrm. titr., mg/L (00453)	Carbon-ate, wat flt incrm. titr., mg/L (00452)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alka-linity, wat flt fxd end field, mg/L as CaCO3 (39036)	Sulfate water, fltrd, mg/L (00945)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)
JUN	23...	<1	86	25.7	5.27	1.54	.27	49	.0	40	40	41.9	1.79	<.17
JUL	29...	E4	66	19.9	3.85	1.57	.19	40	.0	32	34	32.8	1.79	<.17
JUL	29...	--	--	--	--	--	--	--	--	--	--	--	--	--
Date		Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of consti-tuents mg/L (70301)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)
JUN	23...	5.69	118	106	E.8	<.2	1.6	13.0	<.06	E.03	<.8	.133	.5	38.7
JUL	29...	6.14	99	86	E1.2	<.2	2.2	12.7	<.06	E.03	<.8	.074	.4	16.6
JUL	29...	--	--	--	--	--	--	--	--	--	--	--	--	--
Date		Lead, water, fltrd, ug/L (01049)	Mangan-ese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Cyanide water, fltrd, mg/L (00723)	Alum-inum, bed sed <62.5um wet svd field, tot percent (34790)	Anti-mony, bed sed <62.5um wet svd fld, tot ug/g (34795)	Arsenic bed sed <62.5um wet svd field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)
JUN	23...	<.08	3.4	<.020	.4	.99	<.20	1.2	.19	<.01	--	--	--	--
JUL	29...	<.08	1.0	<.020	E.3	1.01	<.20	.7	.06	<.01	--	--	--	--
JUL	29...	--	--	--	--	--	--	--	--	--	7.6	1.9	75	1200
Date		Beryll-ium, bed sed <62.5um wet svd fld, tot ug/g (34810)	Bismuth bed sed <177um wet svd field, total, ug/g (34816)	Cadmium bed sed <62.5um wet svd field, total, ug/g (34825)	Chrom-ium, bed sed <62.5um wet svd fld, tot ug/g (34840)	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Europ-ium, bed sed <62.5um wet svd field, total, ug/g (34855)	Gold, bed sed <62.5um wet svd field, total, ug/g (34870)	Gallium bed sed <62.5um wet svd field, total, ug/g (34860)	Holmium bed sed <62.5um wet svd field, total, ug/g (34875)	Iron, bed sed <62.5um wet svd field, total, percent (34880)
JUN	23...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL	29...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL	29...	2.4	<1	.58	100	35	.66	8.7	69	1.5	<1	19	<1	3.6

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

NORTHWEST ALASKA—Continued

644853165251800 -- UNNAMED POND NEAR SILVER CREEK UPPER STEWART RIVER NEAR NOME—Continued

Date	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)
JUN 22...	1.04	28	16	33.7	<.2	2.6	5.4	<.06	<.04	<.8	.127	2.3	177
JUL 29...	.77	33	19	35.3	<.2	4.2	4.7	<.06	<.04	<.8	.097	1.3	306
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
Date	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Cyanide water, fltrd, mg/L (00723)	Aluminum, bed sed <62.5um wet svd field, tot percent (34790)	Antimony, bed sed <62.5um wet svd field, tot ug/g (34795)	Arsenic bed sed <62.5um wet svd field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)
JUN 22...	.09	10.9	E.010	<.4	1.22	<.20	1.9	E.04	<.01	--	--	--	--
JUL 29...	E.06	9.6	E.010	<.4	.92	<.20	.7	E.02	<.01	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	8.6	1.1	210	880
Date	Beryllium, bed sed <62.5um wet svd fld, tot ug/g (34810)	Bismuth bed sed <177um wet svd field, total, ug/g (34816)	Cadmium bed sed <62.5um wet svd field, total, ug/g (34825)	Chromium, bed sed <62.5um wet svd fld, tot ug/g (34840)	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)	Cerium, bed sed <62.5um wet svd field, tot ug/g (34835)	Europium, bed sed <62.5um wet svd field, tot ug/g (34855)	Gold, bed sed <62.5um wet svd field, total, ug/g (34870)	Gallium, bed sed <62.5um wet svd field, total, ug/g (34860)	Holmium, bed sed <62.5um wet svd field, total, ug/g (34875)	Iron, bed sed <62.5um wet svd field, total, percent (34880)
JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	2.5	<1	.74	60	39	1.2	16	73	2.1	<1	20	1.4	4
Date	Lanthanum, bed sed <62.5um wet svd fld, tot ug/g (34885)	Lead, bed sed <62.5um wet svd field, total, ug/g (34890)	Lithium bed sed <62.5um wet svd field, total, ug/g (34895)	Magnesium, bed sed <62.5um wet svd fld, tot percent (34900)	Manganese, bed sed <62.5um wet svd fld, tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molybdenum, bed sed <62.5um wet svd fld, tot ug/g (34915)	Neodymium, bed sed <62.5um wet svd fld, tot ug/g (34920)	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium, bed sed <62.5um wet svd field, total, ug/g (34930)	Phosphorus, bed sed <62.5um wet svd field, total, percent (34935)	Scandium, bed sed <62.5um wet svd fld, tot ug/g (34945)	Selenium, bed sed <62.5um wet svd fld, tot ug/g (34950)
JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	37	16	32	1.2	640	.03	3.4	40	46	15	.13	20	.89
Date	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Strontium, bed sed <62.5um wet svd fld, tot ug/g (34965)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Tantalum, bed sed <62.5um wet svd fld, tot ug/g (34975)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titanium, bed sed <62.5um wsv nat rec, percent (49274)	Uranium, bed sed <62.5um wet svd field, total, ug/g (35000)	Vanadium, bed sed <62.5um wet svd fld, tot ug/g (35005)	Yttrium, bed sed <62.5um wet svd field, total, ug/g (35010)	Ytterbium, bed sed <62.5um wet svd fld, tot ug/g (35015)	Zinc, bed sed <62.5um wet svd field, total, ug/g (35020)
JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	.54	1.5	150	.16	<1	12	3.3	.48	5.1	110	35	3.8	140

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

NORTHWEST ALASKA—Continued

644853165251800 -- UNNAMED POND NEAR SILVER CREEK UPPER STEWART RIVER NEAR NOME—Continued

Date	Organic carbon, bed sed <62.5um wsv nat field percent (49266)	Inorg. carbon, bed sed <62.5um wsv nat field percent (49269)	Total carbon, sedimnt <62.5um wsv nat field percent (49267)	Total carbon, bed sed <2 mm, wsv nat field g/Kg (49272)	Inorg. carbon, bed sed <2 mm, wsv nat field g/Kg (49270)	Organic carbon, bed sed <2 mm, wsv nat field g/Kg (49271)
JUN 22...	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--
JUL 29...	4.38	.02	4.4	60	<.2	60

ARCTIC ALASKA

704318153260200 -- UNNAMED LAKE 6.5 MILE SOUTH OF VABM QUAD NEAR LONELY

Date	Time	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unf 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, percent of sat-uration (00301)
AUG 10...	1508	.50	286	8.2	11.8	765	98
AUG 10...	1510	1.0	286	8.2	11.8	765	98
AUG 10...	1512	1.5	286	8.2	11.8	765	97
AUG 10...	1514	2.0	286	8.2	11.8	765	97

Date	Time	Medium code	Sample type	Sam-pling method, code (82398)	Sam-pler type, code (84164)	Temper-ature, water, deg C (00010)	Trans-parency, Secchi disc, meters (00078)	Baro-metric pres-sure, mm Hg (00025)	Sodium, water, mg/L (00930)	Chlor-ide, water, mg/L (00940)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)
AUG 10...	1530	9	7	55	100	12.0	.90	765	21.5	45.1	<.002	<.016	.18

Date	Time	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd mg/L (00665)	Phos-phorus, water, fltrd, mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Chloro-phyll a phyto-plank-ton, ug/L (70953)	Pheo-phytin a, phyto-plank-ton, ug/L (62360)
AUG 10...		.18	<.010	.014	.004	<.006	.8	.6

704338153183300 -- UNNAMED LAKE 8 MILE SOUTH OF VABM FLORA NEAR LONELY

Date	Time	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unf 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, percent of sat-uration (00301)
AUG 09...	1712	.50	270	7.9	12.9	763	96
AUG 09...	1714	1.0	270	7.9	12.9	763	96
AUG 09...	1716	1.5	270	7.9	12.9	763	96
AUG 09...	1718	2.0	270	7.9	12.9	763	95
AUG 09...	1720	2.5	270	7.9	12.9	763	95

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

ARCTIC ALASKA—Continued

704338153183300 -- UNNAMED LAKE 8 MILE SOUTH OF VABM FLORA NEAR LONELY—Continued

Date	Time	Medium code	Sample type	Sam-pling method, code (82398)	Sampler type, code (84164)	Temper-ature, water, deg C (00010)	Trans-parency Secchi disc, meters (00078)	Baro-metric pres-sure, mm Hg (00025)	Sodium, water, fltrd, mg/L (00930)	Chlor-ide, water, fltrd, mg/L (00940)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)
AUG 09...	1740	9	9	55	100	13.0	1.10	763	23.8	54.0	.002	.016	.34
Date		Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd, mg/L (00665)	Phos-phorus, water, fltrd, mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Chloro-phyll a phyto-plank- ton, fluoro, ug/L (70953)	Pheo-phytin a, phyto-plank- ton, ug/L (62360)					
AUG 09...		.44	.037	.018	.006	<.006	1.8	1.4					

704437153170700 -- UNNAMED LAKE 7 MI S OF VABM FLORA NEAR LONELY

Date	Time	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unf 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, percent of sat-uration (00301)
AUG 09...	1132	.50	156	6.9	11.4	761	11.0
AUG 09...	1134	1.0	156	7.1	11.4	761	10.7
AUG 09...	1136	1.5	156	7.3	11.4	761	10.6
AUG 09...	1138	2.0	156	7.3	11.4	761	10.5

Date	Time	Medium code	Sample type	Sam-pling method, code (82398)	Sampler type, code (84164)	Temper-ature, water, deg C (00010)	Trans-parency Secchi disc, meters (00078)	Baro-metric pres-sure, mm Hg (00025)	Sodium, water, fltrd, mg/L (00930)	Chlor-ide, water, fltrd, mg/L (00940)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)
AUG 09...	1210	9	9	55	100	11.5	.90	761	15.8	29.9	.002	.026	.46
Date		Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos-phorus, water, unfltrd, mg/L (00665)	Phos-phorus, water, fltrd, mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Chloro-phyll a phyto-plank- ton, fluoro, ug/L (70953)	Pheo-phytin a, phyto-plank- ton, ug/L (62360)					
AUG 09...		.56	.021	.022	.009	<.006	7.0	4.5					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

ARCTIC ALASKA—Continued

704543153204300 -- UNNAMED LAKE 6.5 MILE SOUTH OF VABM FLORA NEAR LONELY

Date	Time	Sam- pling depth, meters (00098)	Specif. conduc- tance, wat unfltrd uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper- ature, water, deg C (00010)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)
AUG								
10...	1048	.50	215	7.8	11.8	765	10.1	93
10...	1050	1.0	215	7.8	11.8	765	10.1	93
10...	1052	1.5	215	7.8	11.8	765	10.1	93
10...	1054	2.0	215	7.8	11.8	765	10.1	93

Date	Time	Medium code	Sample type	Sam- pling method, code (82398)	Sampler type, code (84164)	Temper- ature, water, deg C (00010)	Trans- parency Secchi disc, meters (00078)	Baro- metric pres- sure, mm Hg (00025)	Sodium, water, fltrd, mg/L (00930)	Chlor- ide, water, fltrd, mg/L (00940)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
AUG													
10...	1120	9	9	55	100	12.0	.90	765	16.5	34.2	<.002	<.016	.27

Date	Time	Total nitro- gen, wat unfl by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos- phorus, water, unfltrd mg/L (00665)	Phos- phorus, water, fltrd, mg/L (00666)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)
AUG								
10...		.37	<.010	.022	.006	<.006	1.6	1.1

704625152462200 -- UNNAMED LAKE 7.5 MILE SOUTHEAST OF VABM APRIL NEAR LONELY

Date	Time	Sam- pling depth, meters (00098)	Specif. conduc- tance, wat unfltrd uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper- ature, water, deg C (00010)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)
AUG								
12...	1429	.50	359	7.8	12.0	759	10.7	100
12...	1431	1.0	359	7.9	12.0	759	10.4	97
12...	1433	1.5	359	7.9	12.0	759	10.3	96

Date	Time	Medium code	Sample type	Sam- pling method, code (82398)	Sampler type, code (84164)	Temper- ature, water, deg C (00010)	Trans- parency Secchi disc, meters (00078)	Baro- metric pres- sure, mm Hg (00025)	Sodium, water, fltrd, mg/L (00930)	Chlor- ide, water, fltrd, mg/L (00940)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
AUG													
12...	1450	9	9	55	100	12.0	.76	759	36.3	85.7	<.002	<.016	.17

Date	Time	Total nitro- gen, wat unfl by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos- phorus, water, unfltrd mg/L (00665)	Phos- phorus, water, fltrd, mg/L (00666)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)
AUG								
12...		.17	E.006	.016	.005	<.006	.5	.3

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

ARCTIC ALASKA—Continued

704727153091400 -- ISLAND LAKE 5.5 MILE SOUTHWEST OF VABM MARCH NEAR LONELY

Date	Time	Sam- pling depth, meters (00098)	Specif. conduc- tance, wat unfiltered, uS/cm 25 degC (00095)	pH, water, unfiltered, std units (00400)	Temper- ature, water, deg C (00010)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)
AUG								
11...	1257	.50	155	7.7	12.0	764	11.7	108
11...	1259	1.0	155	7.7	12.0	764	10.9	101
11...	1301	1.5	155	7.7	12.0	764	10.7	99

Date	Time	Medium code	Sample type	Sam- pling method, code (82398)	Sampler type, code (84164)	Temper- ature, water, deg C (00010)	Trans- parency Secchi disc, meters (00078)	Baro- metric pres- sure, mm Hg (00025)	Sodium, water, fltrd, mg/L (00930)	Chlor- ide, water, fltrd, mg/L (00940)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
AUG	11...												
				55	100	12.0	.20	764	12.8	29.1	E.001	<.016	.24

Date	Total nitro- gen, wat unfiltered, by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos- phorus, water, unfiltered, mg/L (00665)	Phos- phorus, water, fltrd, mg/L (00666)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	
AUG	11...	.49	E.006	.101	.006	<.006	5.0	2.7

704819152572000 -- UNNAMED LAKE 3.5 MILE SOUTH OF VABM APRIL NEAR LONELY

Date	Time	Sam- pling depth, meters (00098)	Specif. conduc- tance, wat unfiltered, uS/cm 25 degC (00095)	pH, water, unfiltered, std units (00400)	Temper- ature, water, deg C (00010)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)
AUG								
12...	1330	.15	143	6.5	11.5	760	11.2	103
12...	1332	.30	143	6.7	11.5	760	10.6	97
12...	1334	.46	143	6.9	11.5	760	10.4	96
12...	1336	.61	143	6.9	11.5	760	10.4	96
12...	1338	.76	143	7.1	11.5	760	10.3	95

Date	Time	Medium code	Sample type	Sam- pling method, code (82398)	Sampler type, code (84164)	Temper- ature, water, deg C (00010)	Trans- parency Secchi disc, meters (00078)	Baro- metric pres- sure, mm Hg (00025)	Sodium, water, fltrd, mg/L (00930)	Chlor- ide, water, fltrd, mg/L (00940)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
AUG	12...												
				55	100	11.5	.05	760	12.7	23.7	E.001	.125	.45

Date	Total nitro- gen, wat unfiltered, by anal ysis, mg/L (62855)	Ammonia water, fltrd, mg/L as N (00608)	Phos- phorus, water, unfiltered, mg/L (00665)	Phos- phorus, water, fltrd, mg/L (00666)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	
AUG	12...	1.63	E.008	.41	.009	<.006	6.0	4.9