

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

SOUTH-CENTRAL ALASKA

613551149192900 -- COTTONWOOD LAKE NORTH COLONIAL PARK LAUNCH NEAR WASILLA

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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)	Chloro-phyll, tot, wt 650-700 nm, in-situ ug/L (32234)
AUG										
11...	1254	10.6	1.0	184	8.8	20.9	764	11.0	123	--
11...	1256	10.6	2.0	183	8.8	20.6	764	11.2	124	--
11...	1258	10.6	3.0	188	8.7	18.6	764	10.6	113	--
11...	1300	10.6	4.0	187	8.7	17.6	764	10.2	107	--
11...	1302	10.6	5.0	190	8.4	17.0	764	9.3	96	--
11...	1304	10.6	6.0	199	8.0	16.0	764	7.6	77	--
11...	1306	10.6	7.0	235	7.3	13.9	764	1.2	12	--
11...	1308	10.6	8.0	264	7.2	10.2	764	.8	7	--
11...	1310	10.6	9.0	286	7.3	8.7	764	.7	6	--
11...	1312	10.6	10.0	294	7.2	8.3	764	.6	5	--
11...	1314	10.6	10.5	403	6.5	8.0	764	.6	5	--
SEP										
13...	1220	11.0	.50	211	8.1	13.0	757	8.4	80	3.60
13...	1222	11.0	1.0	211	8.2	12.9	757	8.4	80	3.90
13...	1224	11.0	1.5	211	8.3	12.8	757	8.4	80	4.60
13...	1226	11.0	2.0	211	8.5	12.9	757	9.2	88	4.60
13...	1228	11.0	3.0	210	8.5	12.8	757	9.6	91	4.60
13...	1230	11.0	4.0	211	8.8	12.8	757	8.5	81	4.20
13...	1232	11.0	5.0	211	8.9	12.8	757	8.3	79	3.80
13...	1234	11.0	6.0	211	8.8	12.7	757	7.9	75	3.50
13...	1236	11.0	7.0	212	8.8	12.7	757	7.4	70	3.30
13...	1238	11.0	8.0	212	8.8	12.6	757	7.1	67	3.70
13...	1240	11.0	9.0	213	8.8	12.5	757	6.8	64	3.00
13...	1242	11.0	10.0	219	8.6	12.0	757	4.9	46	4.20
13...	1244	11.0	10.5	262	8.5	10.5	757	.7	6	9.30
13...	1246	11.0	10.8	340	8.8	8.8	757	.9	8	--

Date	Time	Medium code	Sample type	Sampler type, code (84164)	Sam-pling depth, meters (00098)	Depth to top of samplng intrval, meters (82047)	Depth to bottom of samplng intrval, meters (82048)	Depth to bot. from surface at samp locatn, meters (82903)	Specif. conduc-tance, wat unfltrd uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, air, deg C (00020)	Trans-parency Secchi disc, meters (00078)	Trans-parency unfltrd secchi disc, feet (49701)
AUG													
11...	1340	9	9	100	--	1.0	2.0	10.6	184	8.6	20.5	4.88	16.0
11...	1350	9	9	100	9.0	--	--	10.6	272	7.6	20.5	4.88	16.0
SEP													
13...	1300	9	9	100	5.0	--	--	11.0	209	--	17.5	3.66	12.0

Date	Baro-metric pres-sure, mm Hg (00025)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potas-ium, water, fltrd, mg/L (00935)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Sulfate water, fltrd, mg/L (00945)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	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)
AUG													
11...	764	90	28.0	4.78	3.68	.94	84	3.1	6.50	<.1	5.58	117	103
11...	764	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
13...	758	--	--	--	--	--	--	--	--	--	--	--	--

Date	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Total nitro-gen, wat by anal ysis, mg/L (62854)	Total nitro-gen, wat unfltrd 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)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Deu-terium/Protium ratio, unfltrd, per mil (82082)	O-18 / O-16 ratio, unfltrd, per mil (82085)	Organic carbon, water, fltrd, mg/L (00681)
AUG													
11...	E.001	<.016	.40	.29	<.010	.009	.005	<.006	6	.8	-120	-14.30	3.6
11...	.002	<.016	2.28	2.35	1.68	.044	.006	<.006	--	--	-126	-15.71	3.1
SEP													
13...	.002	.034	.71	.42	.068	.013	<.004	<.006	--	--	-121	-14.39	3.8