ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA

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 unf 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 nitro-gen, wat flt by anal ysis, 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 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-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							
04...	.23	<.010	.009	E.004	<.006	1.1	.8
04...	.23	E.005	.011	E.003	<.006	--	--