

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA

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 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									
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)	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													
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	--

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 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)	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