

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA

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 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									
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

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 code (99111)	Sam-pling depth, meters (00098)	Depth to bot. from surface 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, 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 unfltrd by anal ysis, mg/L (62855)	Ammonia water, fltrd, as N mg/L (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	--	--