

# ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTH-CENTRAL ALASKA

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 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 saturation (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, 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 unfiltered, mg/L (62855)	Ammonia water, mg/L as N (00608)	Phos-phorus, water, mg/L (00665)	Phos-phorus, water, mg/L (00666)	Ortho-phos-phate, water, 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	--	--