

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

SOUTHWEST ALASKA

602943154002001 -- LACHBUNA LAKE NEAR PORT ALSWORTH

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 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)
OCT									
06...	1130	38.0	.00	65	6.6	6.9	713	10.6	93
06...	1132	38.0	2.5	64	6.8	6.9	713	10.2	90
06...	1134	38.0	5.0	64	6.8	6.9	713	10.2	90
06...	1136	38.0	7.5	64	6.8	6.9	713	10.2	90
06...	1138	38.0	10.0	64	6.8	6.9	713	10.1	89
06...	1140	38.0	12.5	64	6.9	6.9	713	10.1	89
06...	1142	38.0	15.0	64	6.9	6.9	713	10.1	89
06...	1144	38.0	17.5	63	6.9	6.9	713	10.1	89
06...	1146	38.0	20.0	64	6.9	6.9	713	10.0	88
06...	1148	38.0	22.5	64	6.9	6.9	713	10.0	88
06...	1150	38.0	25.0	64	6.9	6.9	713	10.0	88
06...	1152	38.0	27.7	65	7.0	6.8	713	9.9	87
06...	1154	38.0	30.0	65	7.0	6.8	713	9.8	86
06...	1156	38.0	35.0	68	7.0	6.7	713	9.5	83
06...	1158	38.0	38.0	69	7.0	6.7	713	9.3	81

Date	Time	Medium code	Sample type	Sam-pling method, code (82398)	Sam-pler type, code (84164)	Sam-pling depth, meters (00098)	Specif. conduc-tance, wat unf, uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
OCT													
06...	1200	9	9	50	100	10.0	64	6.8	713	10.1	83	27	9.05
FEB	24...	9	9	--	--	--	--	--	--	--	--	33	11.3

Date	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potas-sium, water, fltrd, mg/L (00935)	Bicar-bonate, wat flt, incrm, titr., field, mg/L (00453)	Carbon-ate, wat flt, incrm, titr., field, mg/L (00452)	Alka-linity, 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)	Nitrite water, fltrd, mg/L as N (00613)
OCT													
06...	.971	2.17	.26	27	.0	21	8.7	.35	.2	5.89	48	41	E.001
FEB	24...	1.15	1.67	.46	--	--	10.4	.41	.2	6.30	47	47	.002

Date	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Phos-phorus, water, unfltrd, mg/L (00665)	Phos-phorus, water, fltrd, mg/L (00666)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a phyto-plank-ton, fluoro, ug/L (70953)	Pheo-phytin a, phyto-plank-ton, ug/L (62360)
OCT												
06...	.047	<.010	<.10	E.06	<.004	<.004	<.006	29	2.6	E.3	.3	.2
FEB	24...	.066	<.010	<.10	<.004	<.004	<.006	E3	.8	.4	--	--