

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

SOUTHWEST ALASKA

602943154002001 -- LACHBUNA LAKE NEAR PORT ALSWORTH

Date	Time	Sam- pling depth, meters (00098)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
JUN						
09...	1030	.00	12.4	6.7	69	7.2
09...	1032	5.0	12.4	7.0	69	6.8
JUL						
14...	0950	.00	9.5	7.4	60	14.6
14...	0952	5.0	9.9	7.3	57	12.1
14...	0954	10.0	10.0	7.3	57	10.9
14...	0956	15.0	10.2	7.3	60	9.8
14...	0958	20.0	10.6	7.2	68	8.0
14...	1000	25.0	10.8	7.2	73	6.7
14...	1002	30.0	10.7	7.1	76	6.0
14...	1004	35.0	10.4	7.1	77	5.8
AUG						
24...	0932	.00	9.7	7.5	57	12.6
24...	0934	2.5	9.6	7.3	56	12.2
24...	0936	5.0	9.8	7.3	55	11.7
24...	0938	7.5	9.8	7.3	56	11.4
24...	0940	10.0	9.8	7.3	56	11.1
24...	0942	12.5	9.9	7.2	56	10.7
24...	0944	15.0	9.9	7.2	57	10.5
24...	0946	17.5	9.8	7.2	61	10.2
24...	0948	20.0	9.8	7.2	62	9.9
24...	0950	22.5	9.9	7.2	65	9.3
24...	0952	25.0	9.9	7.2	69	8.5
24...	0954	27.5	9.9	7.2	75	7.4
24...	0956	30.0	9.9	7.2	76	7.0
24...	0958	35.0	9.7	7.1	80	6.2
24...	1000	38.0	9.1	7.1	82	6.0

Date	Time	Medium code	Sample type	Sam- pling depth, meters (00098)	Sam- pling method, code (82398)	Trans- parency Secchi disc, meters (00078)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
JUN													
09...	1000	9	9	20.0	50	--	--	--	34	11.5	1.27	.42	1.75
JUL													
14...	0930	9	9	15.0	50	.90	7.3	60	27	9.14	1.03	.41	1.45
AUG													
24...	1015	9	9	10.0	50	1.00	7.3	56	25	8.67	.888	.36	1.25

Date	Time	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar- bonate, wat flt incrm. titr., mg/L (00453)	Carbon- ate, wat flt incrm. titr., mg/L (00452)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)
JUN														
09...	23	30	.0	.51	<.2	6.21	11.3	48	51	<.10	<.10	<.010	.080	
JUL														
14...	20	26	.0	.45	<.2	5.32	9.0	40	46	<.10	E.08	<.010	.048	
AUG														
24...	18	23	.0	.30	<.2	5.15	7.5	35	34	<.10	<.10	<.010	.028	

Date	Time	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, fltrd, mg/L (00681)	Pheo- phytin a, phyto- plank- ton, ug/L (62360)	Chloro- phyll a phyto- plank- ton, fluoro, ug/L (70953)	Iron, water, fltrd, ug/L (01046)	Mangan- ese, water, fltrd, ug/L (01056)	Sampler type, code (84164)
JUN											
09...		.002	<.006	<.004	.006	1.6	.2	.3	7	5.4	100
JUL											
14...		<.002	<.006	<.004	.006	.5	.1	<.1	<6	E.7	100
AUG											
24...		E.001	<.006	<.004	.007	.4	<.1	<.1	17	3.0	100