

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

SOUTH-CENTRAL ALASKA

613623149400100 -- SEYMOUR LAKE NEAR HOUSTON

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 unfltrd, uS/cm 25 degC (00095)	pH, water, unfltrd, field, std units (00400)	Temper-ature, water, deg C (00010)	Baro-metric pres-sure, water, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	Chloro-phyll, tot, wt 650-700 nm, in-situ ug/L (32234)
AUG										
15...	1048	5.10	1.0	145	8.2	21.4	755	8.9	101	--
15...	1050	5.10	2.0	145	8.2	21.5	755	8.7	100	--
15...	1052	5.10	3.0	145	8.2	21.4	755	8.7	99	--
15...	1054	5.10	4.0	143	7.8	19.8	755	8.0	89	--
15...	1056	5.10	5.0	145	7.2	19.1	755	3.1	34	--
15...	1058	5.10	5.1	146	7.2	19.1	755	3.0	33	--
SEP										
13...	1450	5.50	.20	147	8.1	14.0	757	7.8	76	1.10
13...	1452	5.50	.50	147	8.1	14.0	757	7.8	76	1.30
13...	1454	5.50	1.0	147	8.1	13.9	757	7.8	76	1.90
13...	1456	5.50	1.5	147	8.1	13.9	757	7.8	76	1.40
13...	1458	5.50	2.5	146	8.1	13.8	757	7.8	76	1.40
13...	1500	5.50	2.5	146	8.1	13.7	757	7.7	75	1.70
13...	1502	5.50	3.0	146	8.1	13.7	757	7.6	74	1.40
13...	1504	5.50	4.0	146	8.1	13.6	757	7.6	74	1.90
13...	1506	5.50	4.5	146	8.1	13.6	757	7.6	74	2.00
13...	1508	5.50	5.0	146	8.1	13.6	757	7.6	74	1.80
13...	1510	5.50	5.4	145	7.7	13.7	757	1.7	16	--

Date	Time	Medium code	Sample type	Sampler type, code (84164)	Sam-pling depth, meters (00098)	Depth to top of sampling interval, meters (82047)	Depth to bottom of sampling interval, meters (82048)	Depth to bot. from surface at samp locatn, meters (82903)	Specif. conduc-tance, wat unfltrd, uS/cm 25 degC (00095)	pH, water, unfltrd, field, std units (00400)	Temper-ature, air, deg C (00020)	Trans-parency Secchi disc, meters (00078)	Trans-parency water unfltrd secchi disc feet (49701)
AUG													
15...	1130	9	9	100	--	1.0	3.0	5.10	--	8.1	20.2	2.13	7.0
15...	1140	9	9	100	4.0	--	--	5.10	--	8.0	20.2	2.13	7.0
SEP													
13...	1520	9	9	100	3.0	--	--	5.50	146	8.1	18.3	5.18	17.0

Date	Baro-metric pres-sure, mm Hg (00025)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potas-sium, water, fltrd, mg/L (00935)	Bicar-bonate, wat flt incrm, field, mg/L (00453)	Alka-linity, wat flt 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)
AUG													
15...	755	69	22.3	3.22	2.46	.91	78	64	.9	3.55	<.1	2.77	73
15...	755	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
13...	757	--	--	--	--	--	--	--	--	--	--	--	--

Date	Residue water, sum of consti-tuents mg/L (70301)	Nitrite water, fltrd, mg/L as N (00613)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Total nitro-gen, wat flt by anal, mg/L (62854)	Total nitro-gen, wat unfltrd by anal, 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)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	Deu-terium/Protium ratio, water, unfltrd per mil (82082)	O-18 / O-16 ratio, water, unfltrd per mil (82085)
AUG													
15...	75	E.001	<.016	.52	.41	E.005	.007	E.003	<.006	13	.9	-96.10	-9.38
15...	--	<.002	<.016	.53	.41	<.010	.014	E.003	<.006	--	--	-96.60	-9.44
SEP													
13...	--	E.001	.016	.60	.40	.054	.007	E.004	<.006	--	--	-95.40	-9.57

Date	Organic carbon, water, fltrd, mg/L (00681)
AUG	
15...	4.8
15...	4.4
SEP	
13...	3.7