

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

NORTHWEST ALASKA

644853165251800 -- UNNAMED POND NEAR SILVER CREEK UPPER STEWART RIVER NEAR NOME

Date	Time	Medium code	Sample type	Sam-pling method, code (82398)	Sampler type, code (84164)	Specif. conduc-tance, wat unf 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Turbid-ity, wat unf lab, Hach 2100AN NTU (99872)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of satu-ration (00301)	
JUN	22...	1530	9	9	55	4080	24	6.6	13.0	14.5	2	10	9.8	.0
JUL	29...	1330	9	9	55	4080	35	6.9	19.8	17.5	<2	749	9.7	103
JUL	29...	1340	H	9	55	4080	--	--	--	--	--	--	--	--
Date	E coli, m-TEC MF, water, col/100 mL (31633)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium 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)	Carbon-ate, wat flt incrm, field, mg/L (00452)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alka-linity, wat flt fxd end field, mg/L as CaCO3 (39036)	Sulfate fltrd, mg/L (00945)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	
JUN	22...	3	10	2.63	.750	1.73	.49	7	.0	6	6.7	4.23	1.92	<.17
JUL	29...	E15	10	2.79	.811	2.06	.68	8	.0	7	7.8	4.92	2.12	<.17
JUL	29...	--	--	--	--	--	--	--	--	--	--	--	--	--
Date	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue fltrd, sum of consti-tuents mg/L (70301)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	
JUN	22...	1.04	28	16	33.7	<.2	2.6	5.4	<.06	<.04	<.8	.127	2.3	177
JUL	29...	.77	33	19	35.3	<.2	4.2	4.7	<.06	<.04	<.8	.097	1.3	306
JUL	29...	--	--	--	--	--	--	--	--	--	--	--	--	--
Date	Lead, water, fltrd, ug/L (01049)	Mangan-ese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Cyanide water, fltrd, mg/L (00723)	Alum-inum, bed sed <62.5um wet svd fld,tot percent (34790)	Anti-mony, bed sed <62.5um wet svd fld,tot ug/g (34795)	Arsenic bed sed <62.5um wet svd total, ug/g (34800)	Barium, bed sed <62.5um wet svd total, ug/g (34805)	
JUN	22...	.09	10.9	E.010	<.4	1.22	<.20	1.9	E.04	<.01	--	--	--	
JUL	29...	E.06	9.6	E.010	<.4	.92	<.20	.7	E.02	<.01	--	--	--	
JUL	29...	--	--	--	--	--	--	--	--	8.6	1.1	210	880	
Date	Beryll-ium, bed sed <62.5um wet svd fld,tot ug/g (34810)	Bismuth bed sed <177um wet svd field, total, ug/g (34816)	Cadmium bed sed <62.5um wet svd field, total, ug/g (34825)	Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Europ-ium, bed sed <62.5um wet svd fld,tot ug/g (34855)	Gold, bed sed <62.5um wet svd field, total, ug/g (34870)	Gallium, bed sed <62.5um wet svd field, total, ug/g (34860)	Holmium, bed sed <62.5um wet svd field, total, ug/g (34875)	Iron, bed sed <62.5um wet svd field, total, percent (34880)	
JUN	22...	--	--	--	--	--	--	--	--	--	--	--	--	
JUL	29...	--	--	--	--	--	--	--	--	--	--	--	--	
JUL	29...	2.5	<1	.74	60	39	1.2	16	73	2.1	<1	20	1.4	4

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

NORTHWEST ALASKA—Continued

644853165251800 -- UNNAMED POND NEAR SILVER CREEK UPPER STEWART RIVER NEAR NOME—Continued

Date	Lanthanum, bed sed <62.5um wet svd fld,tot ug/g (34885)	Lead, bed sed <62.5um wet svd field, total, ug/g (34890)	Lithium, bed sed <62.5um wet svd field, total, ug/g (34895)	Magnesium, bed sed <62.5um wet svd field, total, percent (34900)	Manganese, bed sed <62.5um wet svd field, total, ug/g (34905)	Mercury, bed sed <62.5um wet svd field, total, ug/g (34910)	Molybdenum, bed sed <62.5um wet svd field, total, ug/g (34915)	Neodymium, bed sed <62.5um wet svd field, total, ug/g (34920)	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium, bed sed <62.5um wet svd field, total, ug/g (34930)	Phosphorus, bed sed <62.5um wet svd field, total, percent (34935)	Scandium, bed sed <62.5um wet svd field, total, ug/g (34945)	Selenium, bed sed <62.5um wet svd field, total, ug/g (34950)
JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	37	16	32	1.2	640	.03	3.4	40	46	15	.13	20	.89

Date	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Strontium, bed sed <62.5um wet svd field, total, ug/g (34965)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Tantalum, bed sed <62.5um wet svd field, total, ug/g (34975)	Thorium, bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titanium, bed sed <62.5um wsv nat rec, total, percent (49274)	Uranium, bed sed <62.5um wet svd field, total, ug/g (35000)	Vanadium, bed sed <62.5um wet svd field, total, ug/g (35005)	Yttrium, bed sed <62.5um wet svd field, total, ug/g (35010)	Ytterbium, bed sed <62.5um wet svd field, total, ug/g (35015)	Zinc, bed sed <62.5um wet svd field, total, ug/g (35020)
JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	.54	1.5	150	.16	<1	12	3.3	.48	5.1	110	35	3.8	140

Date	Organic carbon, bed sed <62.5um wsv nat field, percent (49266)	Inorg. carbon, bed sed <62.5um wsv nat field, percent (49269)	Total carbon, sedimnt <62.5um wsv nat field, percent (49267)	Total carbon, bed sed <2 mm, wsv nat field, g/kg (49272)	Inorg. carbon, bed sed <2 mm, wsv nat field, g/kg (49270)	Organic carbon, bed sed <2 mm, wsv nat field, g/kg (49271)
JUN 22...	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--
29...	4.38	.02	4.4	60	<.2	60