

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

NORTHWEST ALASKA

644647165382100 -- UNNAMED POND NEAR DURRANT CREEK LOWER STEWART RIVER NEAR NOME

Date	Time	Medium code	Sample type	Sam-pling method, code (82398)	Sampler type, code (84164)	Specif. conduc-tance, wat unf uS/cm 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 sat-uration (00301)	
JUN	22...	1320	9	9	40	4080	10	5.9	11.3	15.0	<2	749	10.2	103
JUL	29...	1010	9	9	40	4080	13	5.9	--	17.0	<2	749	9.5	100
	29...	1020	H	9	70	--	--	--	--	--	--	--	--	--
Date	E coli, m-TEC MF, water, col/100 mL (31633)	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-ium, water, fltrd, mg/L (00935)	Bicar-bonate, wat flt incr. titr., field, mg/L (00453)	Carbon-ate, wat flt incr. titr., field, mg/L (00452)	Alka-linity, inc tit field, mg/L as CaCO3 (39086)	Alka-linity, wat flt fxd end field, mg/L as CaCO3 (39036)	Sulfate water, fltrd, mg/L (00945)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	
JUN	22...	<1	2	.330	.192	1.10	.29	3	.0	2	3.4	.42	1.27	<.17
JUL	29...	E5	2	.379	.230	1.40	.32	3	.0	3	3.7	.52	1.54	<.17
	29...	--	--	--	--	--	--	--	--	--	--	--	--	--
Date	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue 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...	.86	14	6	23.2	<.2	E.2	1.4	<.06	<.04	<.8	.032	E.4	77.7
JUL	29...	1.03	17	7	20.4	<.2	.3	1.4	<.06	<.04	<.8	.030	.4	71.9
	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 field, tot percent (34790)	Anti-mony, bed sed <62.5um wet svd field, tot ug/g (34795)	Arsenic bed sed <62.5um wet svd field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	
JUN	22...	<.08	1.6	<.020	<.4	.18	<.20	.7	E.02	<.01	--	--	--	--
JUL	29...	<.08	1.3	<.020	<.4	.19	<.20	1.4	<.04	<.01	--	--	--	--
	29...	--	--	--	--	--	--	--	--	--	8	1.1	15	990
Date	Beryll-ium, bed sed <62.5um wet svd fld, tot ug/g (34810)	Bismuth bed sed <177um wet svd 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...	--	--	--	--	--	--	--	--	--	--	--	--	
	29...	3.2	<1	.31	78	27	.9	12	92	1.6	<1	20	1	3.3

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS LAKE SITES

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

NORTHWEST ALASKA—Continued

644647165382100 -- UNNAMED POND NEAR DURRANT CREEK LOWER 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, fld,tot percent (34900)	Manganese, bed sed <62.5um wet svd field, fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molybdenum, bed sed <62.5um wet svd field, fld,tot ug/g (34915)	Neodymium, bed sed <62.5um wet svd field, fld,tot 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, percent (34935)	Scandium, bed sed <62.5um wet svd field, fld,tot ug/g (34945)	Selenium, bed sed <62.5um wet svd field, fld,tot ug/g (34950)
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JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	48	20	43	1.3	430	.03	1.7	44	34	17	.076	18	.72

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, fld,tot ug/g (34965)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Tantalum, bed sed <62.5um wet svd field, fld,tot 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, fld,tot ug/g (35005)	Yttrium bed sed <62.5um wet svd field, total, ug/g (35010)	Ytterbium, bed sed <62.5um wet svd field, fld,tot ug/g (35015)	Zinc, bed sed <62.5um wet svd field, total, ug/g (35020)
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JUN 22...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
29...	.51	1.3	120	.06	<1	19	4.7	.45	6.3	120	25	2.6	110

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)
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JUN 22...	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--
29...	3.22	.01	3.23	44	<.2	44