

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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

SOUTH-CENTRAL ALASKA

15294630 -- NORTH FORK CRESCENT RIVER NEAR TUXEDNI BAY

Date	Time	Medium code	Sample type	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Stream width, feet (00004)	Turbidity, wat unf lab, Hach 2100AN NTU (99872)	Turbidity, IR LED light, det ang 90 deg, FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC (00095)	
OCT	23...	1230	9	9	145	10	57.0	<2	--	--	--	7.1	--	
AUG	11...	1345	9	9	501	20	159	54	49.0	732	12.8	113	6.0	25
SEP	08...	1115	9	9	104	10	100	26	14.0	726	12.1	94	5.8	51
	08...	1120	H	9	--	--	--	--	--	--	--	--	--	--
Date	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium, bed sed <62.5um wet svd fld,tot percent (34900)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Alkalinity, wat flt fxd end mg/L as CaCO3 (39036)	Alkalinity, wat flt inc tit mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	
OCT	23...	-1.5	--	20	7.02	.513	.66	2.15	--	--	--	16	20	
AUG	11...	--	8.2	8	2.88	.222	.25	.80	--	--	--	7.0	7	9
SEP	08...	--	2.7	14	5.07	.388	.52	1.52	--	--	--	14	12	16
	08...	--	--	--	--	--	--	--	4.7	1.7	3	--	--	--
Date	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Residue, water, fltrd, sum of constituents, mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, fltrd, mg/L as N (00623)	Ammonia + org-N, unfltrd, mg/L as N (00625)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Nitrite, water, fltrd, mg/L as N (00613)	
OCT	23...	.0	1.3	<.17	10.7	6.48	--	40	42	E.06	<.1	E.006	.230	E.001
AUG	11...	.0	.51	<.17	4.18	2.71	--	16	11	<.1	<.1	<.010	.028	<.002
SEP	08...	.0	1.13	<.17	7.16	4.36	--	28	35	<.1	E.05	E.005	.060	E.001
	08...	--	--	--	--	<.05	--	--	--	--	--	--	--	--
Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd, mg/L (00665)	Phosphorus, bed sed <62.5um wet svd fld,tot percent (34935)	Organic carbon, water, fltrd, mg/L (00681)	Total carbon, sedimnt <62.5um wsv nat field percent (49267)	Inorg. carbon, bed sed <62.5um wsv nat field percent (49269)	Organic carbon, bed sed <62.5um wsv nat field percent (49266)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	Aluminum, bed sed <62.5um wet svd fld,tot percent (34790)	Antimony, bed sed <62.5um wet svd fld,tot ug/g (34795)	Arsenic, bed sed <62.5um wet svd field, total, ug/g (34800)	
OCT	23...	<.006	E.002	.010	--	.5	--	--	200	14.0	--	--	--	
AUG	11...	E.004	.005	.187	--	E.2	--	--	40.2	5.6	--	--	--	
SEP	08...	<.006	.004	.052	--	<.3	--	--	75.6	7.8	--	--	--	
	08...	--	--	--	.091	--	1.87	<.01	1.87	--	9.1	.35	4.7	
Date	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	Beryllium, 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)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)	Chromium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Europium, bed sed <62.5um wet svd fld,tot ug/g (34855)	Gallium, bed sed <62.5um wet svd field, total, ug/g (34860)	Gold, bed sed <62.5um wet svd field, total, ug/g (34870)	Holmium, bed sed <62.5um wet svd field, total, ug/g (34875)	Iron, bed sed <62.5um wet svd field, total, percent (34880)	
OCT	23...	--	--	--	--	--	--	--	--	--	--	--	--	
AUG	11...	--	--	--	--	--	--	--	--	--	--	--	--	
SEP	08...	--	--	--	--	--	--	--	--	--	--	--	--	
	08...	600	.84	<1	<.1	23	26	15	44	1.1	18	<1	<1	4.1

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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

SOUTH-CENTRAL ALASKA—Continued

15294630 -- NORTH FORK CRESCENT RIVER NEAR TUXEDNI BAY—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)	Manganese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molybdenum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodymium, bed sed <62.5um wet svd 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)	Scandium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selenium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Strontium, bed sed <62.5um wet svd fld,tot ug/g (34965)
OCT 23...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 08...	--	--	--	--	--	--	--	--	--	--	--	--	--
08...	11	6.1	12	1000	.02	1.1	14	12	7.8	19	<.1	.72	450

Date	Tantalum, bed sed <62.5um wet svd 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, percent (49274)	Vanadium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterbium, bed sed <62.5um wet svd fld,tot ug/g (35015)	Yttrium bed sed <62.5um wet svd field, total, ug/g (35010)	Zinc, bed sed <62.5um wet svd field, total, ug/g (35020)	Uranium bed sed <62.5um wet svd field, total, ug/g (35000)	Suspnd. sedi-ment, sieve diametr percent <.063mm (70331)	Suspended sedi-ment concentration mg/L (80154)	Suspended sedi-ment discharge, tons/d (80155)	Sampler type, code (84164)
OCT 23...	--	--	--	--	--	--	--	--	--	--	11	4.3	3045
AUG 11...	--	--	--	--	--	--	--	--	--	--	318	430	3045
SEP 08...	--	--	--	--	--	--	--	--	--	80	71	20	3045
08...	<1	2.7	1	.37	130	2.4	19	72	1.2	--	--	--	--

Date	Type of sample related QA data, code (99111)
OCT 23...	1
AUG 11...	110
SEP 08...	110
08...	--